









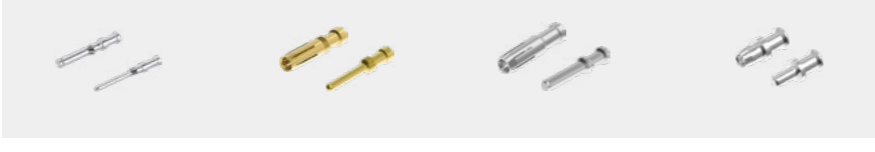





# Sare<sup>®</sup> - Heavy Duty Connectors

Contents	Overview	Pages	Contents	Plastic	Standard	Outdoor	EMC	Pages
Series A03: IA; ID; IQ		01-01	HA03					01-15
Series A: IA; ID		02-01	HA					02-11
Series B: ID; IE; ISB; IK; Modular		03-01	HB					03-111
Crimp contacts & Tools		04-01						
Accessories		05-01						



**Profile**

InKonn is powered by a team of people who are experienced and constantly active in the field of Industrial Connector. Our team members have strong backgrounds in both manufacturing and development in Industrial Connector.

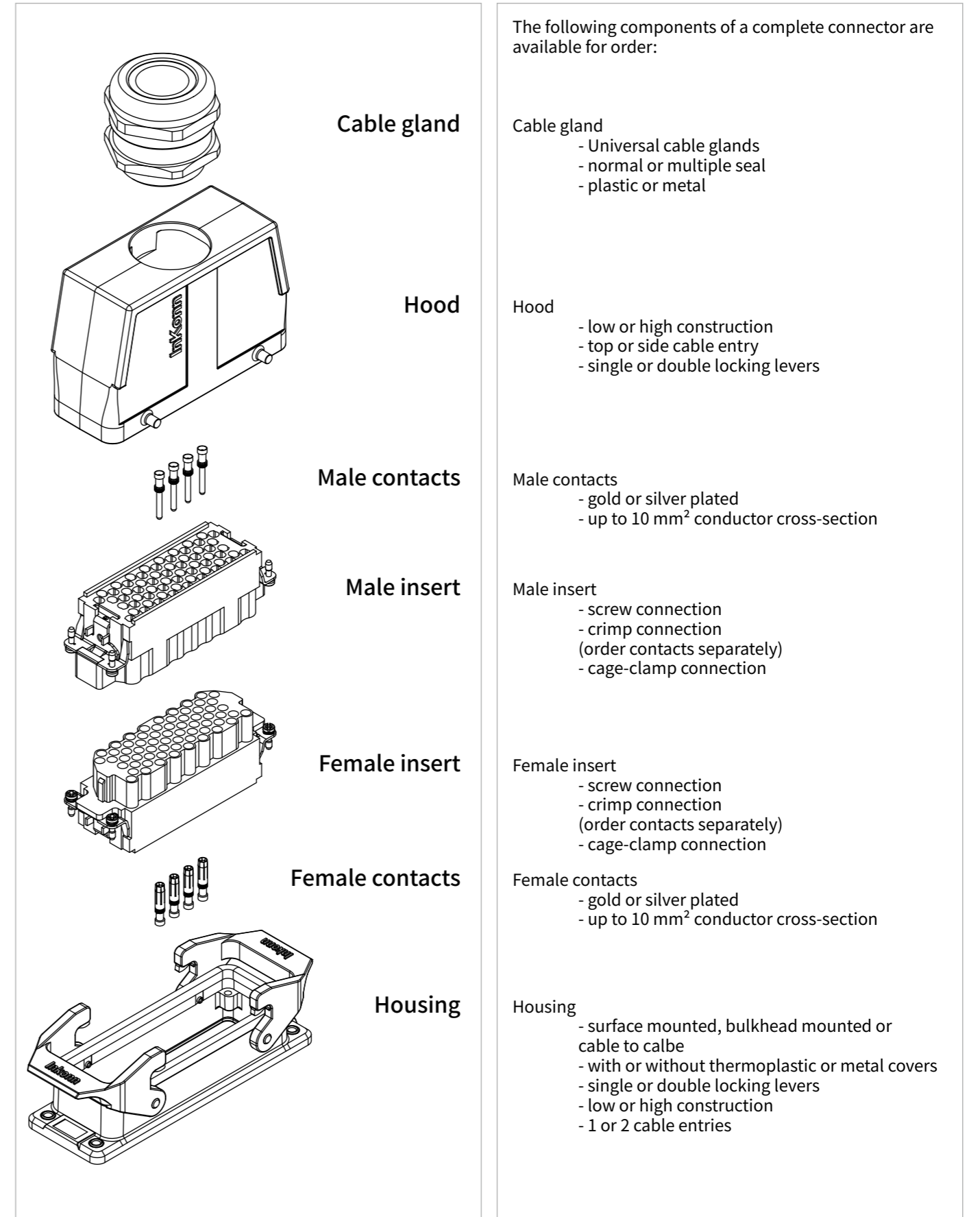
- Sectors in which we operate

- Automation
- Railwayindustry
- Wind powerindustry
- Machinery industry

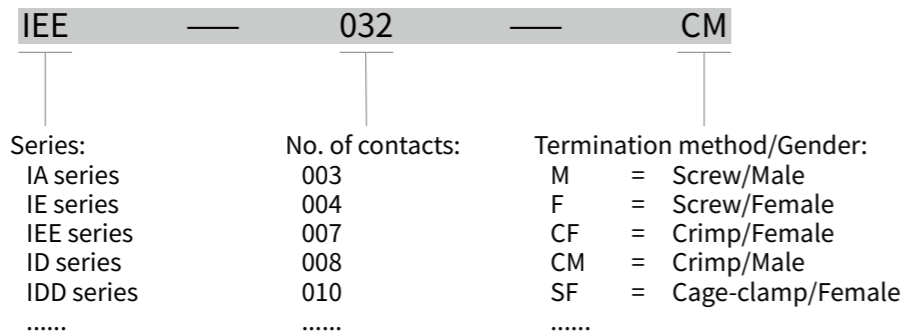
**Mission**

We are dedicated to provide our customers with the best solutions. Our close partnership with global industry leading companies enhance our service offering.

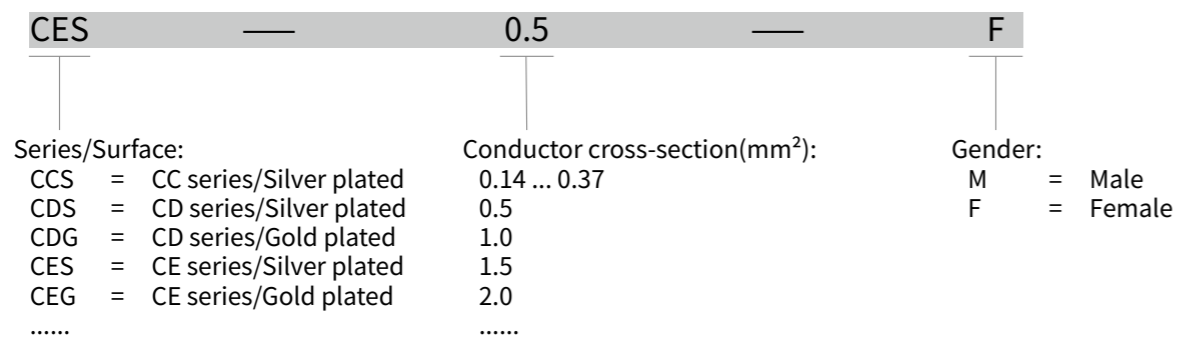
As your technical partner, we support you in advice on technical solutions and the design of tailor-made products by participating customer's needs. We think from customers' perspective and do our utmost to solve problems with our professional knowledge and skills.



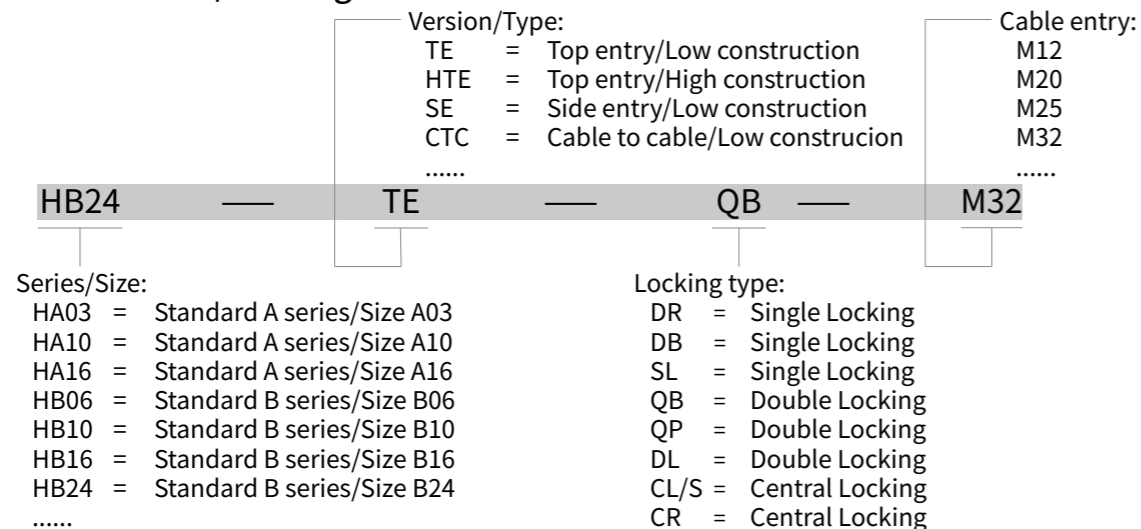
### Type name for insert



### Type name for crimp contacts



### Type name for hoods/housings

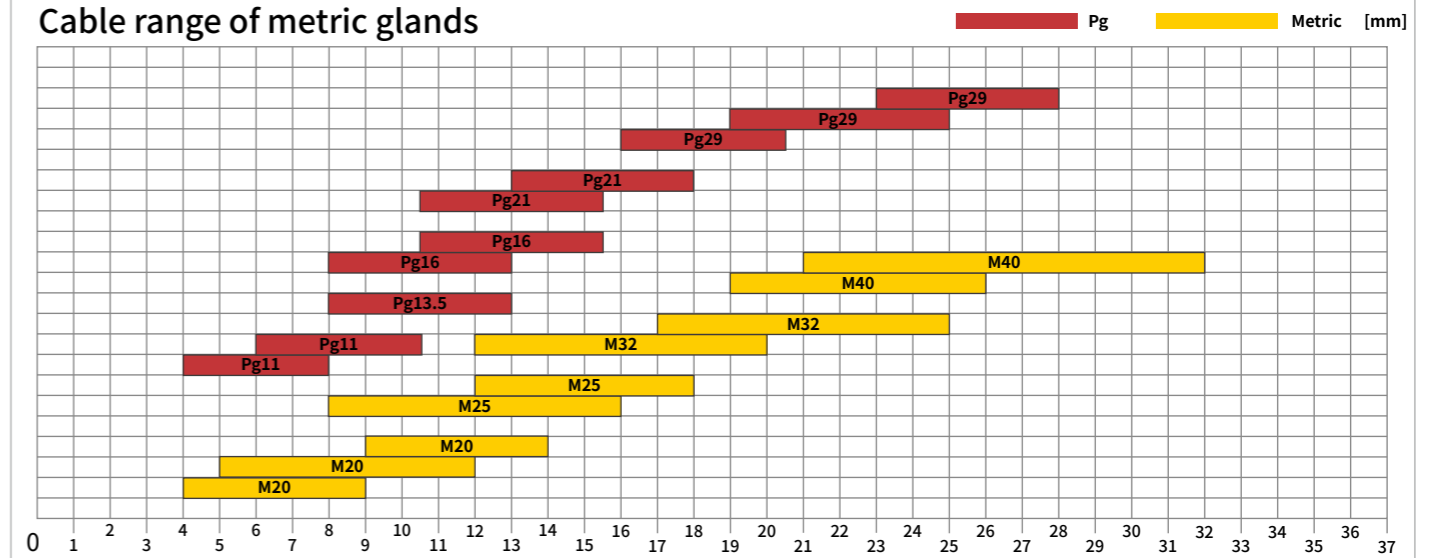


### Thread transformation

At the turn of the Millennium, the old, familiar Pg thread was replaced by the metric thread. On 31 December 1999, the DIN 46320 standard for Pg thread connections was withdrawn. It was replaced by the European Standard EN 50262 for metric threads – means that with the year 2000, only cable glands with metric connection threads have to be used. The changeover affects not only cable glands, but also all housing systems and appliances into which cables must be inserted. Sizes Pg 7 to Pg 48 were replaced by metric sizes M 12 to M 63

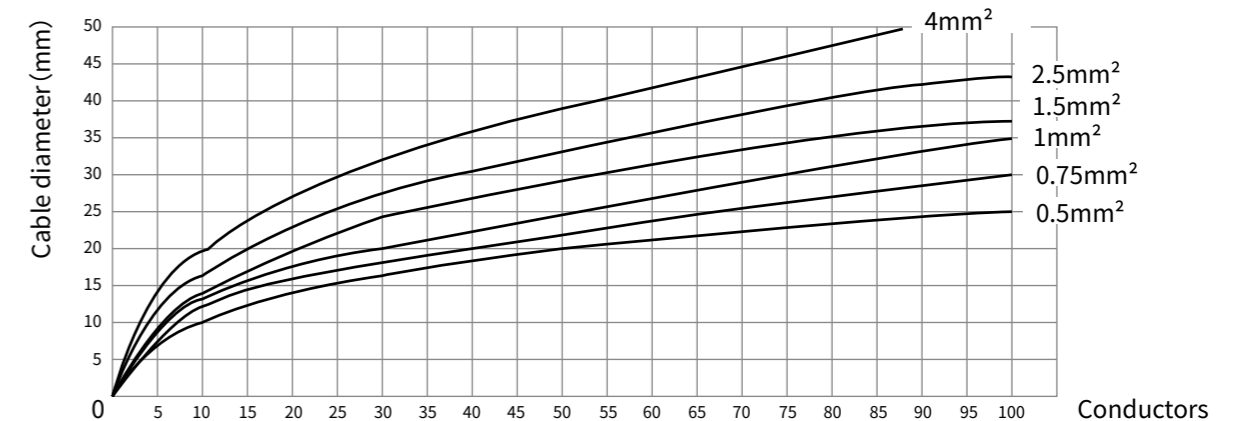
Pg	Pg (φ)	Metric	Metric (φ)
Pg13.5	20.4	M20	20
Pg13.5	20.4	M20/M25	21
Pg16	22.5	M20/M25	22
Pg16	22.5	M20/M25	23
Pg21	28.3	M25/M32	28
Pg29	37	M32/M40	37
Pg36	47	M40/M50	47

### Cable range of metric glands



### Conductors and cable diameter

This diagram shows the cable diameters for different gauges and number of conductors. All data is the average for commercial cables.



Please note the following safety information:

- Never plug or unplug connectors under load or during operation.
- We can only guarantee the technical and electro-technical characteristics promised in this catalogue if all the components were supplied by InKonn.

The following standards apply in the vicinity of heavy-duty connectors:

- DIN EN 60664-1 or IEC 60664-1: Insulation coordination for equipment within low-voltage systems; principles, requirements and tests (replaces DIN VDE 0110-1)
- DIN EN 61984 or IEC 61984:  
Plug-in connectors-safety requirements and tests
- DIN EN 175301-801:  
Detail Specification: High-density rectangular plug-in connectors, round removable crimp contacts; (replaces DIN 43652)
- DIN EN 60352 or IEC 60352:  
Solderless connections
- DIN EN 60529 or IEC 60529:  
Classes of protection provided by enclosures (IP code)
- DIN VDE 0870:  
Electromagnetic influence
- DIN EN 60999-1:  
Connecting devices, safety requirements for screw terminal connections and screwless terminal connections and screwless terminal connections for electrical copper conductors
- DIN 40050-9:  
Road vehicles; classes of protection (IP code)
- UL 1977:  
Component connectors for use in data, signal, control and power applications



## Size A03 Inserts & Housings



### Contents

			Pages
IA-03	230/400V	10A	01-04
IA-04	230/400V	10A	01-04
ID-07	250V	10A	01-06
ID-08	50V	10A	01-08
IQ-05	230/400V	16A	01-10
IQ-07	400V	10A	01-12
IQ-12	400V	10A	01-14

### Contents

	Pages
HA 03 Plastic	01-15
HA 03 Standard	01-19
HA 03 Outdoor	01-23

Sare®  
A03

Features

- Carries currents up to 10A
- No Special tools required
- Suitable for all metal and plastic hoods and housings of the A03

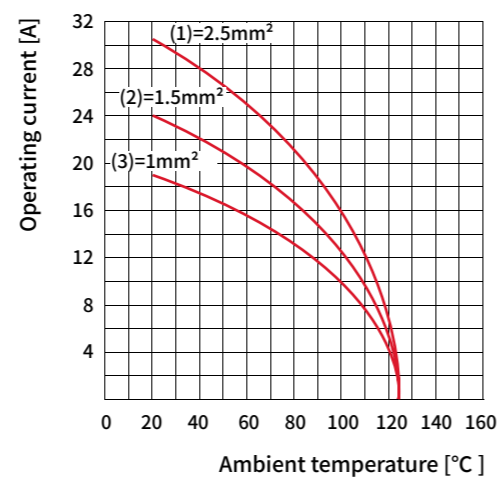
Technical characteristics

Number of contacts		3, 4
Rated current	[A]	10
Rated voltage (conductor-earth)	[V]	230
Rated voltage (conductor-conductor)	[V]	400
Rated impulse voltage	[kV]	4
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Surface(contact)		Silver plated
Stripping length	[mm]	2.5 ... 5.5
Tightening torque	[Nm]	0.25
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:  
IEC 60664-1,  
IEC 61984

Derating Diagram



Number of contacts: 3 + PE, 4 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
<p>SCREW termination</p>	0.75 ... 2.5mm <sup>2</sup>	Female	10 30 003 1200	IA-003-F	<p>Female: 26.2, 21, 27 Male: 21, 27</p>
	With NBR Seal	Male	10 30 003 1100	IA-003-M	
	With FPM Seal	Male	10 30 003 1101	IA-003-M/FPM	
<p>SCREW termination</p>	0.75 ... 2.5mm <sup>2</sup>	Female	10 30 004 1200	IA-004-F	<p>Female: 27, 21, 27.8 Male: 21, 27.8</p>
	With NBR Seal	Male	10 30 004 1100	IA-004-M	
	With FPM Seal	Male	10 30 004 1101	IA-004-M/FPM	
<p>SPRING termination</p>	0.14 ... 2.5mm <sup>2</sup>	Female	10 30 004 3200	IA-004-SF	<p>Female: 32, 21, 31.5 Male: 22.7, 31.5</p>
	With NBR Seal	Male	10 30 004 3100	IA-004-SM	
	With FPM Seal	Male	10 30 004 3101	IA-004-SM/FPM	

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Features

- Rapid and efficient connection through crimping
- Gold and silver contacts available
- Suitable for thermo- and 1mm FO contacts

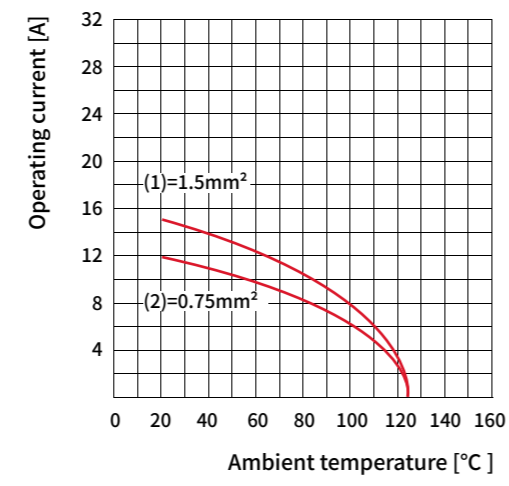
Technical characteristics

Number of contacts		7
Rated current	[A]	10
Rated voltage	[V]	250
Rated impulse voltage	[kV]	4
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(seal)		NBR/FPM
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant




Specifications

Compliant:  
  
IEC 60664-1,  
IEC 61984

Derating Diagram



Number of contacts: 7 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 31 007 2200	ID-007-CF	Female: 21mm width, 33.5mm height Male: 21mm width, 31.7mm height  
	With NBR Seal	Male	10 31 007 2100	ID-007-CM	
	With FPM Seal	Male	10 31 007 2101	ID-007-CM/FPM	
Please order <b>CD</b> crimp contacts separately					
To achieve the 250V rating, these Inserts can only be used in PLASTIC housings!  If metal housings are a must for your application, please select the IQ-007 inserts on page 01-11 instead.					

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Sare® A03

**Features**

- Rapid and efficient connection through crimping
- Gold and silver contacts available
- Suitable for metal hoods and housings size A03

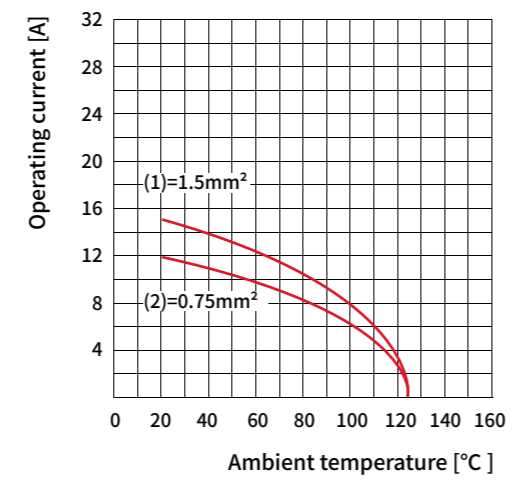
**Technical characteristics**

Number of contacts		8
Rated current	[A]	10
Rated voltage	[V]	50
Rated impulse voltage	[kV]	0.8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Material(seal)		NBR/FPM
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant


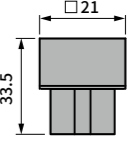
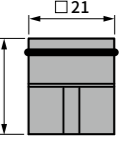


**Specifications**

Compliant:  
IEC 60664-1,  
IEC 61984

**Derating Diagram**



**Number of contacts: 8**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination  For a more modern alternative, the IQ-012 inserts on page 01-13 can achieve 400V.	0.14 ... 2.5mm <sup>2</sup>	Female	10 31 008 2200	ID-008-CF	Female:  Male:  Pin layouts: Female:  Male: 
	With NBR Seal	Male	10 31 008 2100	ID-008-CM	
	With FPM Seal	Male	10 31 008 2101	ID-008-CM/FPM	

Please order **CD** crimp contacts separately

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A03

Features

- Compact design saves space
- Suitable for Sare® CE crimp contact

Technical characteristics

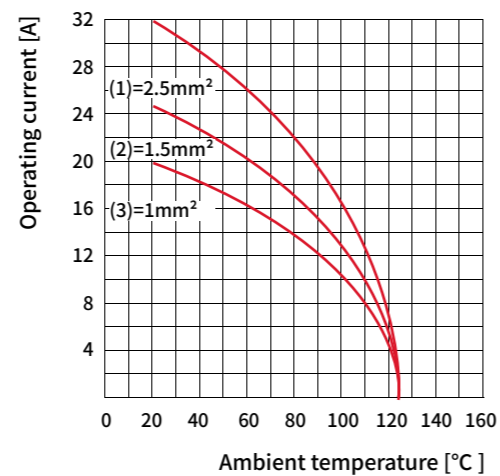
Number of contacts		5
Rated current	[A]	16
Rated voltage (conductor-earth)	[V]	230
Rated voltage (conductor-conductor)	[V]	400
Rated impulse voltage	[kV]	4
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 1
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Material(accessories)		Polyamide
Color(accessories)		Red
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications


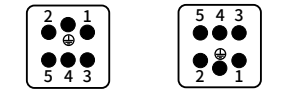

Compliant:

IEC 60664-1,  
IEC 61984

Derating Diagram



Number of contacts: 5 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 36 005 2200	IQ-005/0-CF	Female: 21mm width, 31.4mm height, 40mm depth Male: 21mm width, 30.8mm height, 39.5mm depth 
	With NBR Seal	Male	10 36 005 2100	IQ-005/0-CM	
	With FPM Seal	Male	10 36 005 2101	IQ-005/0-CM/FPM	
Please order <b>CE</b> crimp contacts separately 					

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Features

- Compact design saves space
- Suitable for Sare® CD crimp contact
- 6 coding options

Technical characteristics

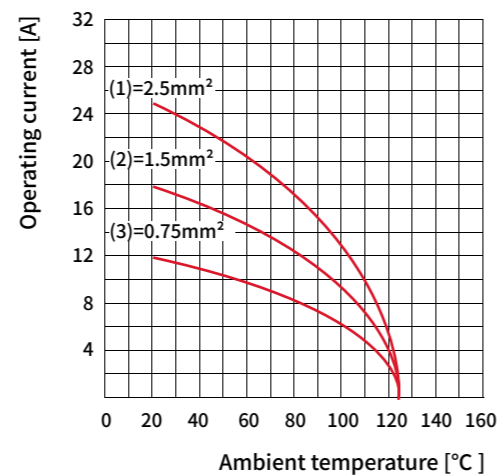
Number of contacts		7
Rated current	[A]	10
Rated voltage	[V]	400
Rated impulse voltage	[kV]	6
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Material(accessories)		Thermoplastic
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications


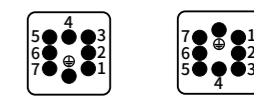
Compliant:

IEC 60664-1,  
IEC 61984

Derating Diagram



Number of contacts: 7 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 36 007 2200	IQ-007/0-CF	Female: 21mm width, 31.4mm height, 40mm length Male: 21mm width, 30.8mm height, 39.5mm length 
	With NBR Seal	Male	10 36 007 2100	IQ-007/0-CM	
	With FPM Seal	Male	10 36 007 2101	IQ-007/0-CM/FPM	
Please order <b>CD</b> crimp contacts separately					

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Features

- Suitable for Sare® CD crimp contact
- 16 coding options

Technical characteristics

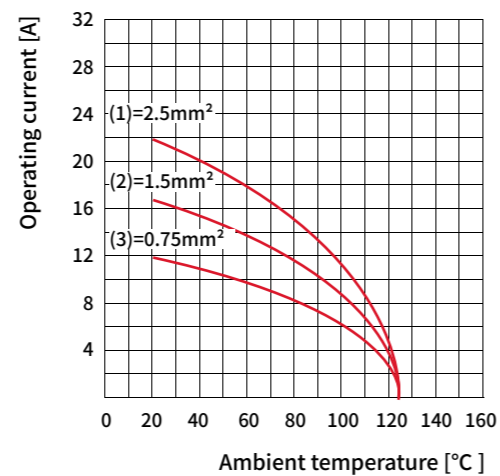
Number of contacts		12
Rated current	[A]	10
Rated voltage	[V]	400
Rated impulse voltage	[kV]	6
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Material(accessories)		Thermoplastic
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications


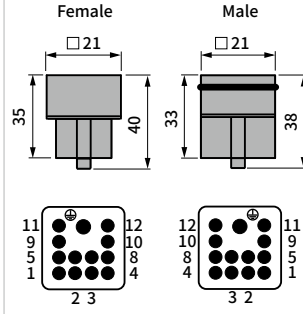
Compliant:

IEC 60664-1,  
IEC 61984

Derating Diagram



Number of contacts: 12 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 36 012 2200	IQ-012/0-CF	
	With NBR Seal	Male	10 36 012 2100	IQ-012/0-CM	
	With FPM Seal	Male	10 36 012 2101	IQ-012/0-CM/FPM	
Please order <b>CD</b> crimp contacts separately					

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Single locking




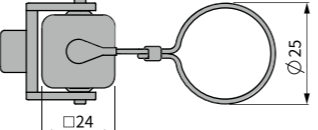


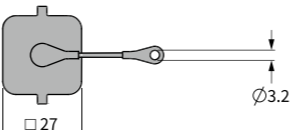

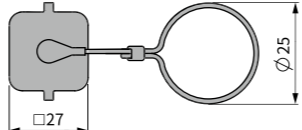
General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Polycarbonate
Color(housing)	RAL7032(pebble grey), RAL9005(jet black)
Material(housing seal)	NBR
Material(locking)	Polyamide
Color(locking)	RAL 7032(pebble grey), RAL9005(jet black)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<b>Hood, top entry</b>				
	Grey			
	1 x M20	10 07 003 0001	HPA03-TE-DB-M20	
	Black			
	1 x M25	10 07 003 0002	HPA03-TE-DB-M25	
	Grey			
	1 x M20	10 07 003 0071	HPA03-TE-DB-M20/BK	
	Black			
	1 x M25	10 07 003 0072	HPA03-TE-DB-M25/BK	
<b>Hood, side entry</b>				
	Grey			
	1 x M20	10 07 003 0101	HPA03-SE-DB-M20	
	Black			
	1 x M20	10 07 003 0171	HPA03-SE-DB-M20/BK	
<b>Bulkhead mounted housings, straight</b>				
	Grey			
	1 x M20	10 07 003 0510	HPA03-BM-SL	
	Black			
	1 x M20	10 07 003 0570	HPA03-BM-SL/BK	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<b>Bulkhead mounted housings, angled</b>				
	Grey			
	1 x M20	10 07 003 3510	HPA03-ABM-SL	
	Black			
	1 x M20	10 07 003 3570	HPA03-ABM-SL/BK	
<b>Surface mounted housings, Closed bottom</b>				
	Grey			
	1 x M20	10 07 003 0611	HPA03-SM-SL-M20	
	Black			
	1 x M20	10 07 003 0671	HPA03-SM-SL-M20/BK	
<b>Cable to cable housings</b>				
	Grey			
	1 x M20	10 07 003 0411	HPA03-CTC-SL-M20	
	Black			
	1 x M20	10 07 003 0471	HPA03-CTC-SL-M20/BK	

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Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cover, thermoplastic, for hoods, with fixing cord 	Grey For			
	Female inserts	10 07 003 0810	HPA03-PC/F-SL-O	
Cover, thermoplastic, for bulkhead mounted, for surface mounted, with fixing cord  	Grey For			
	Female inserts	10 07 003 0804	HPA03-PC/F-DB-T	
	Male inserts	10 07 003 0805	HPA03-PC/M-DB-T	
	Black For			
Female inserts	10 07 003 0874	HPA03-PC/F-DB-T/BK		
Male inserts	10 07 003 0875	HPA03-PC/M-DB-T/BK		
Cover, thermoplastic, for surface mounted, for cable to cable, with fixing cord 	Grey For			
	Female inserts	10 07 003 0802	HPA03-PC/F-DB-O	
Male inserts	10 07 003 0803	HPA03-PC/M-DB-O		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)

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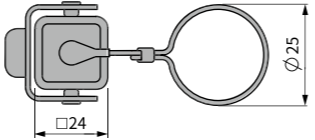

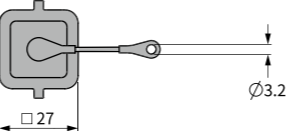

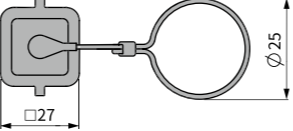


General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Zinc die-cast
Surface(housing)	Powder-coating
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hoods, top entry	1 x M20	10 01 003 0001	HA03-TE-DB-M20	
	1 x M25	10 01 003 0002	HA03-TE-DB-M25	
Hoods, side entry	1 x M20	10 01 003 0101	HA03-SE-DB-M20	
Bulkhead mounted housings, straight	No cover	10 01 003 0560	HA03-BM-SL/S	
	With metal cover For			
	Female inserts	10 01 003 0562	HA03-BM-MC/F-SL/S	
	Male inserts	10 01 003 0561	HA03-BM-MC/M-SL/S	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings, angled		10 01 003 3560	HA03-ABM-SL/S	
Surface mounted housings	Open bottom			
	1 x M20	10 01 003 0661	HA03-SMO-SL/S-M20	
	Closed bottom			
1 x M20	10 01 003 0662	HA03-SM-SL/S-M20		
Cable to cable housings	1 x M20	10 01 003 0461	HA03-CTC-SL/S-M20	
	1 x M25	10 01 003 0462	HA03-CTC-SL/S-M25	


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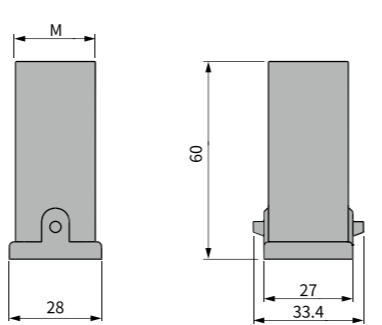

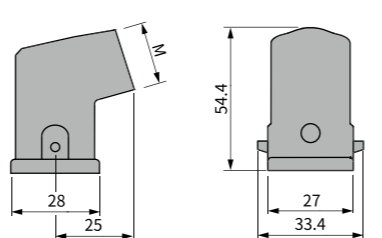

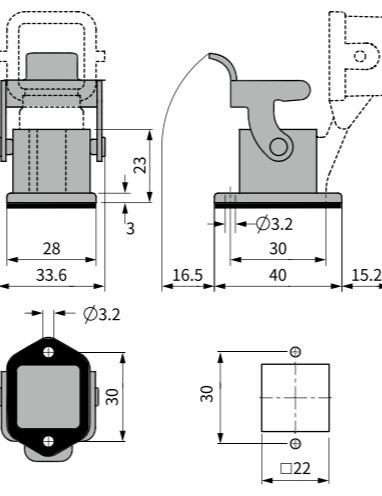
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<p>Cover, metal, for hoods, with fixing cord</p> 	<p>For Female inserts Male inserts</p>	<p>10 01 003 0860 10 01 003 0861</p>	<p>HA03-MC/F-SL/S-O HA03-MC/M-SL/S-O</p>	
<p>Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord</p> 	<p>For Female inserts Male inserts</p>	<p>10 01 003 0800 10 01 003 0801</p>	<p>HA03-MC/F-DB-T HA03-MC/M-DB-T</p>	
<p>Cover, metal, for surface mounted, for cable to cable, with fixing cord</p> 	<p>For Female inserts Male inserts</p>	<p>10 01 003 0802 10 01 003 0803</p>	<p>HA03-MC/F-DB-O HA03-MC/M-DB-O</p>	


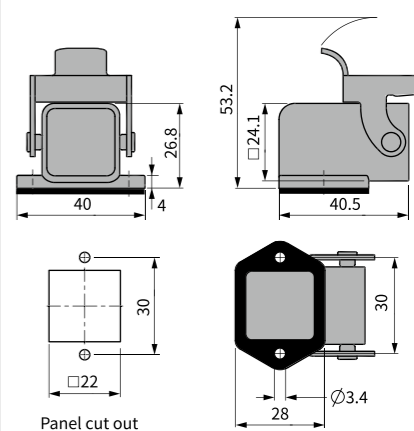

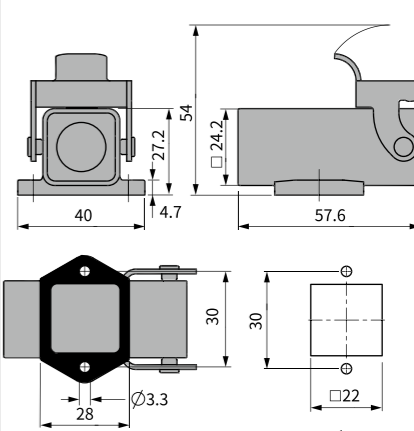

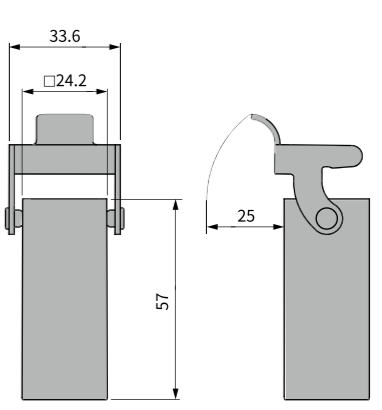
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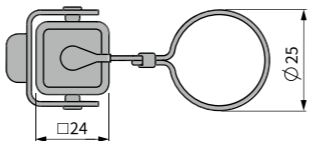

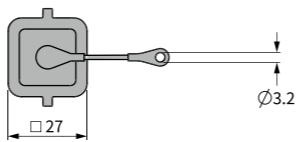
Sare® A03

Single locking	General technical data	
	Limiting temperature	-40 ... +125 °C
	Degree of protection acc. to IEC	IP67
	Degree of protection acc. to NEMA 250	4, 4X, 12
	Material(housing)	Zinc die-cast
	Surface(housing)	Powder-coated
	Color(housing)	RAL9005(jet black)
	Material(housing seal)	FPM
	Material(locking)	Stainless steel
	Material flammability class acc. to UL94	V-0
	RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<b>Hoods, top entry</b>				
	1 x M20	10 02 003 0001	HMA03-TE-DB-M20	
	1 x M25	10 02 003 0002	HMA03-TE-DB-M25	
<b>Hoods, side entry</b>				
	1 x M20	10 02 003 0101	HMA03-SE-DB-M20	
<b>Bulkhead mounted housings, straight</b>				
	No cover	10 02 003 0510	HMA03-BM-SL	
	With metal cover For			
	Female inserts	10 02 003 0551	HMA03-BM-MC/F-SL/S	
Male inserts	10 02 003 0550	HMA03-BM-MC/M-SL/S		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<b>Bulkhead mounted housings, angled</b>				
		10 02 003 3510	HMA03-ABM-SL	
<b>Surface mounted housings</b>				
	Open bottom			
	1 x M20	10 02 003 0611	HMA03-SMO-SL/S-M20	
<b>Cable to cable housings</b>				
	1 x M20	10 02 003 0411	HMA03-CTC-SL/S-M20	
	1 x M25	10 02 003 0412	HMA03-CTC-SL/S-M25	

Sare® A03

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<p>Cover, metal, for hoods, with fixing cord</p> 	<p>For Female inserts Male inserts</p>	<p>10 02 003 0810 10 02 003 0811</p>	<p>HMA03-MC/F-SL/S-O HMA03-MC/M-SL/S-O</p>	
<p>Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord</p> 	<p>For Female inserts Male inserts</p>	<p>10 02 003 0800 10 02 003 0801</p>	<p>HMA03-MC/F-DB-T HMA03-MC/M-DB-T</p>	

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## Size A Inserts & Housings



### Contents

### Pages

IA-10	250V	16A	02-04
IA-16	250V	16A	02-05
IA-32	250V	16A	02-06
ID-15	250V	10A	02-08
ID-25	250V	10A	02-09

### Contents

### Pages

HA Standard	02-11
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A

Features

- Small size
- Available with crimp and screw termination
- Screw termination also available with wire protection

Technical characteristics

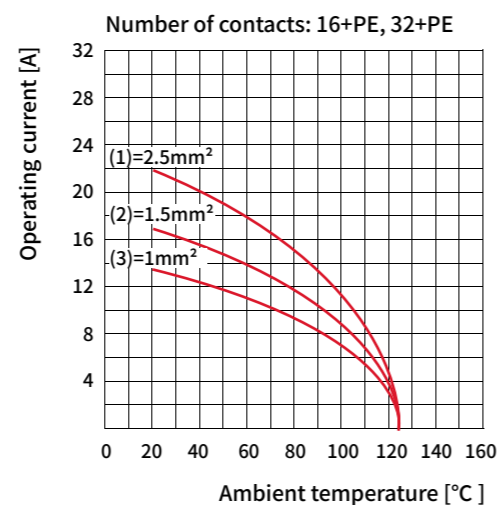
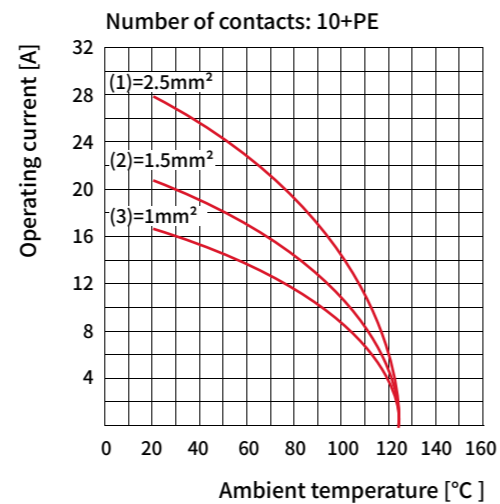
Number of contacts		10, 16, 32
Rated current	[A]	16
Rated voltage	[V]	250
Rated impulse voltage	[kV]	4
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 1
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Surface(contact)		Silver plated
Stripping length	[mm]	7.5
Tightening torque	[Nm]	0.5
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications


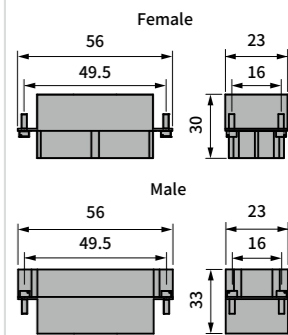

Compliant:

IEC 60664-1,  
IEC 61984

Derating Diagram




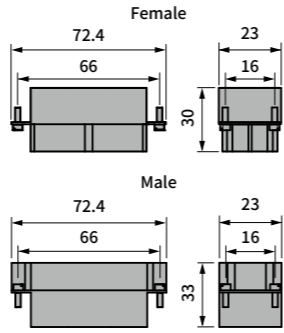
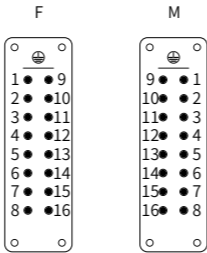
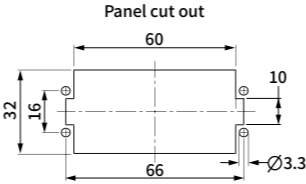

Number of contacts: 10 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
 SCREW termination	0.75 ... 2.5mm <sup>2</sup>	Female	10 30 010 1200	IA-010-F	 Female: 56, 49.5, 23, 16, 30 Male: 56, 49.5, 23, 16, 33 Pin layouts for F and M: F: 1-6, 2-7, 3-8, 4-9, 5-10 M: 6-1, 7-2, 8-3, 9-4, 10-5 Panel cut out: 43.5, 3, 10, 49.5, 3.3, 16, 32
		Male	10 30 010 1100	IA-010-M	
 CRIMP termination	0.14 ... 4mm <sup>2</sup>	Female	10 30 010 2200	IA-010-CF	
		Male	10 30 010 2100	IA-010-CM	

Please order **CE** crimp contacts separately

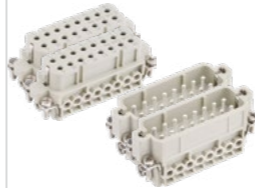
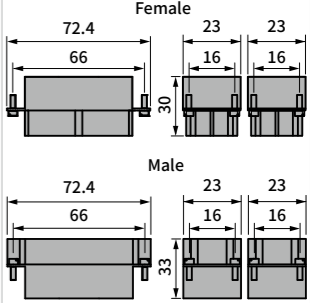
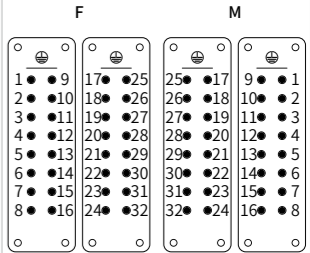
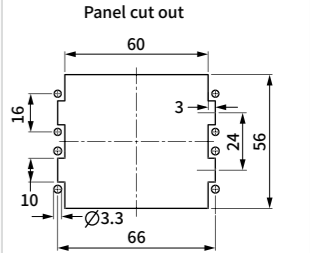

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A


Number of contacts: 16 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
SCREW termination 	0.75 ... 2.5mm <sup>2</sup>	Female	10 30 016 1200	IA-016-F	  
		Male	10 30 016 1100	IA-016-M	
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 30 016 2200	IA-016-CF	
		Male	10 30 016 2100	IA-016-CM	

Please order **CE** crimp contacts separately 

Number of contacts: 32 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
SCREW termination 	0.75 ... 2.5mm <sup>2</sup>	Female	10 30 032 1200	IA-032-F(1-16+17-32)	  
		Male	10 30 032 1100	IA-032-M(1-16+17-32)	
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 30 032 2200	IA-032-CF(1-16+17-32)	
		Male	10 30 032 2100	IA-032-CM(1-16+17-32)	

Please order **CE** crimp contacts separately 

Each article number is a set of x2 inserts

Features

- High density of contacts
- For requirements up to 250V/10A
- Rapid and efficient connection through crimping

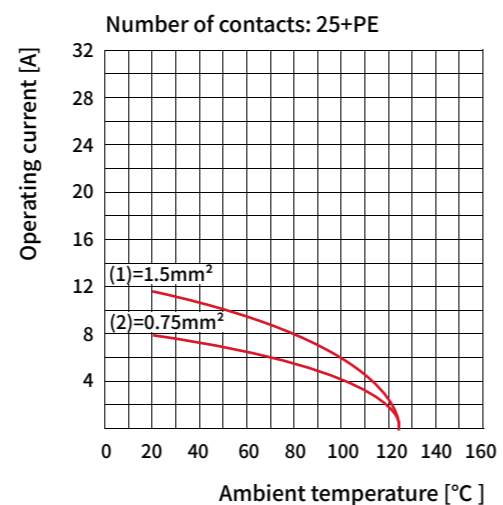
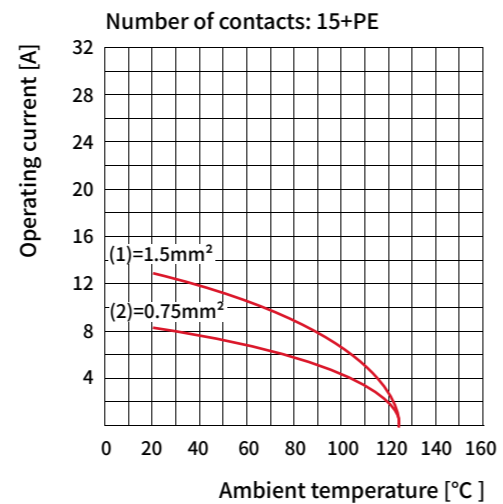
Technical characteristics

Number of contacts		15
Rated current	[A]	10
Rated voltage	[V]	250
Rated impulse voltage	[kV]	4
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Material(seal)		NBR
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant




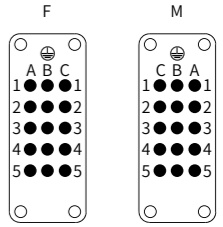
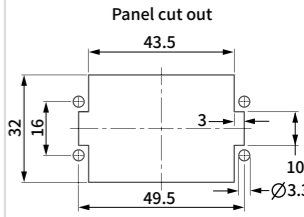
Specifications

Compliant:  
IEC 60664-1,  
IEC 61984

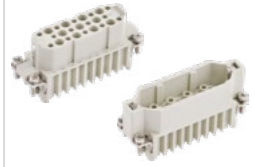
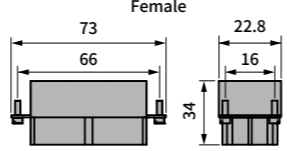
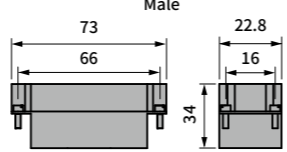
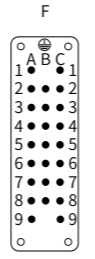
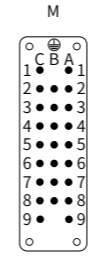
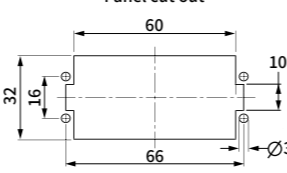
Derating Diagram



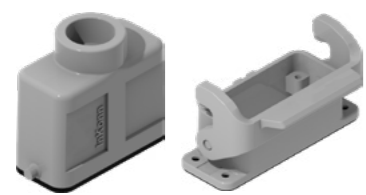
Number of contacts: 15 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 31 015 2200	ID-015-CF	 Female: 56.5, 49.5, 22.8, 16, 33.2 Male: 56.5, 49.5, 22.8, 16, 33
		Male	10 31 015 2100	ID-015-CM	
Please order <b>CD</b> crimp contacts separately 					 F: 1 A B C 1, 2 ● ● 2, 3 ● ● 3, 4 ● ● 4, 5 ● ● 5 M: 1 C B A 1, 2 ● ● 2, 3 ● ● 3, 4 ● ● 4, 5 ● ● 5
					 Panel cut out: 43.5, 49.5, 32, 16, 3, 10, Ø3.3


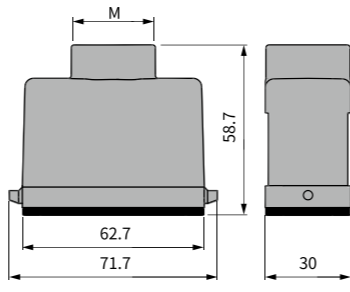

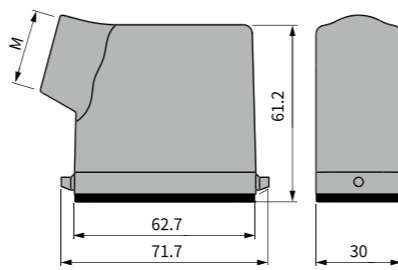
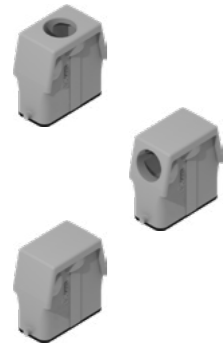
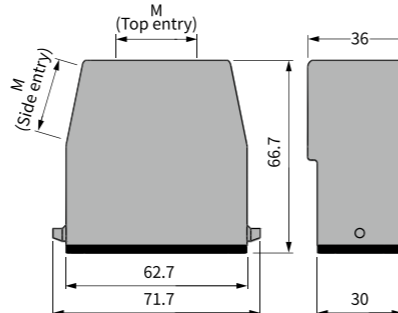
Number of contacts: 25 + PE


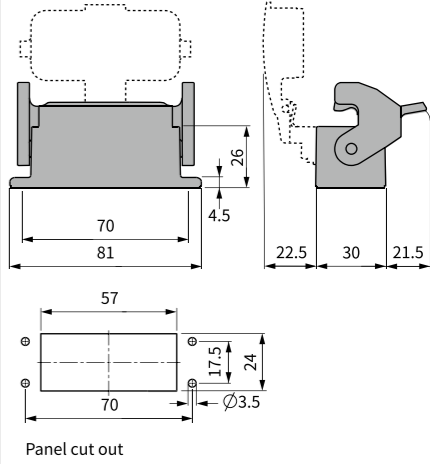

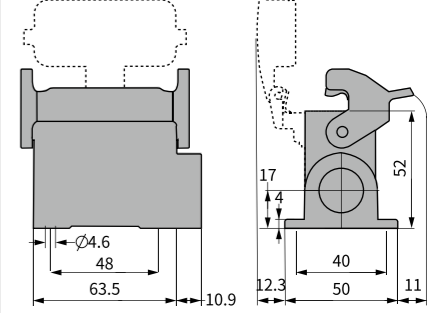

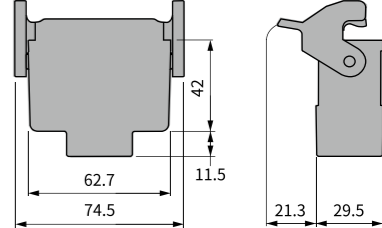
Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
<p>CRIMP termination</p> 	<p>0.14 ... 2.5mm<sup>2</sup></p>	<p>Female Male</p>	<p>10 31 025 2200 10 31 025 2100</p>	<p>ID-025-CF ID-025-CM</p>	<p><b>Dimensions (in mm)</b></p> <p><b>Female</b></p>  <p><b>Male</b></p>  <p><b>F</b></p>  <p><b>M</b></p>  <p><b>Panel cut out</b></p> 
<p>Please order <b>CD</b> crimp contacts separately</p>					

Single locking


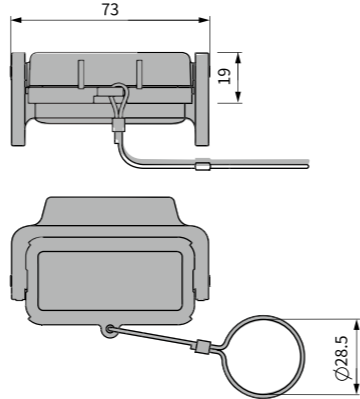

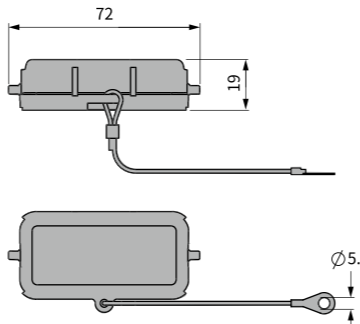


General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP44, IP65 with seal
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction 	1 x M20	10 01 010 0001	HA10-TE-DB-M20	
Hood, side entry low construction 	1 x M20	10 01 010 0101	HA10-SE-DB-M20	
Hood, high construction 	Top entry			
	1 x M25	10 01 010 1002	HA10-HTE-DB-M25	
	Side entry	10 01 010 1102	HA10-HSE-DB-M25	
No entries	10 01 010 1300	HA10-HNE-DB		

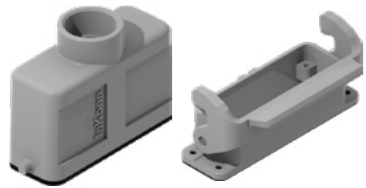
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings 	No cover	10 01 010 0510	HA10-BM-SL	
	Plastic cover	10 01 010 0551	HA10-BM-PC-SL	
Surface mounted housings, low construction 	No cover			
	1 x M25	10 01 010 0612	HA10-SM-SL-M25	
	2 x M20	10 01 010 0611	HA10-SM-SL-2M20	
	Plastic cover	10 01 010 0653	HA10-SM-PC-SL-2M20	
Cable to cable housings, low construction 	1 x M20	10 01 010 0401	HA10-CTC-SL-M20	


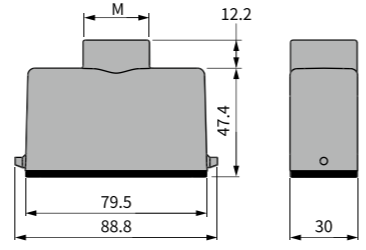

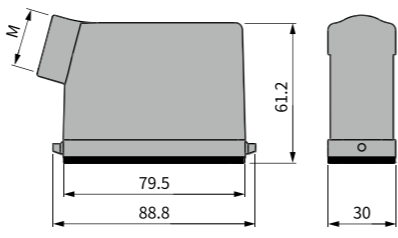
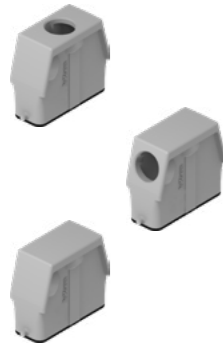
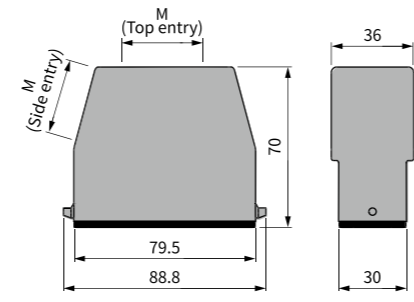



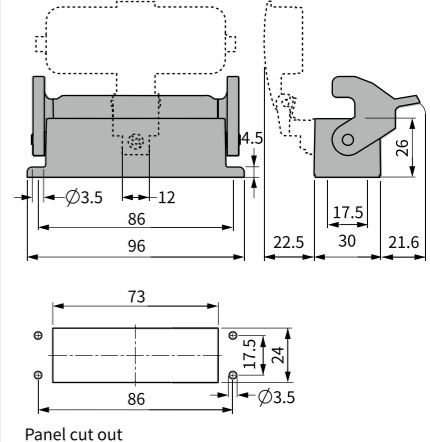
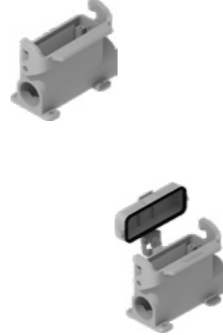
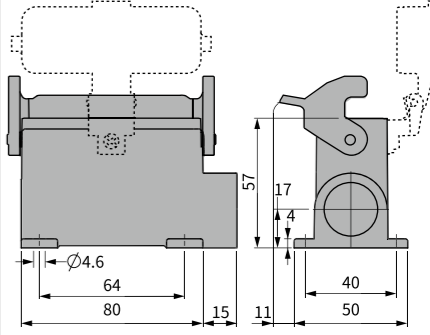
Sare® A	Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
	Cover, metal, for hoods, with fixing cord 		10 01 010 0810	HA10-MC/C-SL-O	
	Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord 		10 01 010 0800	HA10-MC/B-DP-T	

Sare® A	Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)

Sare®  
A


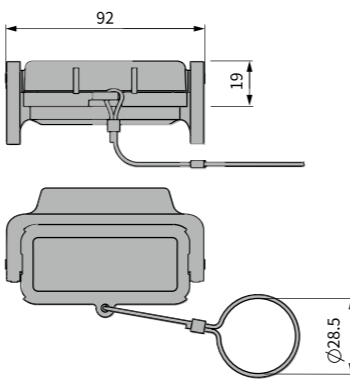

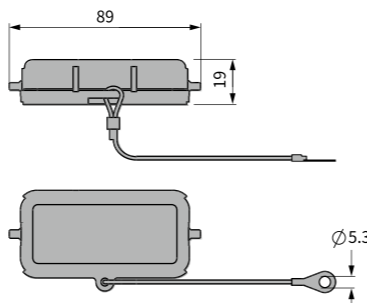
Single locking	General technical data	
	Limiting temperature	-40 ... +125 °C
	Degree of protection acc. to IEC	IP44, IP65 with seal
	Degree of protection acc. to NEMA 250	4, 4X, 12
	Material(housing)	Aluminium die-cast
	Color(housing)	RAL7037(dust grey)
	Material(housing seal)	NBR
	Material(locking)	Polycarbonate, Stainless steel
	Color(locking)	RAL 7037(dust grey)
	Material flammability class acc. to UL94	V-0
	RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction  	1 x M20	10 01 016 0001	HA16-TE-DB-M20	
Hood, side entry low construction  	1 x M20	10 01 016 0101	HA16-SE-DB-M20	
Hood, high construction  	Top entry			
	1 x M25	10 01 016 1002	HA16-HTE-DB-M25	
	Side entry			
1 x M25	10 01 016 1102	HA16-HSE-DB-M25		
	No entries	10 01 016 1300	HA16-HNE-DB	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings  	No cover	10 01 016 0510	HA16-BM-SL	
	Plastic cover	10 01 016 0551	HA16-BM-PC-SL	
Surface mounted housings, low construction  	No cover			
	1 x M25	10 01 016 0612	HA16-SM-SL-M25	
	2 x M20	10 01 016 0611	HA16-SM-SL-2M20	
	2 x M25	10 01 016 0610	HA16-SM-SL-2M25	
	Plastic cover			
	2 x M20	10 01 016 0651	HA16-SM-PC-SL-2M20	

Sare®  
A

Sare®  
A

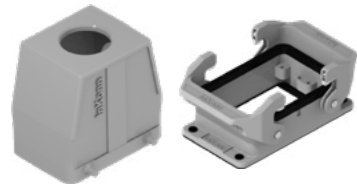
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cover, metal, for hoods, with fixing cord  		10 01 016 0810	HA16-MC/C-SL-O	
Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord  		10 01 016 0800	HA16-MC/B-DP-T	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)

Sare®  
A

Sare®  
A

Double locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP44, IP65 with seal
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

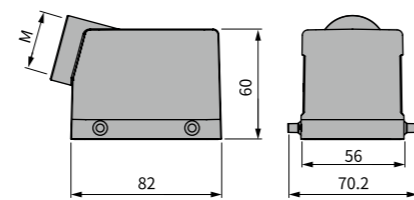
Hood, side entry  
low construction



1 x M25

10 01 032 0142

HA32-SE-QB-M25



Hood,  
high construction



Top entry

1 x M25

10 01 032 1042

HA32-HTE-QB-M25

1 x M32

10 01 032 1043

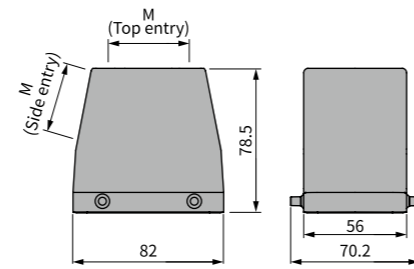
HA32-HTE-QB-M32

Side entry

1 x M32

10 01 032 1143

HA32-HSE-QB-M32



Identification

Bulkhead mounted  
housings



Cable entry

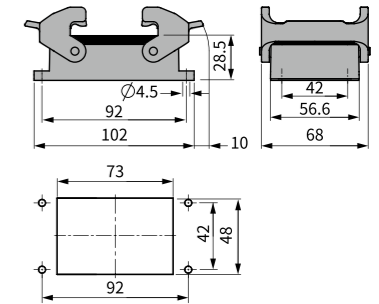
Part No.

Type Name

Dimensions (in mm)

10 01 032 0520

HA32-BM-DL



Panel cut out

Surface mounted  
housings,  
high construction



1 x M25

10 01 032 1622

HA32-HSM-DL-M25

1 x M32

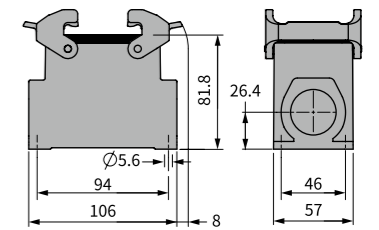
10 01 032 1623


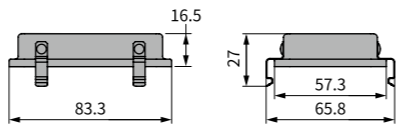

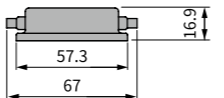
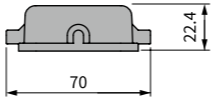

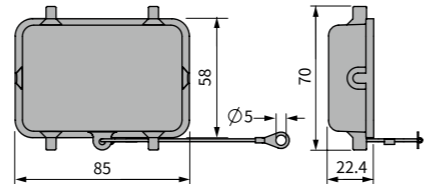
HA32-HSM-DL-M32

2 x M32

10 01 032 1624

HA32-HSM-DL-2M32



Sare® A	Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
	Cover, metal, for hoods  		10 01 032 0810	HA32-MC/C-QC	
	Cover, for bulkhead mounted, for surface mounted  	Metal	10 01 032 0840	HA32-MC/B-QP	
		PC	10 01 032 0800	HA32-PC/B-QB	
	Cover, thermoplastic, for bulkhead mounted, for surface mounted, with fixing cord  		10 01 032 0831	HA32-PC/B-QB-T	

Sare® A	Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)

Sare®  
A

Reversed double locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP44, IP65 with seal
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

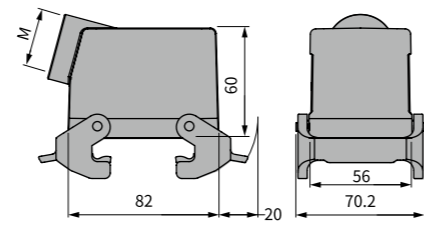
Hood, side entry  
low construction



1 x M25

10 01 032 0122

HA32-SE-DL-M25



Hood,  
high construction



Top entry

1 x M32

10 01 032 1023

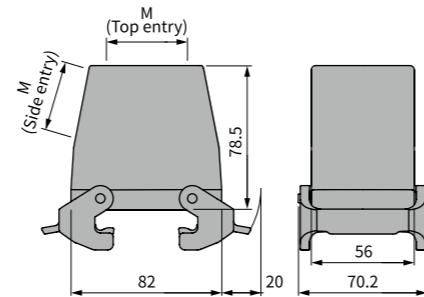
HA32-HTE-DL-M32

Side entry

1 x M32

10 01 032 1123

HA32-HSE-DL-M32



Identification

Bulkhead mounted  
 housings



Plastic cover

10 01 032 0540

HA32-BM-PC-QP

Surface mounted  
 housings,  
 high construction



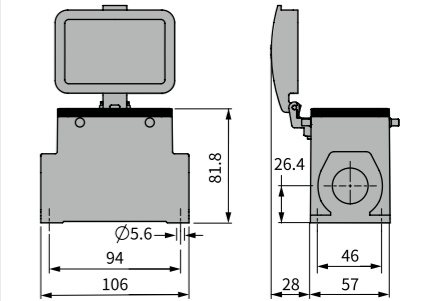
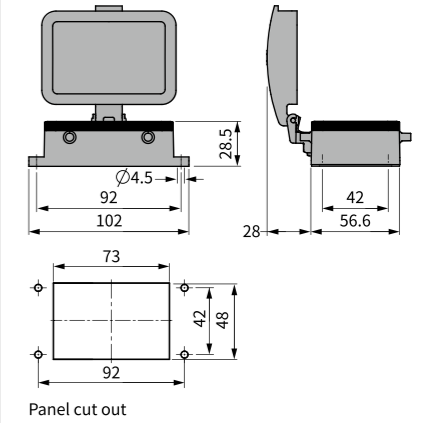
Plastic cover

1 x M25

10 01 032 1642

HA32-HSM-PC-QP-M25

Dimensions (in mm)



Sare®  
A



**Contents**

**Pages**

ID	250V	10A	03-04
IDD	250V	10A	03-07
IE	500V	16A	03-15
IEE	500V	16A	03-23
IEEE	500V	16A	03-31
ISB	400/690V	35A	03-35
IK	230 - 830V	16 - 80A	03-39
Modular	50 - 1000V	4 - 200A	03-53

## Size B Inserts & Housings



**Contents**

**Pages**

HB Standard	03-111
HB Outdoor	03-161
HB EMC	03-183

Features

- High density of contacts
- For requirements up to 250 V/ 10 A
- Rapid and efficient connection through crimping

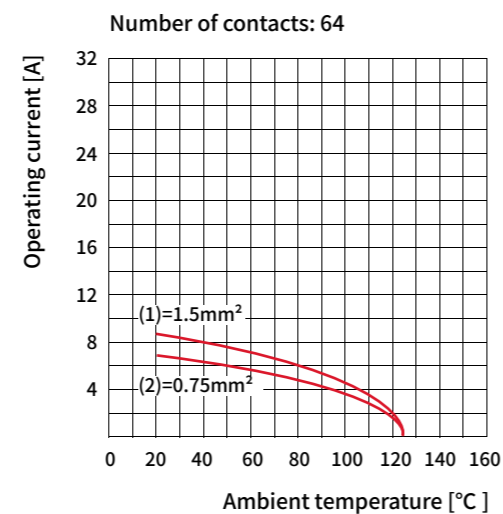
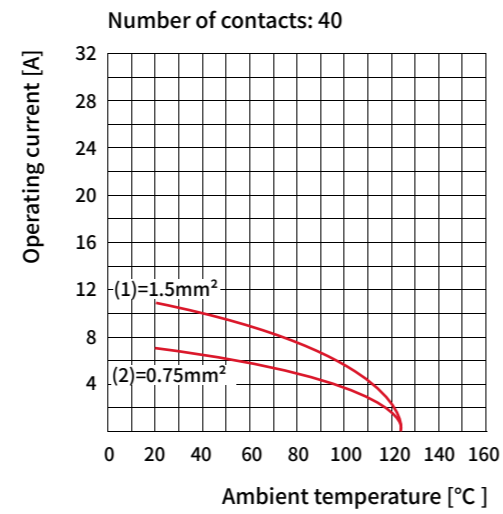
Technical characteristics

Number of contacts		40, 64
Rated current	[A]	10
Rated voltage	[V]	250
Rated impulse voltage	[kV]	4
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(seal)		NBR
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant


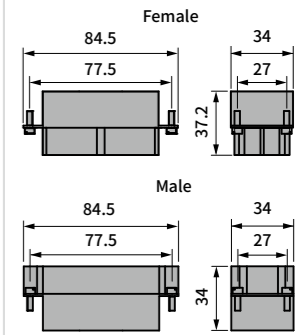

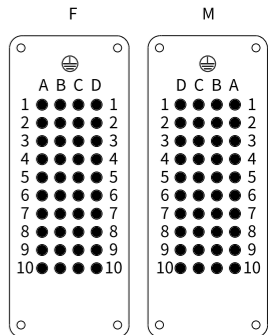
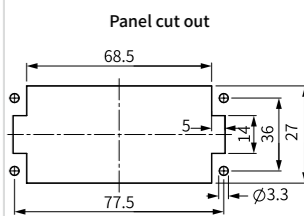
Specifications

Compliant:  
IEC 60664-1, IEC 61984

Derating Diagram



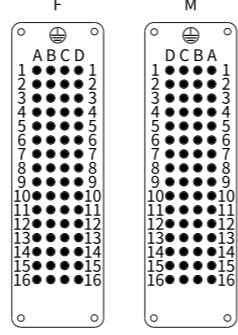
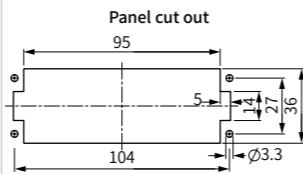


Number of contacts: 40 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 31 040 2200	ID-040-CF	
		Male	10 31 040 2100	ID-040-CM	
Please order <b>CD</b> crimp contacts separately 					
					
					



Number of contacts: 64 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
<p>CRIMP termination</p> 	<p>0.14 ... 2.5mm<sup>2</sup></p>	<p>Female Male</p>	<p>10 31 064 2200 10 31 064 2100</p>	<p>ID-064-CF ID-064-CM</p>	  

Please order **CD** crimp contacts separately



Features

- High density of contacts
- For requirements up to 250 V/ 10 A
- Time saving by use of crimping contacts

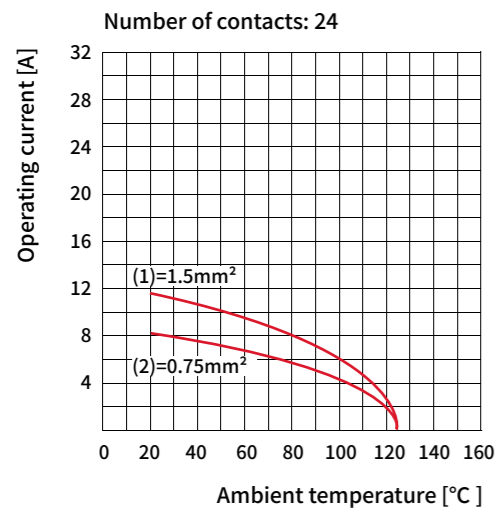
Technical characteristics

Number of contacts		24, 42, 72, 108, 144, 216
Rated current	[A]	10
Rated voltage	[V]	250
Rated impulse voltage	[kV]	4
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

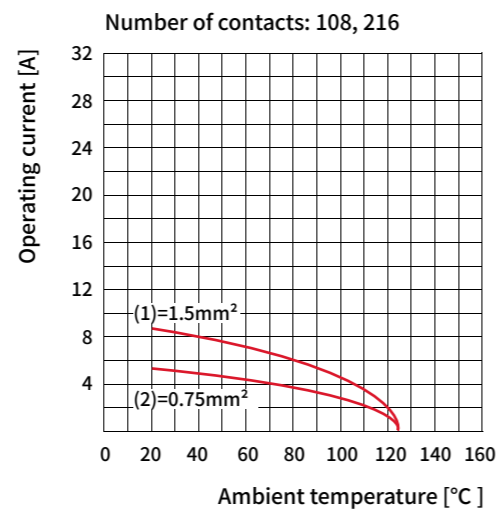
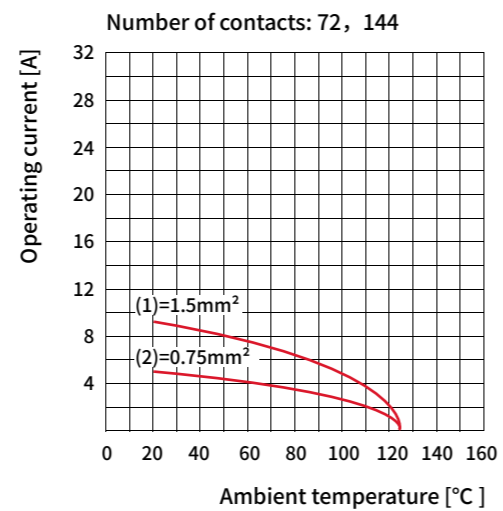
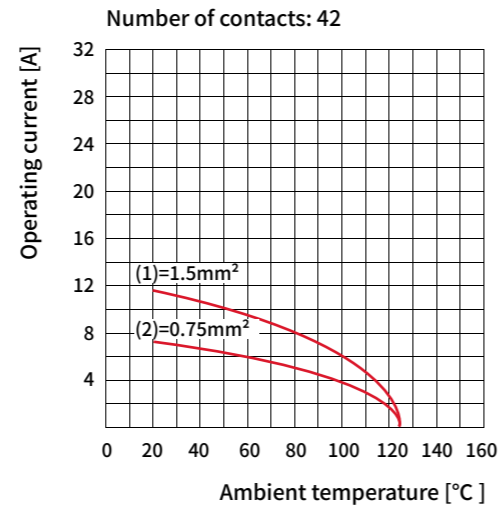
Specifications

Compliant:  
IEC 60664-1, IEC 61984


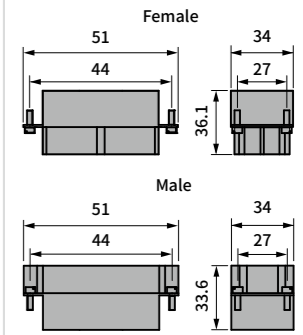
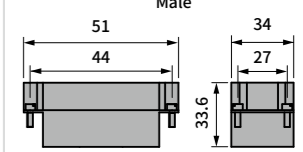
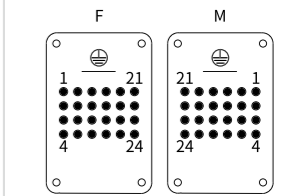
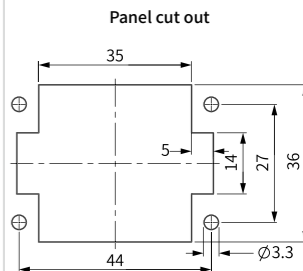

Derating Diagramm





Derating Diagram

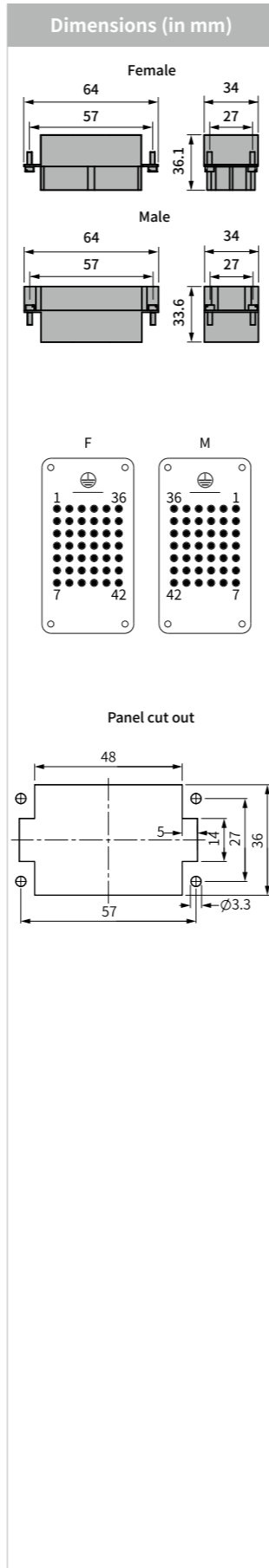


Number of contacts: 24 + PE



Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 31 024 2200	IDD-024-CF	   
		Male	10 31 024 2100	IDD-024-CM	
Please order <b>CD</b> crimp contacts separately 					

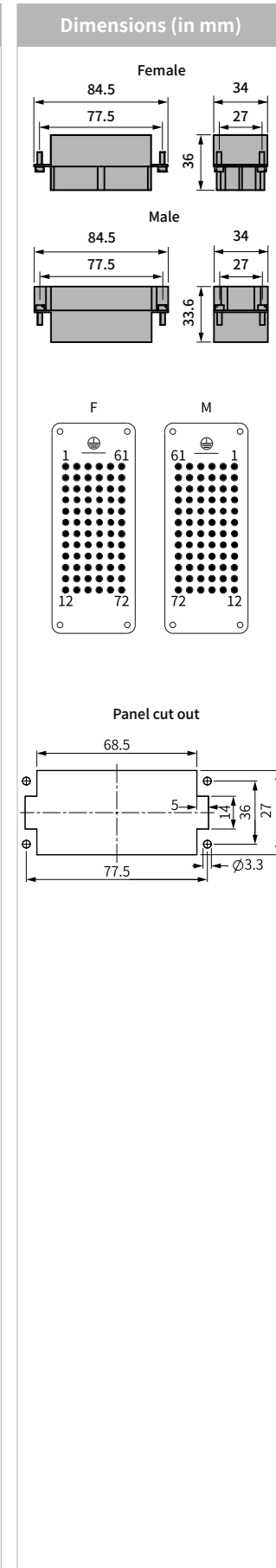
Number of contacts: 42 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 31 042 2200	IDD-042-CF
		Male	10 31 042 2100	IDD-042-CM
Please order <b>CD</b> crimp contacts separately 				


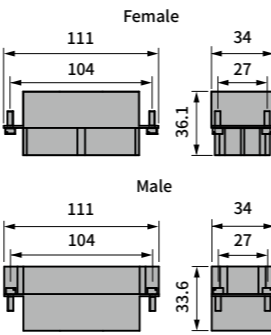


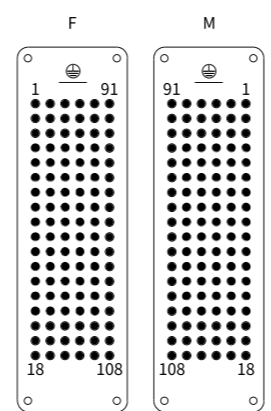
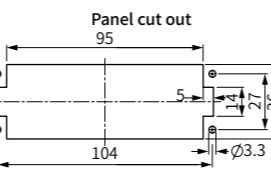


Number of contacts: 72 + PE


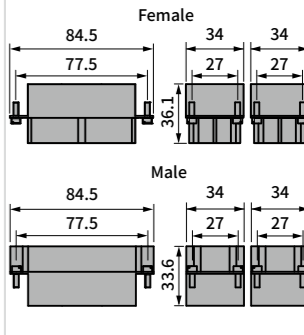


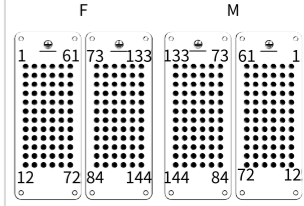
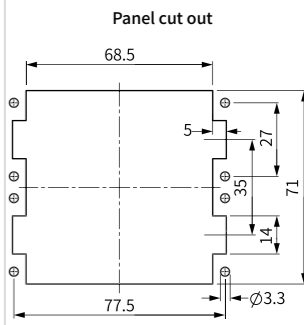
Identification	Conductor Cross-section	Gender	Part No.	Type Name
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 31 072 2200	IDD-072-CF
		Male	10 31 072 2100	IDD-072-CM
Please order <b>CD</b> crimp contacts separately 				



Number of contacts: 108 + PE


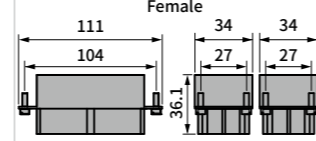
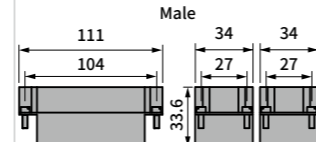
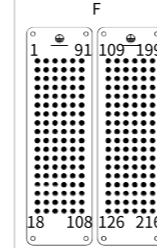
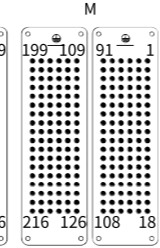
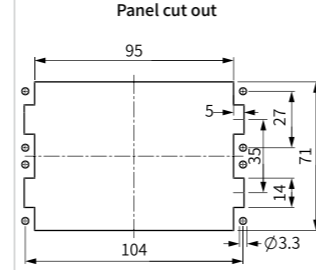

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 31 108 2200	IDD-108-CF	
		Male	10 31 108 2100	IDD-108-CM	
Please order  crimp contacts separately 					
					
					

Number of contacts: 144 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 31 144 2200	IDD-144-CF(1-72+73-144)	
		Male	10 31 144 2100	IDD-144-CM(1-72+73-144)	
Please order  crimp contacts separately 					
					
					

Each article number is a set of x2 inserts.

Number of contacts: 216 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
<p>CRIMP termination</p> 	<p>0.14 ... 2.5mm<sup>2</sup></p>	<p>Female Male</p>	<p>10 31 216 2200 10 31 216 2100</p>	<p>IDD-216-CF(1-108+109-216) IDD-216-CM(1-108+109-216)</p>	<p><b>Female</b></p>  <p><b>Male</b></p>  <p><b>F</b></p>  <p><b>M</b></p>  <p><b>Panel cut out</b></p> 
<p>Please order <b>CD</b> crimp contacts separately</p> 					

Each article number is a set of x2 inserts.

Sare® B

Features

- Covers a wide range of conductor cross-sections
- Screw termination with wire protection
- Carries currents up to 16 A
- Rapid and efficient connection without tools
- Vibration-proved

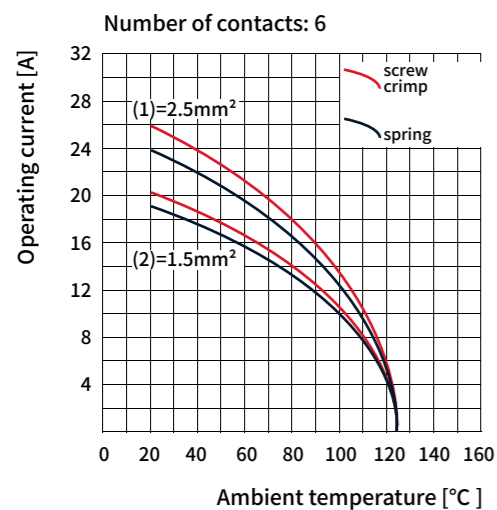
Technical characteristics

Number of contacts		6, 10, 16, 24, 32, 48
Rated current	[A]	16
Rated voltage	[V]	500
Rated impulse voltage	[kV]	6
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 1
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

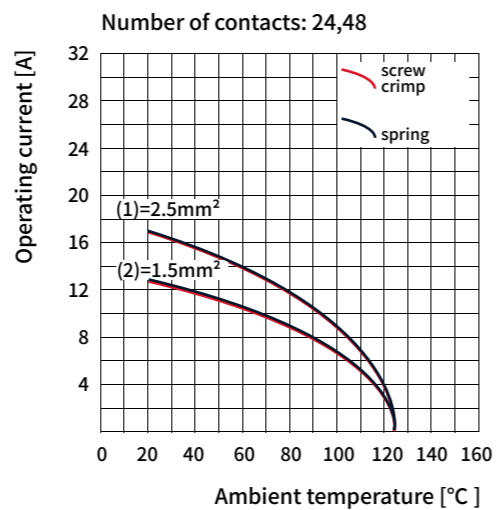
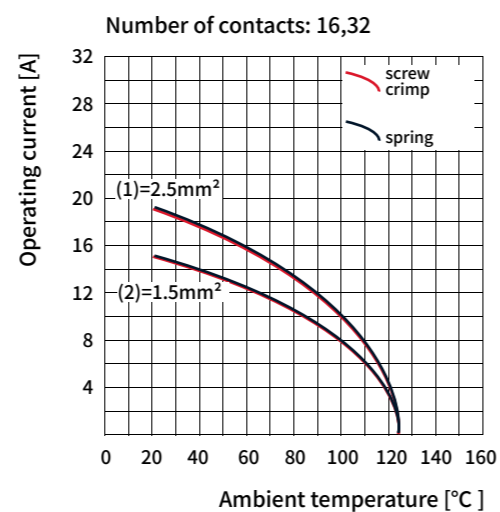
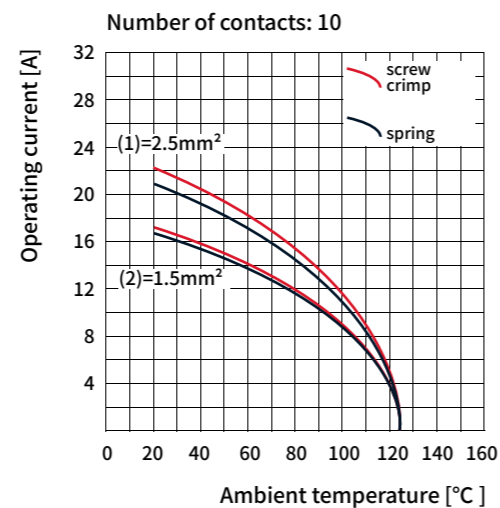
Specifications

Compliant:  
IEC 60664-1, IEC 61984


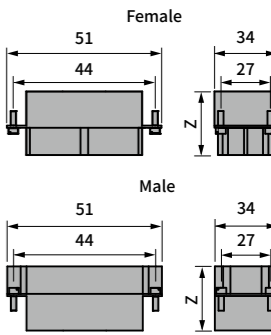
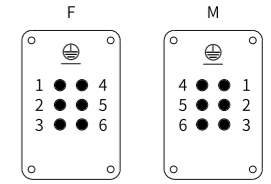
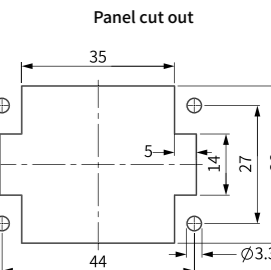


Derating Diagramm



Derating Diagram


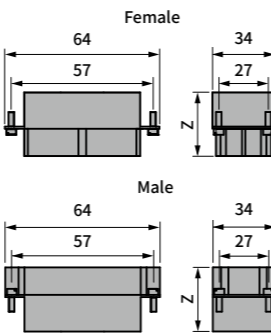


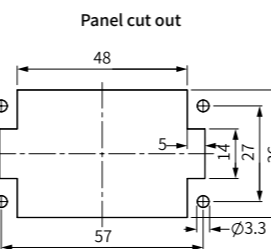


Number of contacts: 6 + PE


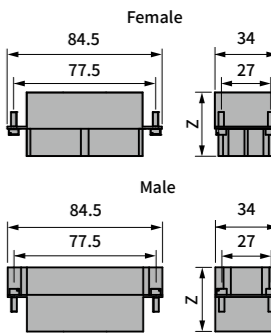


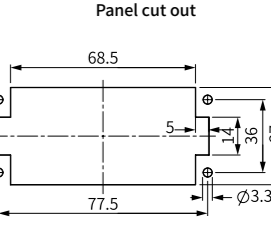
Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)												
 SCREW termination	0.75 ... 2.5 mm <sup>2</sup>	Female	10 32 006 1200	IE-006-F	 Female: 51, 44, 34, 27, Z Male: 51, 44, 34, 27, Z <table border="1" data-bbox="2661 663 2887 745"> <tr> <td></td> <td>F</td> <td>M</td> </tr> <tr> <td>Screw</td> <td>32.4</td> <td>34.6</td> </tr> <tr> <td>Crimp</td> <td>35.5</td> <td>33.3</td> </tr> <tr> <td>Spring</td> <td>35.4</td> <td>33.3</td> </tr> </table>  Panel cut out: 		F	M	Screw	32.4	34.6	Crimp	35.5	33.3	Spring	35.4	33.3
			F	M													
Screw	32.4	34.6															
Crimp	35.5	33.3															
Spring	35.4	33.3															
Male	10 32 006 1100	IE-006-M															
 CRIMP termination	0.14 ... 4 mm <sup>2</sup>	Female	10 32 006 2200	IE-006-CF													
		Male	10 32 006 2100	IE-006-CM													
 SPRING termination	0.14 ... 2.5 mm <sup>2</sup>	Female	10 32 006 3200	IE-006-SF													
		Male	10 32 006 3100	IE-006-SM													

Please order **CE** crimp contacts separately


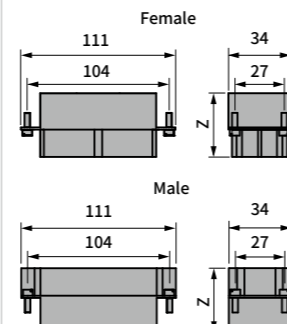
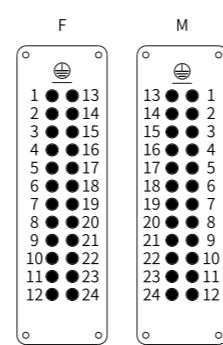
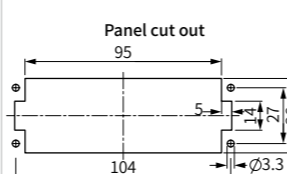


Number of contacts: 10 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)																																													
 SCREW termination	0.75 ... 2.5 mm <sup>2</sup>	Female	10 32 010 1200	IE-010-F	 Female: 64, 57, 34, 27, Z Male: 64, 57, 34, 27, Z																																													
		Male	10 32 010 1100	IE-010-M																																														
 CRIMP termination	0.14 ... 4 mm <sup>2</sup>	Female	10 32 010 2200	IE-010-CF																																														
		Male	10 32 010 2100	IE-010-CM																																														
Please order <b>CE</b> crimp contacts separately																																																		
 SPRING termination	0.14 ... 2.5 mm <sup>2</sup>	Female	10 32 010 3200	IE-010-SF	 Panel cut out: 48, 57, 36, 27, 14, 5, Ø3.3																																													
		Male	10 32 010 3100	IE-010-SM																																														
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Z</th> </tr> <tr> <th colspan="2"></th> <th>F</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>Screw</td> <td></td> <td>32.4</td> <td>34.6</td> </tr> <tr> <td>Crimp</td> <td></td> <td>35.5</td> <td>33.3</td> </tr> <tr> <td>Spring</td> <td></td> <td>33.4</td> <td>35.2</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">F</th> <th colspan="2">M</th> </tr> </thead> <tbody> <tr> <td>1 ●</td> <td>6 ●</td> <td>6 ●</td> <td>1 ●</td> </tr> <tr> <td>2 ●</td> <td>7 ●</td> <td>7 ●</td> <td>2 ●</td> </tr> <tr> <td>3 ●</td> <td>8 ●</td> <td>8 ●</td> <td>3 ●</td> </tr> <tr> <td>4 ●</td> <td>9 ●</td> <td>9 ●</td> <td>4 ●</td> </tr> <tr> <td>5 ●</td> <td>10 ●</td> <td>10 ●</td> <td>5 ●</td> </tr> </tbody> </table>								Z				F	M	Screw		32.4	34.6	Crimp		35.5	33.3	Spring		33.4	35.2	F		M		1 ●	6 ●	6 ●	1 ●	2 ●	7 ●	7 ●	2 ●	3 ●	8 ●	8 ●	3 ●	4 ●	9 ●	9 ●	4 ●	5 ●	10 ●	10 ●	5 ●	
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Number of contacts: 16 + PE



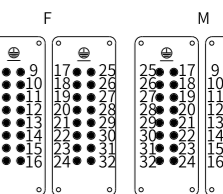
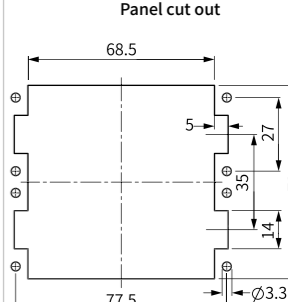


Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)																																																									
 SCREW termination	0.75 ... 2.5 mm <sup>2</sup>	Female	10 32 016 1200	IE-016-F	 Female: 84.5, 77.5, 34, 27, Z Male: 84.5, 77.5, 34, 27, Z																																																									
		Male	10 32 016 1100	IE-016-M																																																										
 CRIMP termination	0.14 ... 4 mm <sup>2</sup>	Female	10 32 016 2200	IE-016-CF																																																										
		Male	10 32 016 2100	IE-016-CM																																																										
Please order <b>CE</b> crimp contacts separately																																																														
 SPRING termination	0.14 ... 2.5 mm <sup>2</sup>	Female	10 32 016 3200	IE-016-SF	 Panel cut out: 68.5, 77.5, 36, 27, 14, 5, Ø3.3																																																									
		Male	10 32 016 3100	IE-016-SM																																																										
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Z</th> </tr> <tr> <th colspan="2"></th> <th>F</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>Screw</td> <td></td> <td>34.6</td> <td>32.4</td> </tr> <tr> <td>Crimp</td> <td></td> <td>35.5</td> <td>33.3</td> </tr> <tr> <td>Spring</td> <td></td> <td>35.5</td> <td>33.5</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">F</th> <th colspan="2">M</th> </tr> </thead> <tbody> <tr> <td>1 ●</td> <td>9 ●</td> <td>9 ●</td> <td>1 ●</td> </tr> <tr> <td>2 ●</td> <td>10 ●</td> <td>10 ●</td> <td>2 ●</td> </tr> <tr> <td>3 ●</td> <td>11 ●</td> <td>11 ●</td> <td>3 ●</td> </tr> <tr> <td>4 ●</td> <td>12 ●</td> <td>12 ●</td> <td>4 ●</td> </tr> <tr> <td>5 ●</td> <td>13 ●</td> <td>13 ●</td> <td>5 ●</td> </tr> <tr> <td>6 ●</td> <td>14 ●</td> <td>14 ●</td> <td>6 ●</td> </tr> <tr> <td>7 ●</td> <td>15 ●</td> <td>15 ●</td> <td>7 ●</td> </tr> <tr> <td>8 ●</td> <td>16 ●</td> <td>16 ●</td> <td>8 ●</td> </tr> </tbody> </table>								Z				F	M	Screw		34.6	32.4	Crimp		35.5	33.3	Spring		35.5	33.5	F		M		1 ●	9 ●	9 ●	1 ●	2 ●	10 ●	10 ●	2 ●	3 ●	11 ●	11 ●	3 ●	4 ●	12 ●	12 ●	4 ●	5 ●	13 ●	13 ●	5 ●	6 ●	14 ●	14 ●	6 ●	7 ●	15 ●	15 ●	7 ●	8 ●	16 ●	16 ●	8 ●	
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Number of contacts: 24 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)													
SCREW termination 	0.75 ... 2.5 mm <sup>2</sup>	Female	10 32 024 1200	IE-024-F	 <table border="1"> <thead> <tr> <th colspan="2">Z</th> </tr> <tr> <th>F</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>Screw</td> <td>34.6</td> <td>32.4</td> </tr> <tr> <td>Crimp</td> <td>35.5</td> <td>33.3</td> </tr> <tr> <td>Spring</td> <td>35.5</td> <td>33.5</td> </tr> </tbody> </table>  	Z		F	M	Screw	34.6	32.4	Crimp	35.5	33.3	Spring	35.5	33.5
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F	M																	
Screw	34.6	32.4																
Crimp	35.5	33.3																
Spring	35.5	33.5																
Male	10 32 024 1100	IE-024-M																
CRIMP termination 	0.14 ... 4 mm <sup>2</sup>	Female	10 32 024 2200	IE-024-CF														
		Male	10 32 024 2100	IE-024-CM														
SPRING termination 	0.14 ... 2.5 mm <sup>2</sup>	Female	10 32 024 3200	IE-024-SF														
		Male	10 32 024 3100	IE-024-SM														

Please order **CE** crimp contacts separately


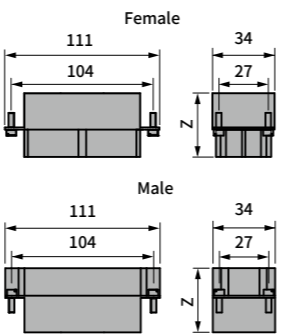
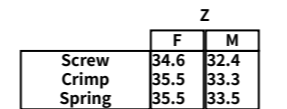
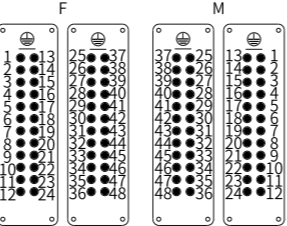
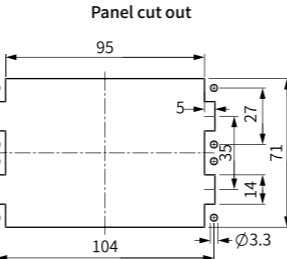


Number of contacts: 32 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)													
SCREW termination 	0.75 ... 2.5 mm <sup>2</sup>	Female	10 32 032 1200	IE-032-F(1-16+17-32)	 <table border="1"> <thead> <tr> <th colspan="2">Z</th> </tr> <tr> <th>F</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>Screw</td> <td>34.6</td> <td>32.4</td> </tr> <tr> <td>Crimp</td> <td>35.5</td> <td>33.3</td> </tr> <tr> <td>Spring</td> <td>35.5</td> <td>33.5</td> </tr> </tbody> </table>  	Z		F	M	Screw	34.6	32.4	Crimp	35.5	33.3	Spring	35.5	33.5
		Z																
F	M																	
Screw	34.6	32.4																
Crimp	35.5	33.3																
Spring	35.5	33.5																
Male	10 32 032 1100	IE-032-M(1-16+17-32)																
CRIMP termination 	0.14 ... 4 mm <sup>2</sup>	Female	10 32 032 2210	IE-032-CF(1-16+17-32)														
		Male	10 32 032 2110	IE-032-CM(1-16+17-32)														
SPRING termination 	0.14 ... 2.5 mm <sup>2</sup>	Female	10 32 032 3200	IE-032-SF(1-16+17-32)														
		Male	10 32 032 3100	IE-032-SM(1-16+17-32)														

Please order **CE** crimp contacts separately



Number of contacts: 48 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
 <p>SCREW termination</p>	0.75 ... 2.5 mm <sup>2</sup>	Female	10 32 048 1200	IE-048-F(1-24+25-48)	   
		Male	10 32 048 1100	IE-048-M(1-24+25-48)	
 <p>CRIMP termination</p>	0.14 ... 4 mm <sup>2</sup>	Female	10 32 048 2200	IE-048-CF(1-24+25-48)	
		Male	10 32 048 2100	IE-048-CM(1-24+25-48)	
 <p>SPRING termination</p>	0.14 ... 2.5 mm <sup>2</sup>	Female	10 32 048 3200	IE-048-SF(1-24+25-48)	
		Male	10 32 048 3100	IE-048-SM(1-24+25-48)	

Please order **CE** crimp contacts separately



Features

- High density of contacts
- Coding function through coding pin
- Various combination of contacts

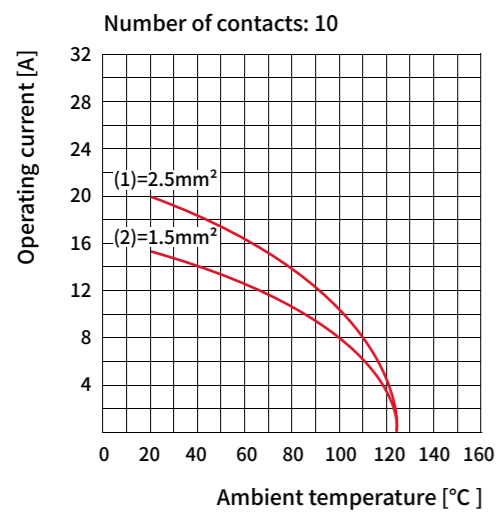
Technical characteristics

Number of contacts		10, 18, 32, 46, 64, 92
Rated current	[A]	16
Rated voltage	[V]	500
Rated impulse voltage	[kV]	6
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

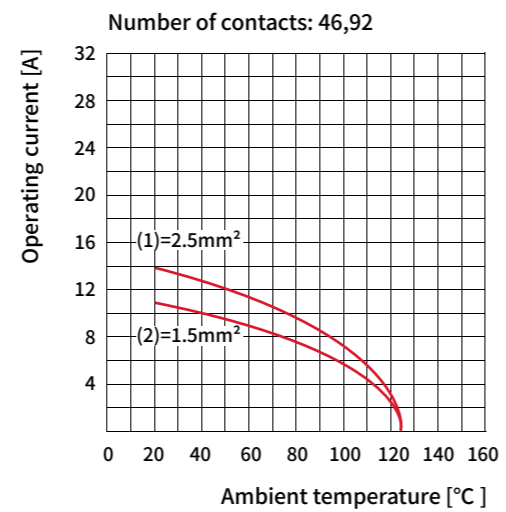
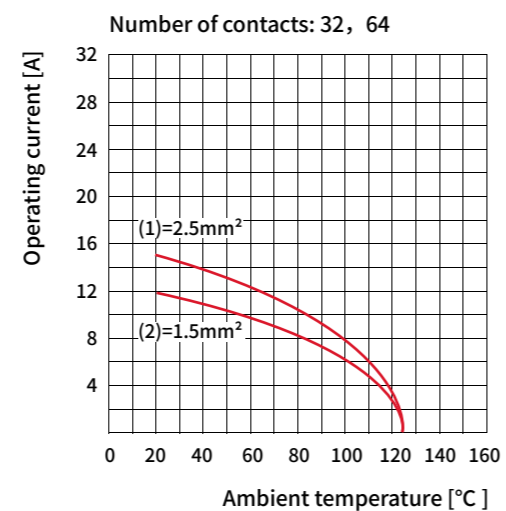
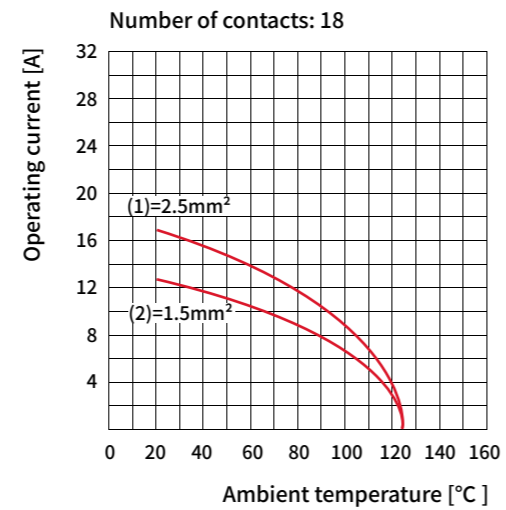
Specifications

Compliant:  
IEC 60664-1, IEC 61984


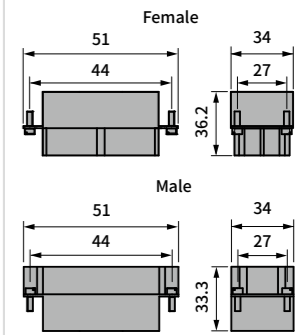

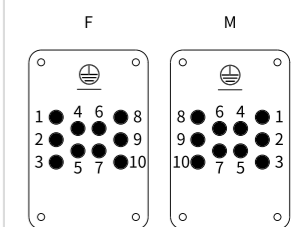
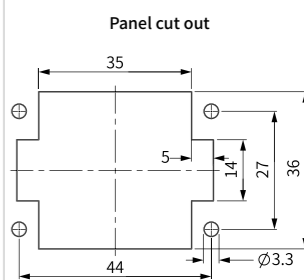
Derating Diagramm





Derating Diagram

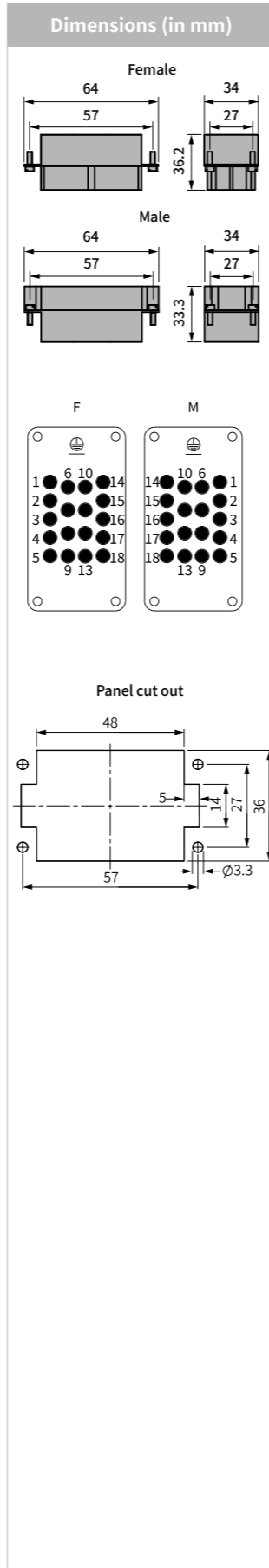


Number of contacts: 10 + PE



Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 32 010 2210	IEE-010-CF	
		Male	10 32 010 2110	IEE-010-CM	
Please order <b>CE</b> crimp contacts separately 					
					
					

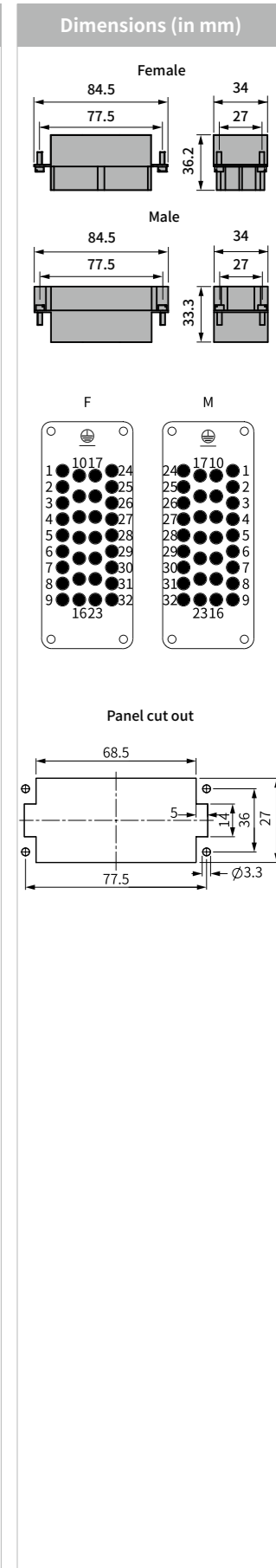
Number of contacts: 18 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 32 018 2200	IEE-018-CF
		Male	10 32 018 2100	IEE-018-CM
Please order <b>CE</b> crimp contacts separately 				





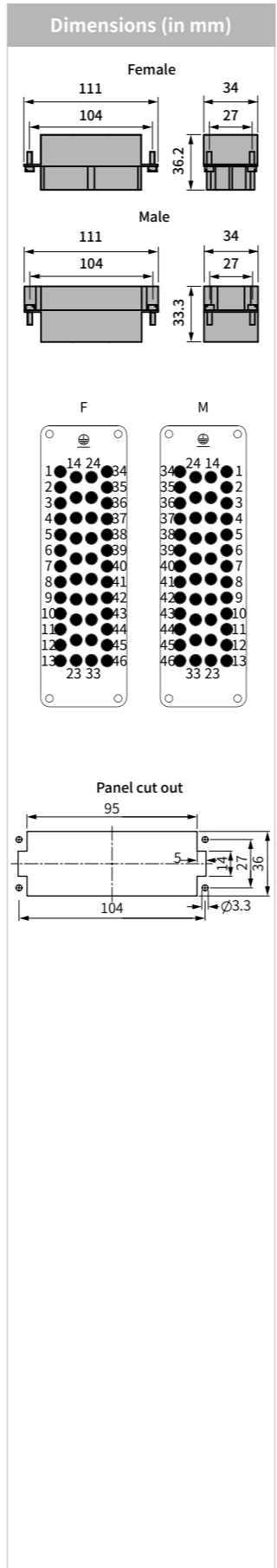
Number of contacts: 32 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 32 032 2200	IEE-032-CF
		Male	10 32 032 2100	IEE-032-CM
Please order <b>CE</b> crimp contacts separately 				





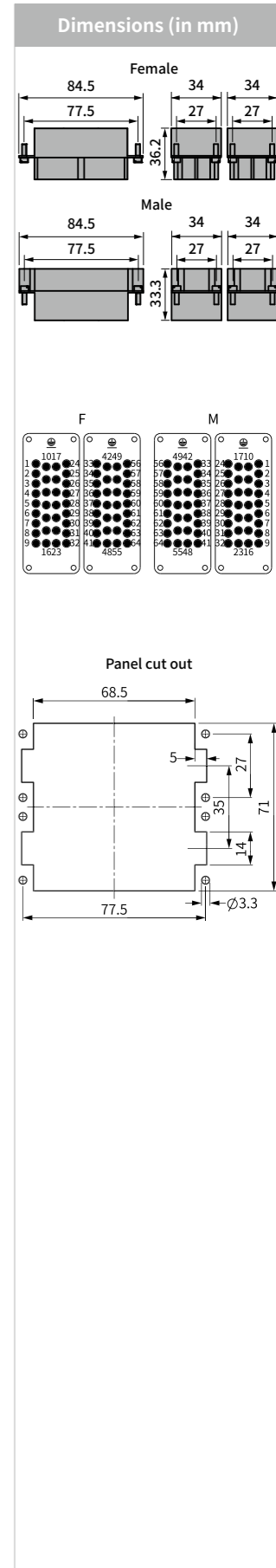
Number of contacts: 46 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 32 046 2200	IEE-046-CF
		Male	10 32 046 2100	IEE-046-CM
Please order <b>CE</b> crimp contacts separately 				




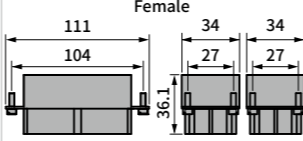
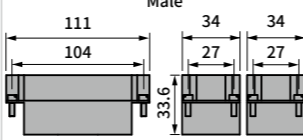
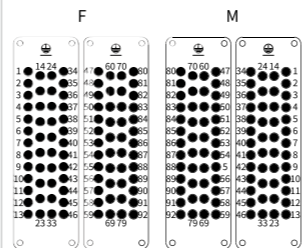
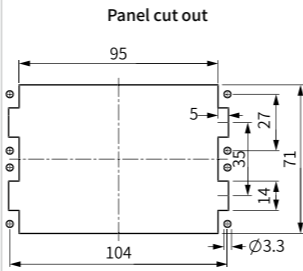

Number of contacts: 64 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 32 064 2210	IEE-064-CF(1-32+33-64)
		Male	10 32 064 2110	IEE-064-CM(1-32+33-64)
Please order <b>CE</b> crimp contacts separately 				



Each article number is a set of x2 inserts.

Number of contacts: 92 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female Male	10 32 092 2200 10 32 092 2100	IEE-092-CF(1-46+47-92) IEE-092-CM(1-46+47-92)	<p>Female</p>  <p>Male</p>  <p>F M</p>  <p>Panel cut out</p> 
Please order <b>CE</b> crimp contacts separately 					

Each article number is a set of x2 inserts.

Features

- High density of crimp contacts
- Coding function through coding pin
- Various combination of contacts

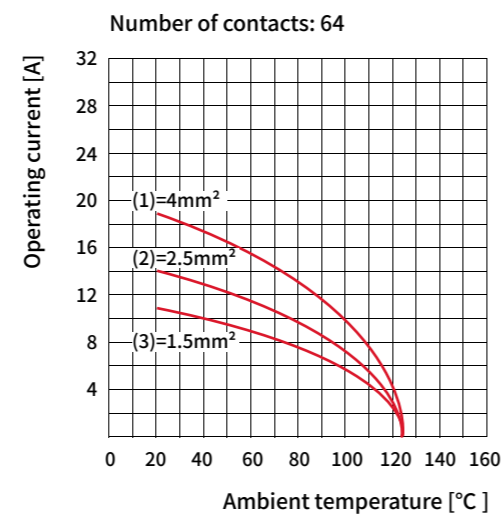
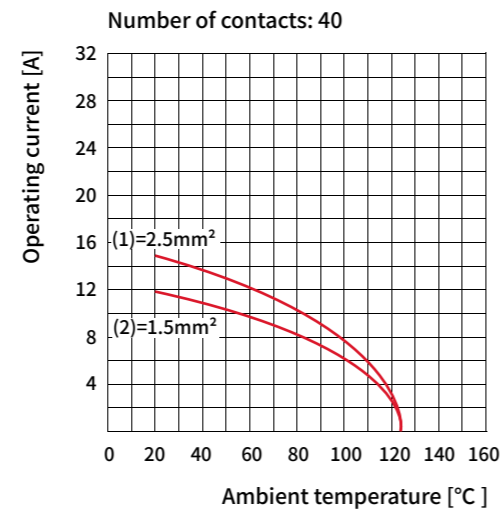
Technical characteristics

Number of contacts		40, 64
Rated current	[A]	16
Rated voltage	[V]	500
Rated impulse voltage	[kV]	6
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant


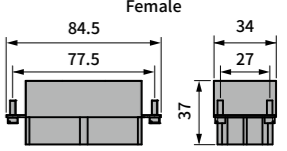
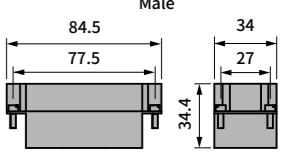
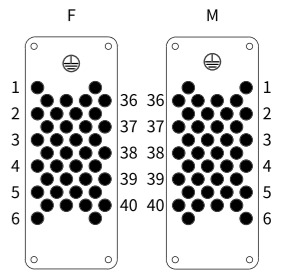
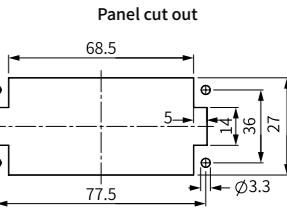
Specifications

Compliant:  
IEC 60664-1, IEC 61984


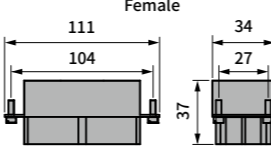
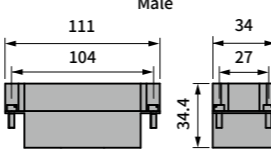
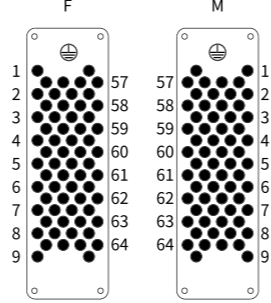
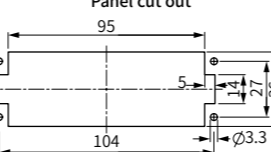
Derating Diagram



Number of contacts: 40 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 32 040 2200	IEEE-040-CF	   
		Male	10 32 040 2100	IEEE-040-CM	
Please order <b>CE</b> crimp contacts separately					

Number of contacts: 64 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 32 064 2200	IEEE-064-CF	   
		Male	10 32 064 2100	IEEE-064-CM	

Please order **CE** crimp contacts separately



Sare®  
B

Features

- Ideal for power supply applications
- Assembly with standard screw driver

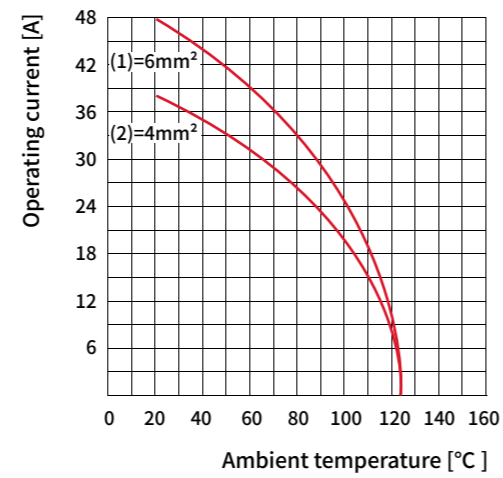
Technical characteristics

Number of contacts		6, 12
Rated current	[A]	35
Rated voltage conductor-earth	[V]	400
Rated voltage conductor-conductor	[V]	690
Rated impulse voltage	[kV]	6
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 1
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant


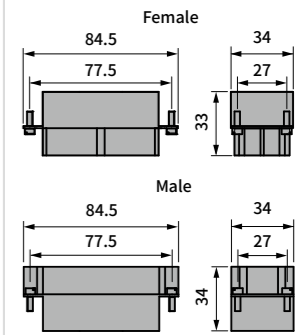
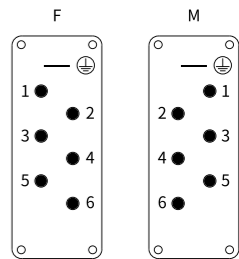
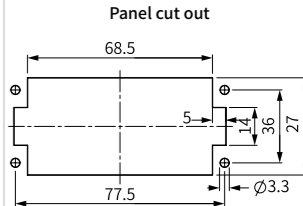
Specifications

Compliant:  
IEC 60664-1, IEC 61984

Derating Diagram




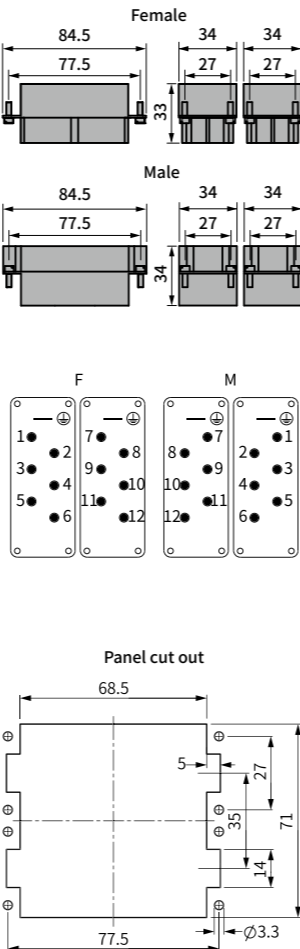
Number of contacts: 6 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
SCREW termination 	0.15 ... 6mm <sup>2</sup>	Female	10 35 006 1200	ISB-006-F	 Female: 84.5, 77.5, 34, 27, 33 Male: 84.5, 77.5, 34, 27, 34 Contact layouts F and M:  Panel cut out: 
		Male	10 35 006 1100	ISB-006-M	

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Number of contacts: 12 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
<p>SCREW termination</p> 	<p>0.15 ... 6mm<sup>2</sup></p>	<p>Female Male</p>	<p>10 35 012 1200 10 35 012 1100</p>	<p>ISB-012-F(1-6+7-12) ISB-012-M(1-6+7-12)</p>	

Each article number is a set of x2 inserts.

Sare®  
B

Features

- Screw termination
- No signal contacts

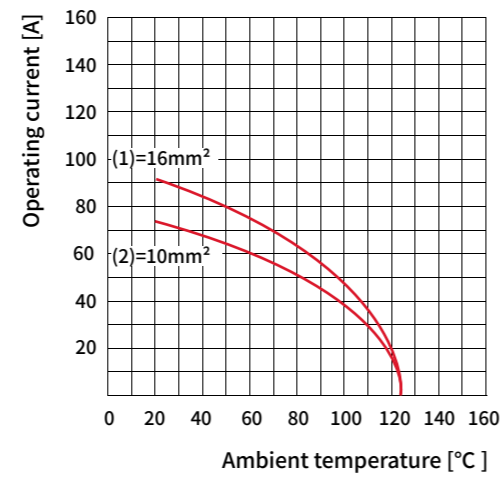
Technical characteristics

Number of contacts		4
Rated current	[A]	80
Rated voltage	[V]	830
Rated impulse voltage	[kV]	8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 0.3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant


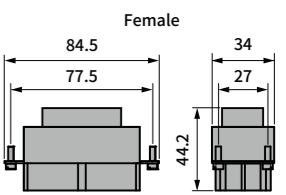
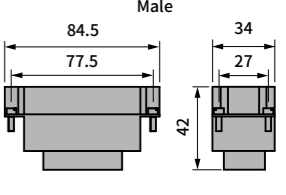
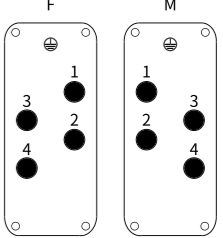
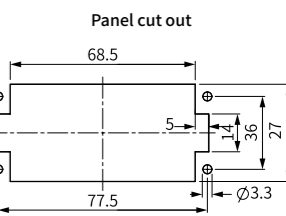
Specifications

Compliant:  
IEC 60664-1, IEC 61984

Derating Diagram



Number of contacts: 4 + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)																					
SCREW termination 	1.5 ... 16mm <sup>2</sup>	Female	10 37 004 1210	IK-004/0-F	  																					
		Male	10 37 004 1110	IK-004/0-M																						
<table border="1"> <caption>Power contacts</caption> <thead> <tr> <th>Wire gauge</th> <th>Tightening torque</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>1.5 mm<sup>2</sup></td> <td>1.2 Nm</td> <td>14 mm</td> </tr> <tr> <td>2.5 mm<sup>2</sup></td> <td>2 Nm</td> <td>14 mm</td> </tr> <tr> <td>4 mm<sup>2</sup></td> <td>3 Nm</td> <td>14 mm</td> </tr> <tr> <td>6 mm<sup>2</sup></td> <td>3 Nm</td> <td>14 mm</td> </tr> <tr> <td>10 mm<sup>2</sup></td> <td>3 Nm</td> <td>14 mm</td> </tr> <tr> <td>16 mm<sup>2</sup></td> <td>3 Nm</td> <td>14 mm</td> </tr> </tbody> </table>					Wire gauge	Tightening torque	Stripping length	1.5 mm <sup>2</sup>	1.2 Nm	14 mm	2.5 mm <sup>2</sup>	2 Nm	14 mm	4 mm <sup>2</sup>	3 Nm	14 mm	6 mm <sup>2</sup>	3 Nm	14 mm	10 mm <sup>2</sup>	3 Nm	14 mm	16 mm <sup>2</sup>	3 Nm	14 mm	
Wire gauge	Tightening torque	Stripping length																								
1.5 mm <sup>2</sup>	1.2 Nm	14 mm																								
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4 mm <sup>2</sup>	3 Nm	14 mm																								
6 mm <sup>2</sup>	3 Nm	14 mm																								
10 mm <sup>2</sup>	3 Nm	14 mm																								
16 mm <sup>2</sup>	3 Nm	14 mm																								
																										

Sare®  
B

Number of contacts: 4 + 2(additional signal contacts) + PE

Features

- Combination of signal and power in one connector
- Screw termination for power and signal area

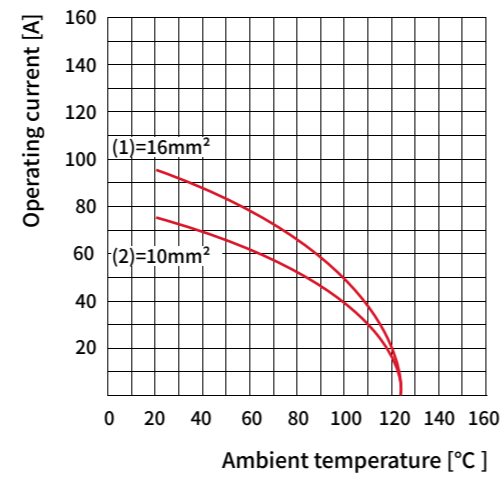
Technical characteristics


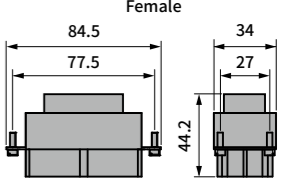
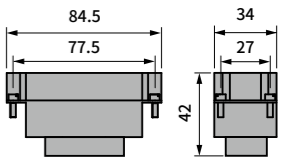
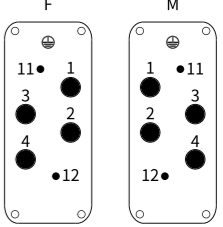
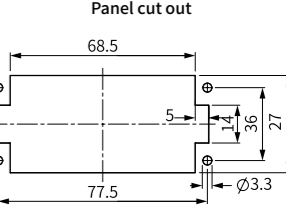
Number of contacts(Power + Signal)	4 + 2
<b>- Power Ratings:</b>	
Rated current	[A] 80
Rated voltage	[V] 830
Rated impulse voltage	[kV] 8
Pollution degree	3
Contact resistance	[mΩ] ≤ 0.3
<b>- Signal Ratings:</b>	
Rated current(signal)	[A] 16
Rated voltage(signal)	[V] 400
Rated impulse voltage(signal)	[kV] 6
Pollution degree(signal)	3
Contact resistance(signal)	[mΩ] ≤ 1
Limiting temperature	[°C] -40 ... +125
Material(insert)	Polycarbonate
Color(insert)	RAL7032(Pebble grey)
Material(contact)	Copper alloy
Mating cycles	≥ 500
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Specifications

Compliant:  
IEC 60664-1, IEC 61984

Derating Diagram



Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)																								
SCREW termination 	1.5 ... 16mm <sup>2</sup> , 0.5 ... 2.5mm <sup>2</sup> (Power, Signal)	Female	10 37 006 1200	IK-004/2-F	Female  Male  F M 																								
		Male	10 37 006 1100	IK-004/2-M																									
					<table border="1"> <thead> <tr> <th colspan="3">Power contacts</th> </tr> <tr> <th>Wire gauge</th> <th>Tightening torque</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>1.5 mm<sup>2</sup></td> <td>1.2 Nm</td> <td>14 mm</td> </tr> <tr> <td>2.5 mm<sup>2</sup></td> <td>2 Nm</td> <td>14 mm</td> </tr> <tr> <td>4 mm<sup>2</sup></td> <td>3 Nm</td> <td>14 mm</td> </tr> <tr> <td>6 mm<sup>2</sup></td> <td>3 Nm</td> <td>14 mm</td> </tr> <tr> <td>10 mm<sup>2</sup></td> <td>3 Nm</td> <td>14 mm</td> </tr> <tr> <td>16 mm<sup>2</sup></td> <td>3 Nm</td> <td>14 mm</td> </tr> </tbody> </table>	Power contacts			Wire gauge	Tightening torque	Stripping length	1.5 mm <sup>2</sup>	1.2 Nm	14 mm	2.5 mm <sup>2</sup>	2 Nm	14 mm	4 mm <sup>2</sup>	3 Nm	14 mm	6 mm <sup>2</sup>	3 Nm	14 mm	10 mm <sup>2</sup>	3 Nm	14 mm	16 mm <sup>2</sup>	3 Nm	14 mm
Power contacts																													
Wire gauge	Tightening torque	Stripping length																											
1.5 mm <sup>2</sup>	1.2 Nm	14 mm																											
2.5 mm <sup>2</sup>	2 Nm	14 mm																											
4 mm <sup>2</sup>	3 Nm	14 mm																											
6 mm <sup>2</sup>	3 Nm	14 mm																											
10 mm <sup>2</sup>	3 Nm	14 mm																											
16 mm <sup>2</sup>	3 Nm	14 mm																											
					Panel cut out 																								

Number of contacts: 4 + 4(additional signal contacts) + PE

Sare®  
B

Features

- Combination of signal and power in one connector
- Axial screw termination for power and signal area
- Spring termination for signal area
- Same range of cross-section for PE contacts and power contacts

Technical characteristics

Number of contacts(Power + Signal) 4 + 4

- Power Ratings:

Rated current	[A]	63
Rated voltage	[V]	690
Rated impulse voltage	[kV]	8
Pollution degree		3
Contact resistance	[mΩ]	≤ 0.5

- Signal Ratings:

Rated current(signal)	[A]	16
Rated voltage(signal)	[V]	250
Rated impulse voltage(signal)	[kV]	4
Pollution degree(signal)		3
Contact resistance(signal)	[mΩ]	≤ 3

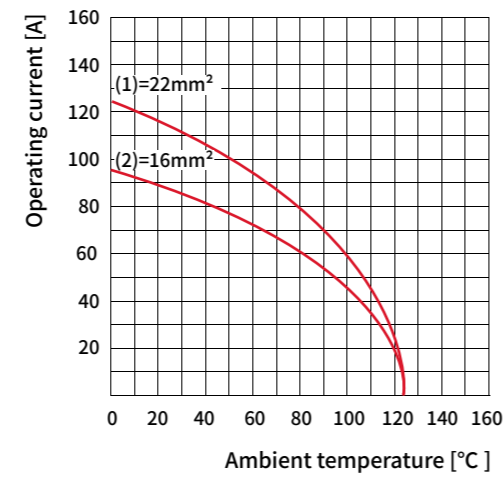
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant


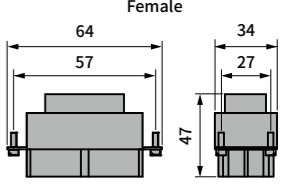
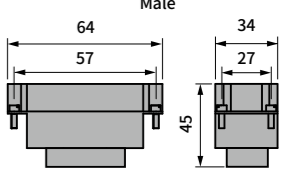
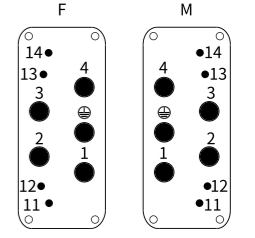
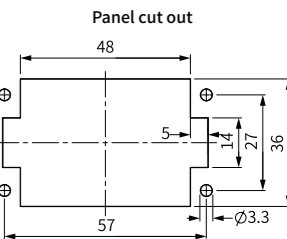

Specifications

Compliant:

IEC 60664-1, IEC 61984

Derating Diagram



Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)															
AXIAL SCREW/ SPRING termination No finger safe 	10 ... 22mm <sup>2</sup> , 0.14 ... 2.5mm <sup>2</sup> (Power, Signal)	Female	10 37 008 1221	IK-004.2/4-F	   <table border="1"> <caption>Power contacts</caption> <thead> <tr> <th>Wire gauge</th> <th>Tightening torque</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>6 mm<sup>2</sup></td> <td>2 Nm</td> <td>11...12 mm</td> </tr> <tr> <td>10 mm<sup>2</sup></td> <td>3 Nm</td> <td>11...12 mm</td> </tr> <tr> <td>16 mm<sup>2</sup></td> <td>4 Nm</td> <td>11...12 mm</td> </tr> <tr> <td>22 mm<sup>2</sup></td> <td>4 Nm</td> <td>13...14 mm</td> </tr> </tbody> </table> 	Wire gauge	Tightening torque	Stripping length	6 mm <sup>2</sup>	2 Nm	11...12 mm	10 mm <sup>2</sup>	3 Nm	11...12 mm	16 mm <sup>2</sup>	4 Nm	11...12 mm	22 mm <sup>2</sup>	4 Nm	13...14 mm
		Wire gauge	Tightening torque	Stripping length																
6 mm <sup>2</sup>	2 Nm	11...12 mm																		
10 mm <sup>2</sup>	3 Nm	11...12 mm																		
16 mm <sup>2</sup>	4 Nm	11...12 mm																		
22 mm <sup>2</sup>	4 Nm	13...14 mm																		
Male	10 37 008 1123	IK-004.2/4B-M																		
	6 ... 16mm <sup>2</sup> , 0.14 ... 2.5mm <sup>2</sup> (Power, Signal)	Female	10 37 008 1220	IK-004.1/4-F																
		Male	10 37 008 1122	IK-004.1/4B-M																

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Number of contacts: 4 + 8(additional signal contacts) + PE

Sare®  
B

Features

- Combination of signal and power in one connector
- Screw termination for power and signal area

Technical characteristics

Number of contacts(Power + Signal) 4 + 8

- Power Ratings:

Rated current	[A]	80
Rated voltage	[V]	400
Rated impulse voltage	[kV]	6
Pollution degree		3
Contact resistance	[mΩ]	≤ 0.3

- Signal Ratings:

Rated current(signal)	[A]	16
Rated voltage(signal)	[V]	400
Rated impulse voltage(signal)	[kV]	6
Pollution degree(signal)		3
Contact resistance(signal)	[mΩ]	≤ 1

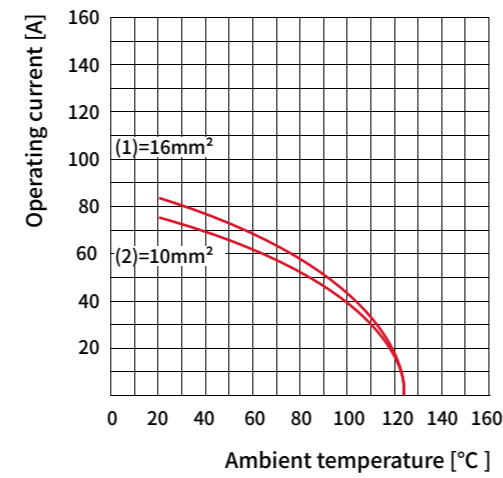
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:

IEC 60664-1, IEC 61984

Derating Diagram



Identification

SCREW termination



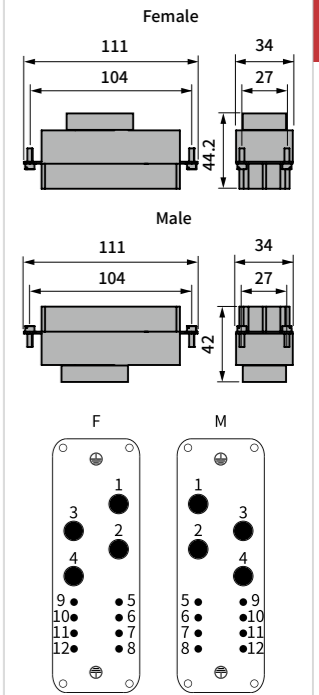
Conductor Cross-section  
1.5 ... 16mm<sup>2</sup>,  
0.5 ... 2.5mm<sup>2</sup>  
(Power, Signal)

Gender  
Female  
Male

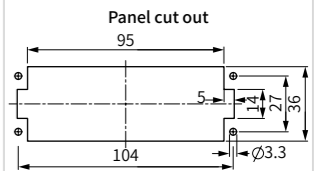
Part No.  
10 37 012 1200  
10 37 012 1100

Type Name  
IK-004/8-F  
IK-004/8-M

Dimensions (in mm)



Wire gauge	Tightening torque	Stripping length
1.5 mm <sup>2</sup>	1.2 Nm	14 mm
2.5 mm <sup>2</sup>	2 Nm	14 mm
4 mm <sup>2</sup>	3 Nm	14 mm
6 mm <sup>2</sup>	3 Nm	14 mm
10 mm <sup>2</sup>	3 Nm	14 mm
16 mm <sup>2</sup>	3 Nm	14 mm



Sare®  
B

Sare®  
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Features

- Combination of signal and power in one connector
- Crimp termination for power and signal area
- Use of standard Sare® CC and Sare® CD contacts

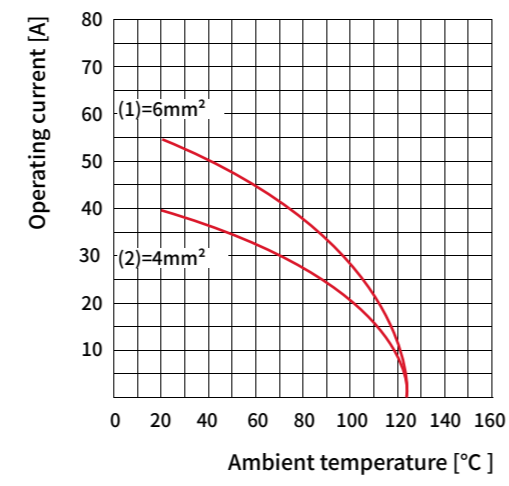
Technical characteristics

Number of contacts(Power + Signal)	6 + 36
<b>- Power Ratings:</b>	
Rated current	[A] 40
Rated voltage	[V] 690
Rated impulse voltage	[kV] 8
Pollution degree	3
Contact resistance	[mΩ] ≤ 1
<b>- Signal Ratings:</b>	
Rated current(signal)	[A] 10
Rated voltage(signal)	[V] 160
Rated impulse voltage(signal)	[kV] 2.5
Pollution degree(signal)	3
Contact resistance(signal)	[mΩ] ≤ 3
Insulation resistance	[Ω] ≥ 10 <sup>10</sup>
Limiting temperature	[°C] -40 ... +125
Material(insert)	Polycarbonate
Color(insert)	RAL7032(Pebble grey)
Material(contact)	Copper alloy
Mating cycles	≥ 500
Material flammability class acc. to UL94	V-0
RoHS	Compliant


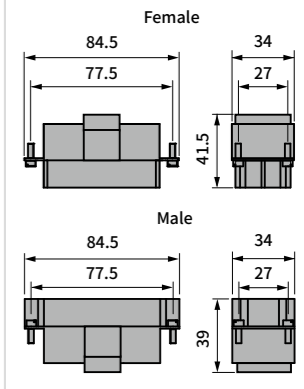
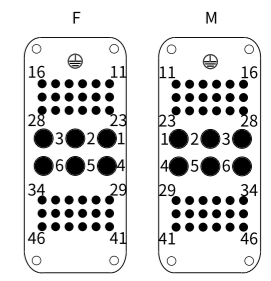
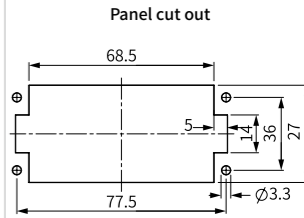
Specifications

Compliant:  
IEC 60664-1, IEC 61984

Derating Diagram



Number of contacts: 6 + 36(additional signal contacts) + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	1.5 ... 6mm <sup>2</sup> , 0.14 ... 2.5mm <sup>2</sup> (Power, Signal)	Female	10 37 042 2200	IK-006/36-CF	 <p>Female: 84.5, 77.5, 34, 27, 41.5</p> <p>Male: 84.5, 77.5, 34, 27, 39</p>
		Male	10 37 042 2100	IK-006/36-CM	
Please order <span style="color: green;">CC</span> and <span style="color: orange;">CD</span> crimp contacts separately					
					
 <p>Panel cut out: 68.5, 5, 1, 36, 27, 77.5, Ø3.3</p>					

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Sare®  
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Features

- Combination of signal and power in one connector
- Crimp termination for power and signal area
- Use of standard Sare® CD and Sare® CE contacts

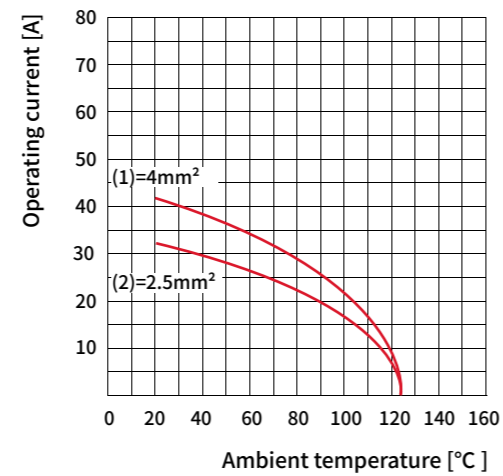
Technical characteristics

Number of contacts(Power + Signal)		8 + 24
<b>- Power Ratings:</b>		
Rated current	[A]	16
Rated voltage	[V]	230
Conductor-earth		
Rated voltage	[V]	400
Conductor-conductor		
Rated impulse voltage	[kV]	4
Pollution degree		3
Contact resistance	[mΩ]	≤ 1
<b>- Signal Ratings:</b>		
Rated current(signal)	[A]	10
Rated voltage(signal)	[V]	160
Rated impulse voltage(signal)	[kV]	2.5
Pollution degree(signal)		3
Contact resistance(signal)	[mΩ]	≤ 3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant


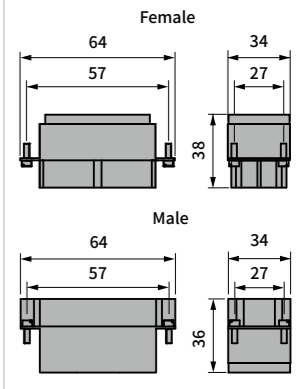

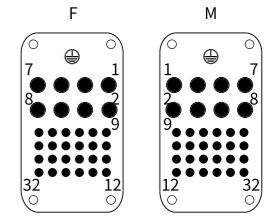
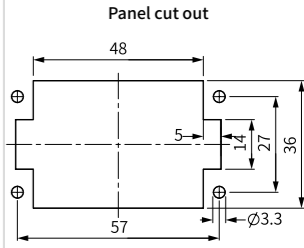
Specifications

Compliant:  
IEC 60664-1, IEC 61984

Derating Diagram



Number of contacts: 8 + 24(additional signal contacts) + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.5 ... 4mm <sup>2</sup> , 0.14 ... 2.5mm <sup>2</sup> (Power, Signal)	Female	10 37 032 2200	IK-008/24-CF	 <p>Female: 64, 57, 38, 34, 27</p> <p>Male: 64, 57, 36, 34, 27</p>
		Male	10 37 032 2100	IK-008/24-CM	
Please order <b>CD</b> and <b>CE</b> crimp contacts separately 					
					 <p>F: 7, 8, 9, 1, 2, 3, 4, 5, 6, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32</p> <p>M: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32</p>
					 <p>Panel cut out: 48, 57, 36, 14, 27, 5, 14, 3.3</p>

Sare®  
B

Sare®  
B

Features

- Combination of signal and power in one connector
- Crimp termination for power and signal area
- Use of standard Sare® CC and Sare® CD contacts

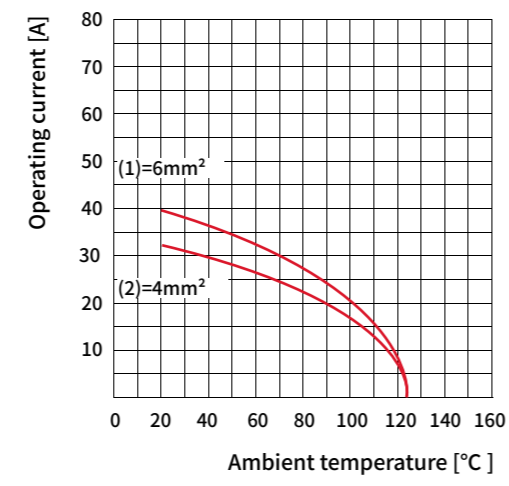
Technical characteristics

Number of contacts(Power + Signal)	12 +2
<b>- Power Ratings:</b>	
Rated current	[A] 40
Rated voltage	[V] 690
Rated impulse voltage	[kV] 8
Pollution degree	3
Contact resistance	[mΩ] ≤ 1
<b>- Signal Ratings:</b>	
Rated current(signal)	[A] 10
Rated voltage(signal)	[V] 250
Rated impulse voltage(signal)	[kV] 4
Pollution degree(signal)	3
Contact resistance(signal)	[mΩ] ≤ 3
Insulation resistance	[Ω] ≥ 10 <sup>10</sup>
Limiting temperature	[°C] -40 ... +125
Material(insert)	Polycarbonate
Color(insert)	RAL7032(Pebble grey)
Material(contact)	Copper alloy
Mating cycles	≥ 500
Material flammability class acc. to UL94	V-0
RoHS	Compliant


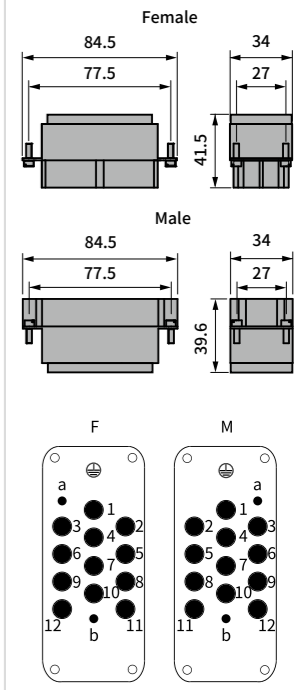
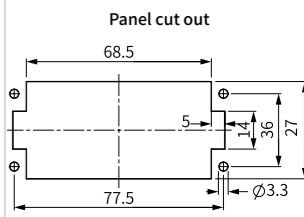
Specifications

Compliant:  
  
IEC 60664-1, IEC 61984

Derating Diagram



Number of contacts: 12 + 2(additional signal contacts) + PE

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	1.5 ... 6mm <sup>2</sup> , 0.14 ... 2.5mm <sup>2</sup> (Power, Signal)	Female	10 37 014 2200	IK-012/2-CF	
		Male	10 37 014 2100	IK-012/2-CM	
Please order <span style="color: green;">CC</span> and <span style="color: orange;">CD</span> crimp contacts separately					
					

Sare®  
B



Sare®  
Modules

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Modules



Power	Type	I2M200-001-C...	I2M200-001.2-...	I2M200-001.1-...	I2M200PE-001.2-...	I2M200PE-001.1-...
	Connection method	Crimp	Axial screw	Axial screw	Axial screw	Axial screw
	Number of poles	1	1	1	1	1
	IEC rated data	200A, 1000V, 70mm <sup>2</sup>	200A, 1000V, 70mm <sup>2</sup>	200A, 1000V, 40mm <sup>2</sup>	200A, 70mm <sup>2</sup>	200A, 40mm <sup>2</sup>
	Module slots	2	2	2	2	2
Page	03-60	03-60	03-60	03-62	03-62	
Power	Type	I2M100-002-C...	I2M100-002.2-...	I2M100-002.1-...	IM100-001-C...	IM70-002-C...
	Connection method	Crimp	Axial screw	Axial screw	Crimp	Crimp
	Number of poles	2	2	2	1	2
	IEC rated data	100A, 1000V, 35mm <sup>2</sup>	100A, 1000V, 35mm <sup>2</sup>	100A, 1000V, 25mm <sup>2</sup>	100A, 830V, 35mm <sup>2</sup>	70A, 1000V, 25mm <sup>2</sup>
	Module slots	2	2	2	1	1
Page	03-64	03-64	03-64	03-66	03-68	
Power	Type	IM70-002.2-...	IM70-002.1-...	IMC-002-C...	IMC-002.2-...	IMC-002.1-...
	Connection method	Axial screw	Axial screw	Crimp	Axial screw	Axial screw
	Number of poles	2	2	2	2	2
	IEC rated data	70A, 1000V, 22mm <sup>2</sup>	70A, 1000V, 16mm <sup>2</sup>	40A, 1000V, 10mm <sup>2</sup>	40A, 1000V, 10mm <sup>2</sup>	40A, 1000V, 8mm <sup>2</sup>
	Module slots	1	1	1	1	1
Page	03-68	03-68	03-70	03-70	03-70	
Power	Type	IMC-003-C...	IMC-003.2-...	IMC-003.1-...	IMCC-004-C...	IMCD-003/4-C...
	Connection method	Crimp	Axial screw	Axial screw	Crimp	Crimp
	Number of poles	3	3	3	4	3+4
	IEC rated data	40A, 690V, 6mm <sup>2</sup>	40A, 690V, 10mm <sup>2</sup>	40A, 690V, 8mm <sup>2</sup>	40A, 830V, 6mm <sup>2</sup>	40/10A, 830V, 6mm <sup>2</sup>
	Module slots	1	1	1	1	1
Page	03-72	03-72	03-72	03-74	03-76	

Sare®  
Modules

Power	Type	IME-005-S...	IMEP-006-C... <b>CE</b>	IME-006-C... <b>CE</b>	IMEE-008-C... <b>CE</b>	I2MEEE-020-C... <b>CE</b>
	Connection method	Spring	Crimp	Crimp	Crimp	Crimp
	Number of poles	5	6	6	8	20
	IEC rated data	16A, 400V, 2.5mm <sup>2</sup>	16A, 830V, 4mm <sup>2</sup>	16A, 500V, 4mm <sup>2</sup>	16A, 400V, 4mm <sup>2</sup>	16A, 500V, 4mm <sup>2</sup>
	Module slots	1	1	1	1	2
Page	03-78	03-80	03-82	03-84	03-86	

Signal	Type	IMDD-012-C... <b>CD</b>	IMDDD-017-C... <b>CD</b>	I2MDD-042-C... <b>CD</b>		
	Connection method	Crimp	Crimp	Crimp		
	Number of poles	12	17	42		
	IEC rated data	10A, 250V, 2.5mm <sup>2</sup>	10A, 160V, 2.5mm <sup>2</sup>	10A, 160V, 2.5mm <sup>2</sup>		
	Module slots	1	1	2		
Page	03-88	03-90	03-92			

Data	Type	IMS-025-C... <b>Csub</b>				
	Connection method	Crimp				
	Number of poles	25				
	IEC rated data	4A, 50V, 0.52mm <sup>2</sup>				
	Module slots	1				
Page	03-94					

Data	Type	I2M-002-... <b>CD</b>	QD-001-C... <b>CD</b>	QD-004-C... <b>CD</b>	QS-008-C... <b>Csub</b>	I2M-002-ADPT
	Connection method	-	Crimp	Crimp	Crimp	-
	Number of poles	2	1	4	8	-
	IEC rated data	10A, 50V, 2.5mm <sup>2</sup>	10A, 50V, 2.5mm <sup>2</sup>	10A, 50V, 2.5mm <sup>2</sup>	5A, 50V, 0.52mm <sup>2</sup>	-
	Module slots	2	-	-	-	-
Page	03-96	03-96	03-98	03-100	03-98	

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Modules

Data	Type	IMM-004...	COAX-50R-S...	CMG-1.5-...		
	Connection method	-	Coaxial contact	C-sub contact		
	Number of poles	4	-	-		
	IEC rated data	1.5A, 50V, 1.0mm <sup>2</sup>	50Ω, for RG58	0.5 ... 1.0mm <sup>2</sup>		
	Module slots	1	-	-		
Page	03-102	03-102	03-102			

Pneumatic-Metal	Type	IMP-003	CP...			
	Hose Outer Diameter	-	3/4/6mm			
	Number of poles	3	-			
	Descriptions	-	W/Without shut-off			
	Module slots	1	-			
Page	03-104	03-104				

Pneumatic-Plastic	Type	IMP-002/P	CP.../P	IMP-003/P	CP.../P	
	Hose Inner Diameter	-	6mm	-	1.6/3/4mm	
	Number of poles	2	-	3	-	
	Descriptions	-	W/Without shut-off	-	W/Without shut-off	
	Module slots	1	-	1	-	
Page	03-106	03-106	03-108	03-108		

Accessories	Type	IM-000	P.FMB-C	PE-S16		
	Description	Dummy module	Locking element	Cable shoe		
	Module slots	1	-	-		
	Page	03-110	03-110	03-110		

Sare®  
Modules

**Features**

- Assemble/disassemble modules without tools
- Simple and efficient
- Increase efficiency by 30%
- Quick and easy assembly by a pre-fixed position
- Patent
- Reliable and robust
- Vibration resistance
- Ground protection on both sides

**Technical characteristics**

Limiting temperature	[°C]	-40 ... +125
Mating cycles		≥ 500
Conductor cross-section PE(power side)		4 ... 10 mm <sup>2</sup>
Conductor cross-section PE(signal side)		1 ... 2.5 mm <sup>2</sup>
Material(frames)		Zinc die-cast
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**

Compliant:  
IEC 60664-1,  
IEC 61984

**Identification**

Hinged frame



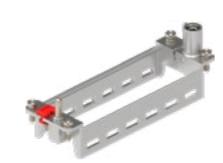
Hinged frame







Hinged frame

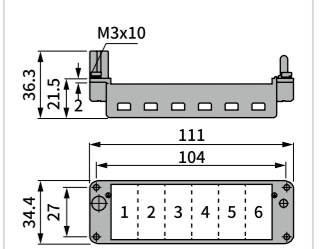
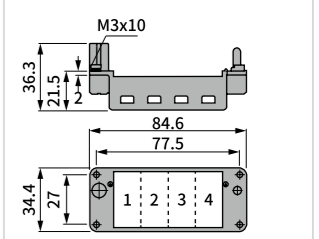
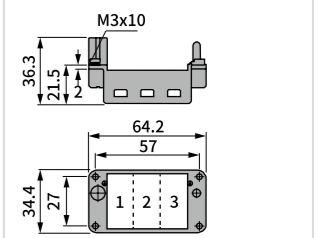
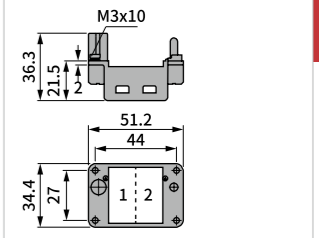


Hinged frame



Size	Gender	Part No.	Type Name
B06	A ... B	10 38 006 8100	FMB06-U
	a ... b	10 38 006 8200	FMB06-L
 Red Locking Peg included with frame			
B10	A ... C	10 38 010 8100	FMB10-U
	a ... c	10 38 010 8200	FMB10-L
 Red Locking Peg included with frame			
B16	A ... D	10 38 016 8100	FMB16-U
	a ... d	10 38 016 8200	FMB16-L
 Red Locking Peg included with frame			
B24	A ... F	10 38 024 8100	FMB24-U
	a ... f	10 38 024 8200	FMB24-L
 Red Locking Peg included with frame			

**Dimensions (in mm)**



Sare®  
Modules

**Features**

- In mating side the contacts can be easily offloaded
- Cross-sections of power-module up to 70mm<sup>2</sup>

**Technical characteristics**

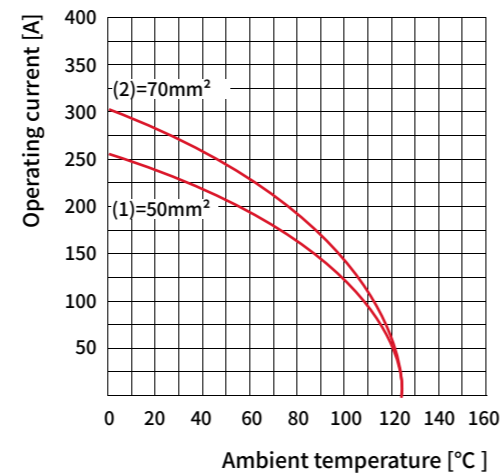
Number of contacts		1
Rated current	[A]	200
Rated voltage	[V]	1000
Rated impulse voltage	[kV]	8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance (Crimp termination)	[mΩ]	≤ 0.3
Contact resistance (Axial screw termination)	[mΩ]	≤ 0.2
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**

Compliant:


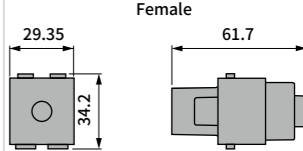

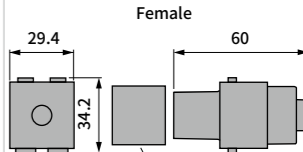
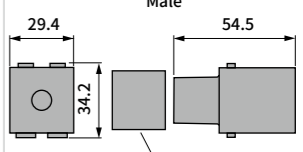
- IEC 60664-1,
- IEC 61984

**Derating Diagramm**



(1): B24 hoods/housings with 3 modules conductor cross-section 50mm<sup>2</sup>  
 (2): B24 hoods/housings with 3 modules conductor cross-section 70mm<sup>2</sup>

**Number of contacts: 1**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	25 ... 70mm <sup>2</sup>	Female	10 38 001 2200	I2M200-001-CF	
		Male	10 38 001 2100	I2M200-001-CM	
Please order <b>C200</b> crimp contacts separately					
AXIAL SCREW termination 	40 ... 70mm <sup>2</sup>	Female	10 38 001 1221	I2M200-001.2-F	
		Male	10 38 001 1121	I2M200-001.2-M	
	25 ... 40mm <sup>2</sup>	Female	10 38 001 1220	I2M200-001.1-F	
		Male	10 38 001 1120	I2M200-001.1-M	

Sare®  
Modules

Technical characteristics

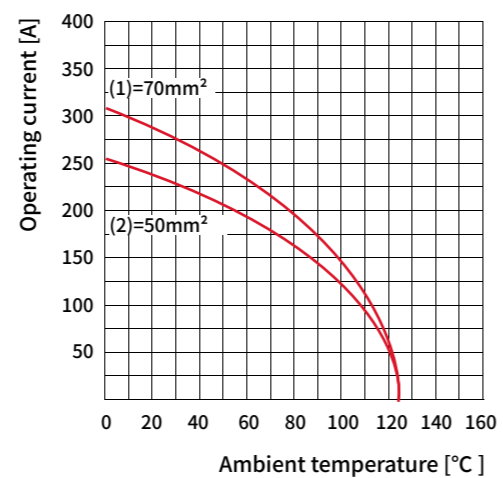
Number of contacts		1
Contact resistance	[mΩ]	≤ 0.2
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:

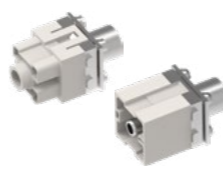
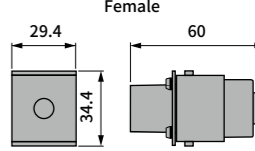
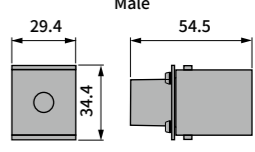
IEC 60664-1,  
IEC 61984

Derating Diagramm



(1): B24 hoods/housings with 3 modules  
conductor cross-section 70mm<sup>2</sup>  
(2): B24 hoods/housings with 3 modules  
conductor cross-section 50mm<sup>2</sup>

Number of contacts: 1

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
AXIAL SCREW termination 	40 ... 70mm <sup>2</sup>	Female	10 38 001 1231	I2M200PE-001.2-F	Female 
		Male	10 38 001 1131	I2M200PE-001.2-M	
	25 ... 40mm <sup>2</sup>	Female	10 38 001 1230	I2M200PE-001.1-F	Male 
		Male	10 38 001 1130	I2M200PE-001.1-M	

Sare®  
Modules

Sare® Modules

**Features**

- In mating side the contacts can be easily offloaded

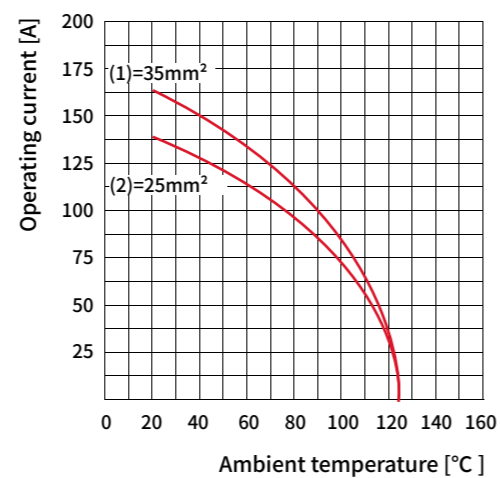
**Technical characteristics**

Number of contacts		2
Rated current	[A]	100
Rated voltage	[V]	1000
Rated impulse voltage	[kV]	8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 0.3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**


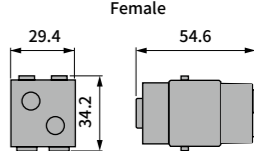

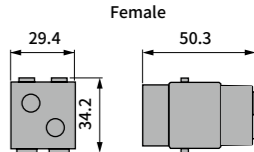
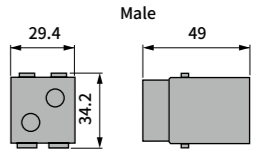
Compliant:  
IEC 60664-1,  
IEC 61984

**Derating Diagramm**



(1): B24 hoods/housings with 3 modules conductor cross-section 35mm<sup>2</sup>  
(2): B24 hoods/housings with 3 modules conductor cross-section 25mm<sup>2</sup>

**Number of contacts: 2**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	10 ... 35mm <sup>2</sup>	Female	10 38 002 2200	I2M100-002-CF	Female 
		Male	10 38 002 2100	I2M100-002-CM	
Please order <b>C100</b> crimp contacts separately					
AXIAL SCREW termination 	16 ... 35mm <sup>2</sup>	Female	10 38 002 1201	I2M100-002.2-F	Female 
		Male	10 38 002 1101	I2M100-002.2-M	
	10 ... 25mm <sup>2</sup>	Female	10 38 002 1200	I2M100-002.1-F	Male 
		Male	10 38 002 1100	I2M100-002.1-M	

Sare® Modules

Sare®  
Modules

**Features**

- In mating side the contacts can be easily offloaded

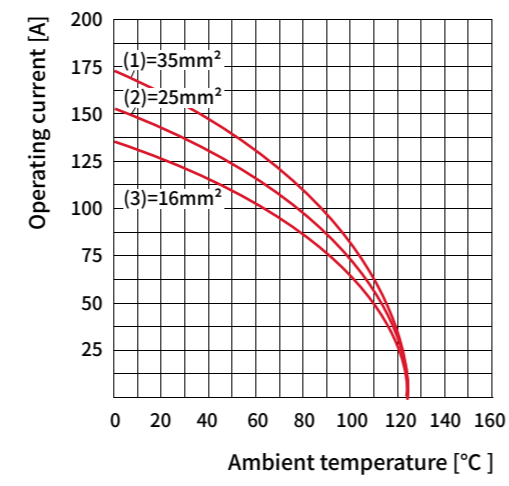
**Technical characteristics**

Number of contacts		1
Rated current	[A]	100
Rated voltage	[V]	830
Rated impulse voltage	[kV]	8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 0.3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant


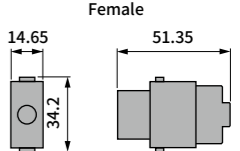
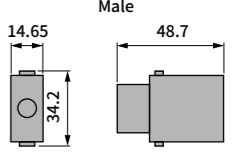

**Specifications**

Compliant:  
  
IEC 60664-1,  
IEC 61984

**Derating Diagramm**



**Number of contacts: 1**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination  	10 ... 35mm <sup>2</sup>	Female	10 38 001 2210	IM100-001-CF	Female  Male 
		Male	10 38 001 2110	IM100-001-CM	
Please order <b>C100</b> crimp contacts separately 					

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**Features**

- Male inserts is protected
- For power circuits

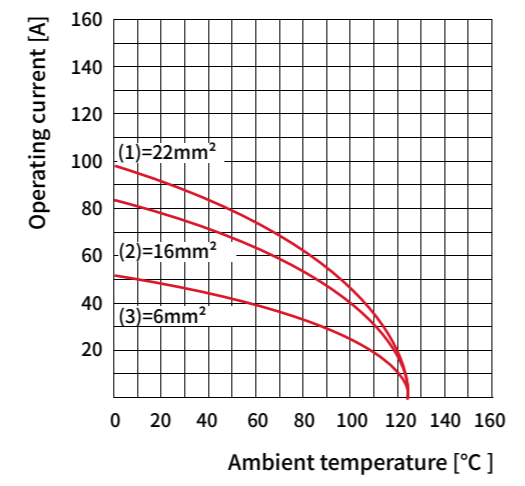
**Technical characteristics**

Number of contacts		2
Rated current	[A]	70
Rated voltage	[V]	1000
Rated impulse voltage	[kV]	8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 0.5
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**


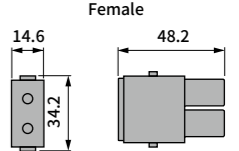

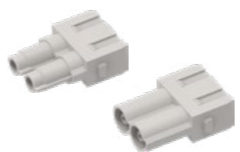
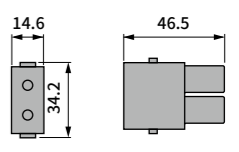
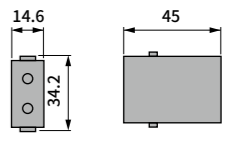
Compliant:  
  
IEC 60664-1,  
IEC 61984

**Derating Diagramm**



- (1): B24 hoods/housings with 6 modules conductor cross-section 22mm<sup>2</sup>
- (2): B24 hoods/housings with 6 modules conductor cross-section 16mm<sup>2</sup>
- (3): B24 hoods/housings with 6 modules conductor cross-section 6mm<sup>2</sup>

**Number of contacts: 2**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination  	10 ... 25mm <sup>2</sup>	Female	10 38 002 2210	IM70-002-CF	Female 
		Male	10 38 002 2110	IM70-002-CM	
Please order <b>C70</b> crimp contacts separately 					
AXIAL SCREW termination  	14 ... 22mm <sup>2</sup>	Female	10 38 002 1221	IM70-002.2-F	Female 
		Male	10 38 002 1121	IM70-002.2-M	
	6 ... 16mm <sup>2</sup>	Female	10 38 002 1220	IM70-002.1-F	Male 
		Male	10 38 002 1120	IM70-002.1-M	

Sare®  
Modules



Features

- Crimp termination available

Technical characteristics

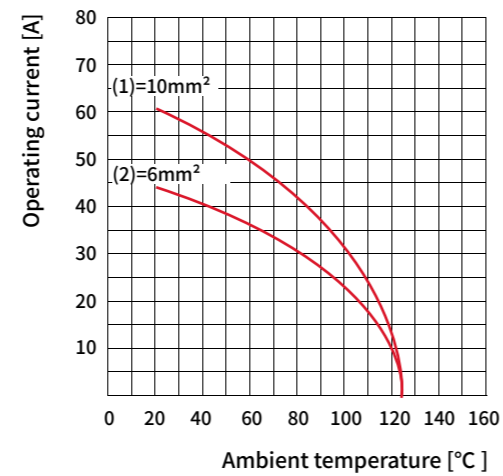
Number of contacts		2
Rated current	[A]	40
Rated voltage	[V]	1000
Rated impulse voltage	[kV]	8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance (Crimp termination)	[mΩ]	≤ 1
Contact resistance (Axial screw termination)	[mΩ]	≤ 0.3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:


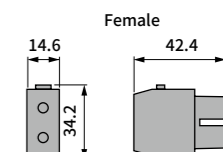

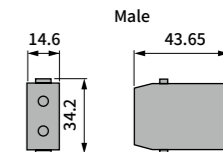
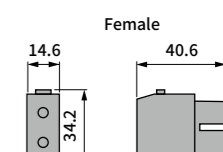
IEC 60664-1,  
IEC 61984

Derating Diagramm



(1): B24 hoods/housings with 6 modules conductor cross-section 10mm<sup>2</sup>  
 (2): B24 hoods/housings with 6 modules conductor cross-section 6mm<sup>2</sup>

Number of contacts: 2

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	1.5 ... 10mm <sup>2</sup>	Female	10 38 002 2220	IMC-002-CF	
		Male	10 38 002 2120	IMC-002-CM	
Please order <span style="background-color: green; color: white; border-radius: 50%; padding: 2px;">CC</span> crimp contacts separately					
AXIAL SCREW termination 	6 ... 10mm <sup>2</sup>	Female	10 38 002 1211	IMC-002.2-F	
		Male	10 38 002 1111	IMC-002.2-M	
	2.5 ... 8mm <sup>2</sup>	Female	10 38 002 1210	IMC-002.1-F	
		Male	10 38 002 1110	IMC-002.1-M	

Features

- Power up to 40A

Technical characteristics

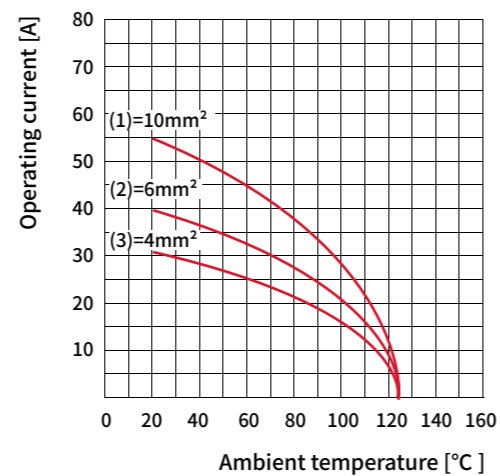
Number of contacts		3
Rated current	[A]	40
Rated voltage	[V]	690
Rated impulse voltage	[kV]	8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance (Crimp termination)	[mΩ]	≤ 1
Contact resistance (Axial screw termination)	[mΩ]	≤ 0.3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:


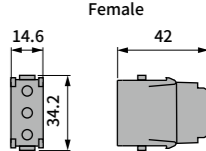


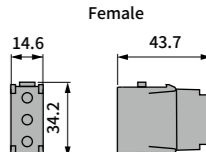
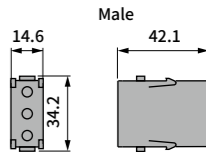
IEC 60664-1,  
IEC 61984

Derating Diagramm



(1): B24 hoods/housings with 6 modules conductor cross-section 10mm<sup>2</sup>  
 (2): B24 hoods/housings with 6 modules conductor cross-section 6mm<sup>2</sup>  
 (3): B24 hoods/housings with 6 modules conductor cross-section 4mm<sup>2</sup>

Number of contacts: 3

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	1.5 ... 6mm <sup>2</sup>	Female	10 38 003 2200	IMC-003-CF	
		Male	10 38 003 2100	IMC-003-CM	
Please order <b>CC</b> crimp contacts separately 					
AXIAL SCREW termination 	6 ... 10mm <sup>2</sup>	Female	10 38 003 1211	IMC-003.2-F	
		Male	10 38 003 1111	IMC-003.2-M	
	2.5 ... 8mm <sup>2</sup>	Female	10 38 003 1210	IMC-003.1-F	
		Male	10 38 003 1110	IMC-003.1-M	

Features

- Suitable for Sare® CC Crimp contacts
- Working voltage up to 830V
- High density of contacts

Technical characteristics

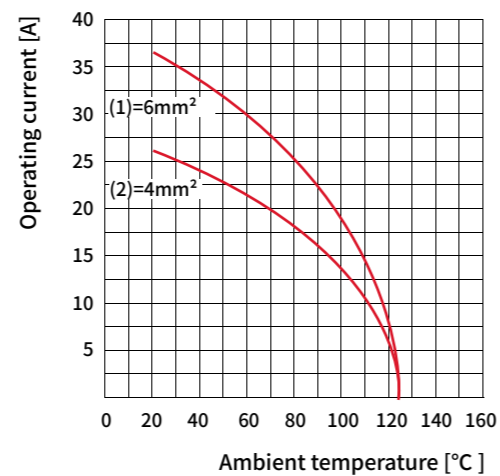
Number of contacts		4
Rated current	[A]	40
Rated voltage	[V]	830
Rated impulse voltage	[kV]	8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 1
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:


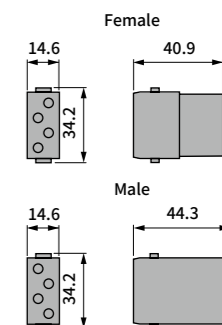

IEC 60664-1,  
IEC 61984

Derating Diagramm



(1): B24 hoods/housings with 6 modules  
conductor cross-section 6mm<sup>2</sup>  
(2): B24 hoods/housings with 6 modules  
conductor cross-section 4mm<sup>2</sup>

Number of contacts: 4

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	1.5 ... 6mm <sup>2</sup>	Female	10 38 004 2200	IMCC-004-CF	 <p>Female: 14.6, 34.2, 40.9 Male: 14.6, 34.2, 44.3</p>
		Male	10 38 004 2100	IMCC-004-CM	
Please order <b>CC</b> crimp contacts separately 					

Sare®  
Modules

**Features**

- Power circuits up to 40A and signal circuits up to 10A

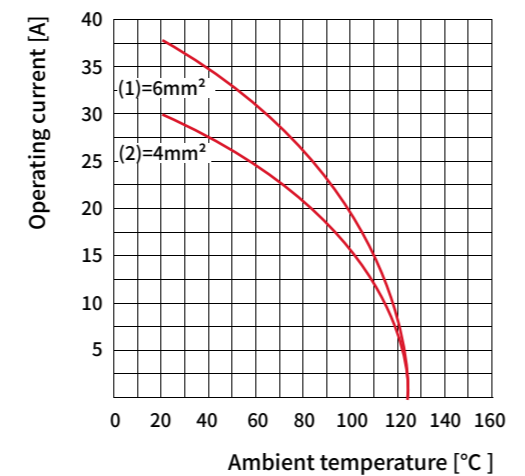
**Technical characteristics**

Number of contacts(Power + Signal)		4 + 3
<b>- Power Ratings:</b>		
Rated current	[A]	40
Rated voltage	[V]	830
Rated impulse voltage	[kV]	8
Pollution degree		3
Contact resistance	[mΩ]	≤ 1
<b>- Signal Ratings:</b>		
Rated current(signal)	[A]	10
Rated voltage(signal)	[V]	830
Rated impulse voltage(signal)	[kV]	8
Pollution degree(signal)		3
Contact resistance(signal)	[mΩ]	≤ 3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**


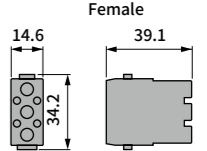
Compliant:  
  
IEC 60664-1,  
IEC 61984

**Derating Diagramm**



(1): B24 hoods/housings with 6 modules conductor cross-section 6mm<sup>2</sup>  
 (2): B24 hoods/housings with 6 modules conductor cross-section 4mm<sup>2</sup>

**Number of contacts: 3 + 4(additional signal contacts)**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination  	0.14 ... 6mm <sup>2</sup>	Female	10 38 007 2200	IMCD-003/4-CF	
		Male	10 38 007 2100	IMCD-003/4-CM	

Please order **CC** and **CD** crimp contacts separately

Sare®  
Modules

**Features**

- Reliable spring termination
- No special tools required

**Technical characteristics**

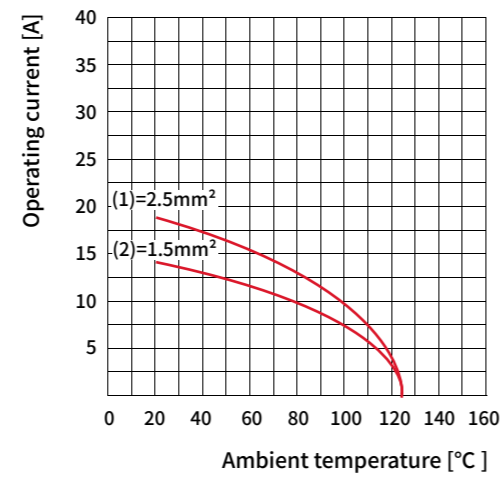
Number of contacts		5
Rated current	[A]	16
Rated voltage	[V]	400
Rated impulse voltage	[kV]	6
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**

Compliant:

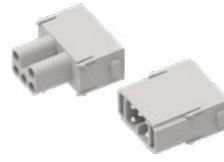
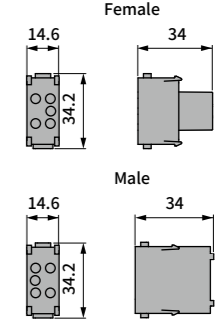
IEC 60664-1,  
IEC 61984

**Derating Diagramm**



(1): B24 hoods/housings with 6 modules  
conductor cross-section 2.5mm<sup>2</sup>  
(2): B24 hoods/housings with 6 modules  
conductor cross-section 1.5mm<sup>2</sup>

**Number of contacts: 5**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
SPRING termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 38 005 3200	IME-005-SF	
		Male	10 38 005 3100	IME-005-SM	

Sare®  
Modules

Sare®  
Modules

Features

- Working voltage up to 830V
- Suitable for Sare® CE crimp contacts

Technical characteristics

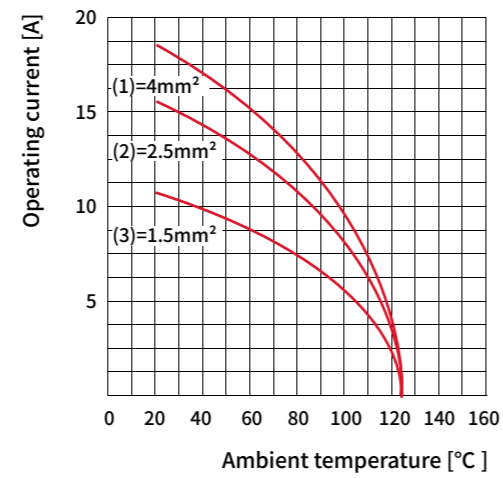
Number of contacts		6
Rated current	[A]	16
Rated voltage	[V]	830
Rated impulse voltage	[kV]	8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 1
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:


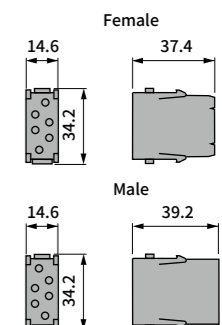

IEC 60664-1,  
IEC 61984

Derating Diagramm



- (1): B24 hoods/housings with 6 modules conductor cross-section 4mm<sup>2</sup>
- (2): B24 hoods/housings with 6 modules conductor cross-section 2.5mm<sup>2</sup>
- (3): B24 hoods/housings with 6 modules conductor cross-section 1.5mm<sup>2</sup>

Number of contacts: 6

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 38 006 2210	IMEP-006-CF	 <p>Female: 14.6, 37.4, 34.2 Male: 14.6, 39.2, 34.2</p>
		Male	10 38 006 2110	IMEP-006-CM	
Please order <b>CE</b> crimp contacts separately 					

Sare®  
Modules

**Features**

- Power up to 16A
- Crimp termination available

**Technical characteristics**

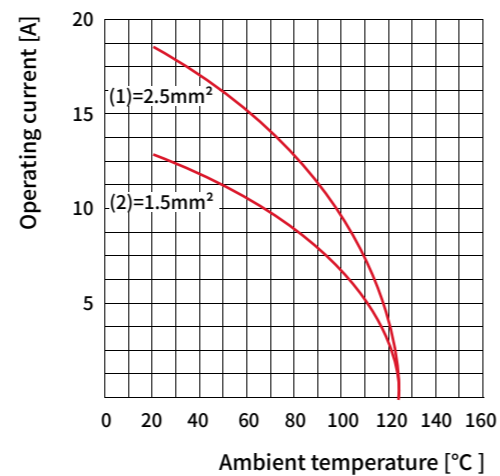
Number of contacts		6
Rated current	[A]	16
Rated voltage	[V]	500
Rated impulse voltage	[kV]	6
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 1
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**

Compliant:


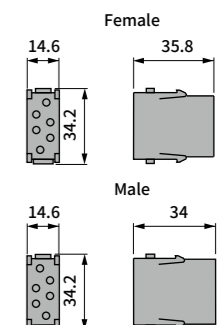

IEC 60664-1,  
IEC 61984

**Derating Diagramm**



(1): B24 hoods/housings with 6 modules  
conductor cross-section 2.5mm<sup>2</sup>  
(2): B24 hoods/housings with 6 modules  
conductor cross-section 1.5mm<sup>2</sup>

**Number of contacts: 6**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 38 006 2200	IME-006-CF	 <p>Female: 14.6, 35.8, 34.2 Male: 14.6, 34, 34.2</p>
		Male	10 38 006 2100	IME-006-CM	
Please order <b>CE</b> crimp contacts separately 					

Share Modules

**Features**

- High packing density
- Crimp termination available

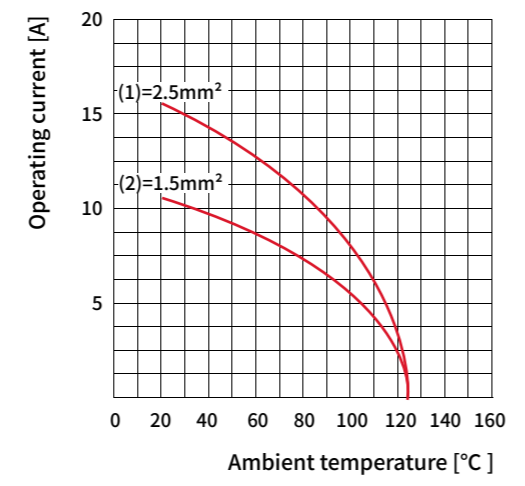
**Technical characteristics**

Number of contacts		8
Rated current	[A]	16
Rated voltage	[V]	400
Rated impulse voltage	[kV]	6
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 1
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**


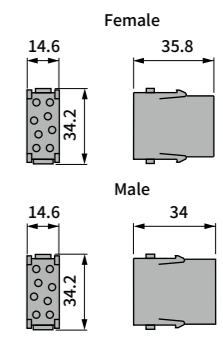

Compliant:  
IEC 60664-1,  
IEC 61984

**Derating Diagramm**



(1): B24 hoods/housings with 6 modules conductor cross-section 2.5mm<sup>2</sup>  
 (2): B24 hoods/housings with 6 modules conductor cross-section 1.5mm<sup>2</sup>

**Number of contacts: 8**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 4mm <sup>2</sup>	Female	10 38 008 2200	IMEE-008-CF	 <p>Female: 14.6, 35.8, 34.2 Male: 14.6, 34, 34.2</p>
		Male	10 38 008 2100	IMEE-008-CM	
Please order <b>CE</b> crimp contacts separately 					

Share Modules



Features

- Power up to 16A
- Suitable for Sare® CE Crimp contacts
- High density of crimping contacts

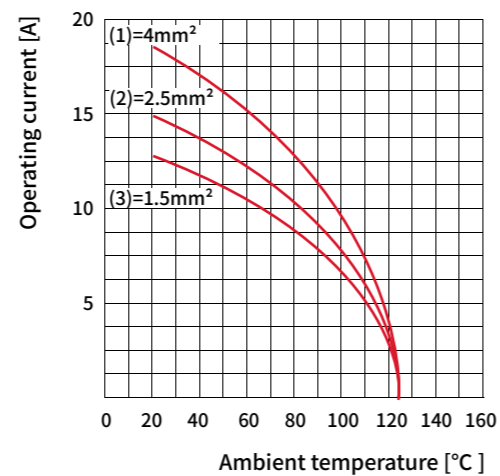
Technical characteristics

Number of contacts		20
Rated current	[A]	16
Rated voltage	[V]	500
Rated impulse voltage	[kV]	6
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 1
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:  
  
IEC 60664-1,  
IEC 61984

Derating Diagramm



- (1): B24 hoods/housings with 3 modules conductor cross-section 4mm<sup>2</sup>
- (2): B24 hoods/housings with 3 modules conductor cross-section 2.5mm<sup>2</sup>
- (3): B24 hoods/housings with 3 modules conductor cross-section 1.5mm<sup>2</sup>

Number of contacts: 20

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination	0.14 ... 4mm <sup>2</sup>	Female	10 38 020 2200	I2MEEE-020-CF	
		Male	10 38 020 2100	I2MEEE-020-CM	



Please order **CE** crimp contacts separately

Features

- Signal up to 10A
- Crimp termination available

Technical characteristics

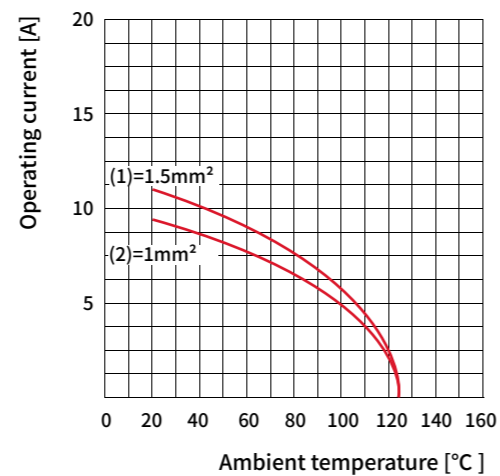
Number of contacts		12
Rated current	[A]	10
Rated voltage	[V]	250
Rated impulse voltage	[kV]	4
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 1
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:


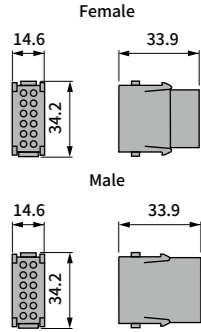

- IEC 60664-1,
- IEC 61984

Derating Diagramm



(1): B24 hoods/housings with 6 modules conductor cross-section 1.5mm<sup>2</sup>  
 (2): B24 hoods/housings with 6 modules conductor cross-section 1mm<sup>2</sup>

Number of contacts: 12

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 38 012 2200	IMDD-012-CF	
		Male	10 38 012 2100	IMDD-012-CM	
Please order <b>CD</b> crimp contacts separately 					

Sare®  
Modules

Features

- High packing density
- Suitable for Sare® CD Crimp contacts

Technical characteristics

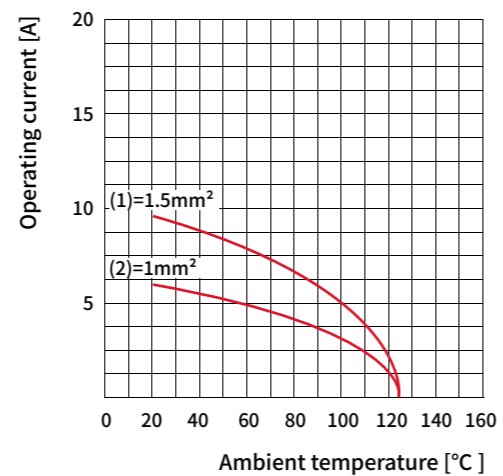
Number of contacts		17
Rated current	[A]	10
Rated voltage	[V]	160
Rated impulse voltage	[kV]	2.5
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:

IEC 60664-1,  
IEC 61984

Derating Diagramm



(1): B24 hoods/housings with 6 modules  
conductor cross-section 1.5mm<sup>2</sup>  
(2): B24 hoods/housings with 6 modules  
conductor cross-section 1mm<sup>2</sup>

Number of contacts: 17

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination	0.14 ... 2.5mm <sup>2</sup>	Female	10 38 017 2200	IMDDD-017-CF	
		Male	10 38 017 2100	IMDDD-017-CM	

Please order **CD** crimp contacts separately

Sare®  
Modules

Features

- High packing density

Technical characteristics

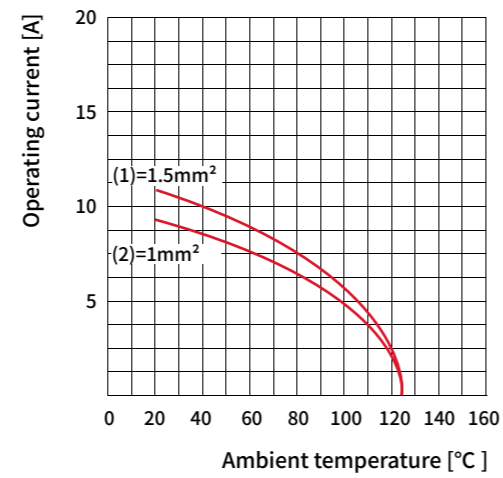
Number of contacts		42
Rated current	[A]	10
Rated voltage	[V]	160
Rated impulse voltage	[kV]	2.5
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:

IEC 60664-1,  
IEC 61984

Derating Diagramm



(1): B24 hoods/housings with 3 modules conductor cross-section 1.5mm<sup>2</sup>  
 (2): B24 hoods/housings with 3 modules conductor cross-section 1mm<sup>2</sup>

Number of contacts: 42

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination	0.14 ... 2.5mm <sup>2</sup>	Female	10 38 042 2200	I2MDD-042-CF	
		Male	10 38 042 2100	I2MDD-042-CM	

Please order **CD** crimp contacts separately



Sare®  
Modules

Features

- High packing density
- Suitable for standard Sare® C-Sub crimp contacts

Technical characteristics

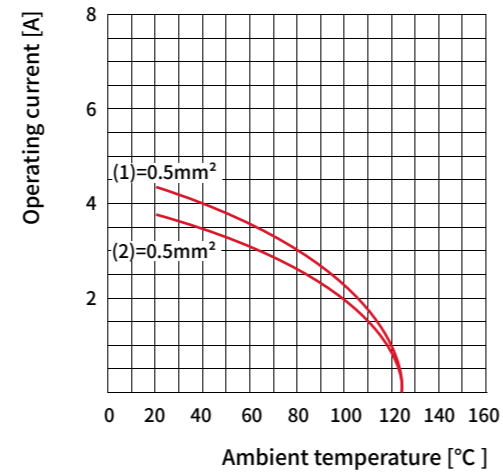
Number of contacts		25
Rated current	[A]	4
Rated voltage	[V]	50
Rated impulse voltage	[kV]	0.8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 10
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:


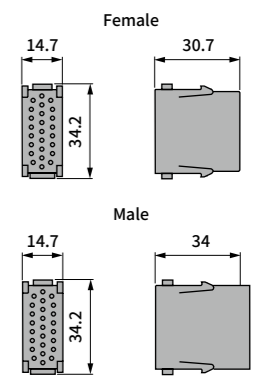

IEC 60664-1,  
IEC 61984

Derating Diagramm



(1): B24 hoods/housings with 6 modules;  
turned contacts conductor cross-section 0.5mm<sup>2</sup>  
(2): B24 hoods/housings with 6 modules;  
stamped contacts conductor cross-section 0.5mm<sup>2</sup>

Number of contacts: 25

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
CRIMP termination 	0.09 ... 0.52mm <sup>2</sup>	Female	10 38 025 2200	IMS-025-CF	 <p>Female: 14.7, 30.7, 34.2 Male: 14.7, 34, 34.2</p>
		Male	10 38 025 2100	IMS-025-CM	
Please order <b>Csub</b> crimp contacts separately 					

Sare®  
Modules

Sare®  
Modules

Technical characteristics


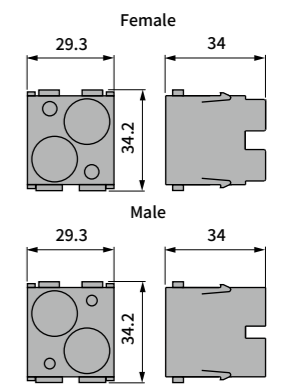

Rated current	[A]	10
Rated voltage	[V]	50
Rated impulse voltage	[kV]	0.8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Contact resistance (shielding)	[mΩ]	≤ 10
Impedance	[Ω]	75
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Material(shielding)		Zinc die-cast, nickel plated
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:

IEC 60664-1,  
IEC 61984

Number of contacts: 1 + Shielding

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
Quin-Shielded modules 		Female	10 38 002 0200	I2M-002-F	
		Male	10 38 002 0100	I2M-002-M	
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 38 001 0200	QD-001-CF	
		Male	10 38 001 0100	QD-001-CM	

Please order **CD** crimp contacts separately

Sare®  
Modules

Share Modules

**Features**

- Suitable for the transmission of sensitive signals

**Technical characteristics**


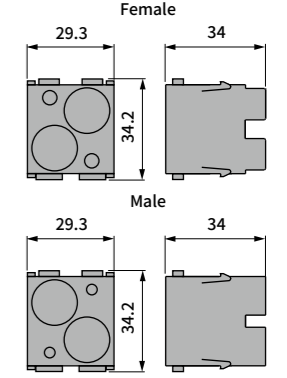

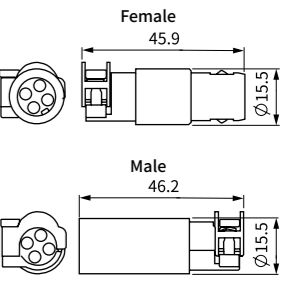

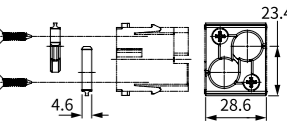
Rated current	[A]	10
Rated voltage	[V]	50
Rated impulse voltage	[kV]	0.8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 3
Contact resistance (shielding)	[mΩ]	≤ 10
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Material(shielding)		Zinc die-cast, nickel plated
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Material(accessories)		Metal
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**

Compliant:

IEC 60664-1,  
IEC 61984

**Number of contacts: 4 + Shielding**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
Quin-Shielded modules 		Female	10 38 002 0200	I2M-002-F	
		Male	10 38 002 0100	I2M-002-M	
CRIMP termination 	0.14 ... 2.5mm <sup>2</sup>	Female	10 38 004 0200	QD-004-CF	
		Male	10 38 004 0100	QD-004-CM	
Module Adapter (Optional) 			10 38 002 8000	I2M-002-ADPT	

Please order **CD** crimp contacts separately

Share Modules

Sare®  
Modules

**Technical characteristics**


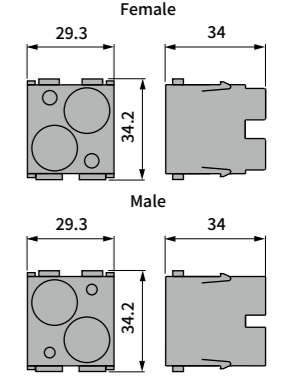

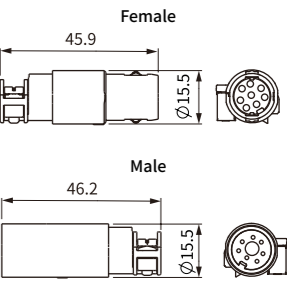

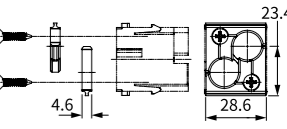
Rated current	[A]	5
Rated voltage	[V]	50
Rated impulse voltage	[kV]	0.8
Pollution degree		3
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 10
Contact resistance (shielding)	[mΩ]	≤ 10
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Material(shielding)		Zinc die-cast, nickel plated
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Material(accessories)		Metal
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**

Compliant:

IEC 60664-1,  
IEC 61984

**Number of contacts: 8 + Shielding**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)
Quin-Shielded modules 		Female	10 38 002 0200	I2M-002-F	
		Male	10 38 002 0100	I2M-002-M	
CRIMP termination 	0.09 ... 0.52mm <sup>2</sup>	Female	10 38 008 0200	QS-008-CF	
		Male	10 38 008 0100	QS-008-CM	
Module Adapter (Optional) 			10 38 002 8000	I2M-002-ADPT	

Please order **Csub** crimp contacts separately

Sare®  
Modules



Sare®  
Modules

**Features**

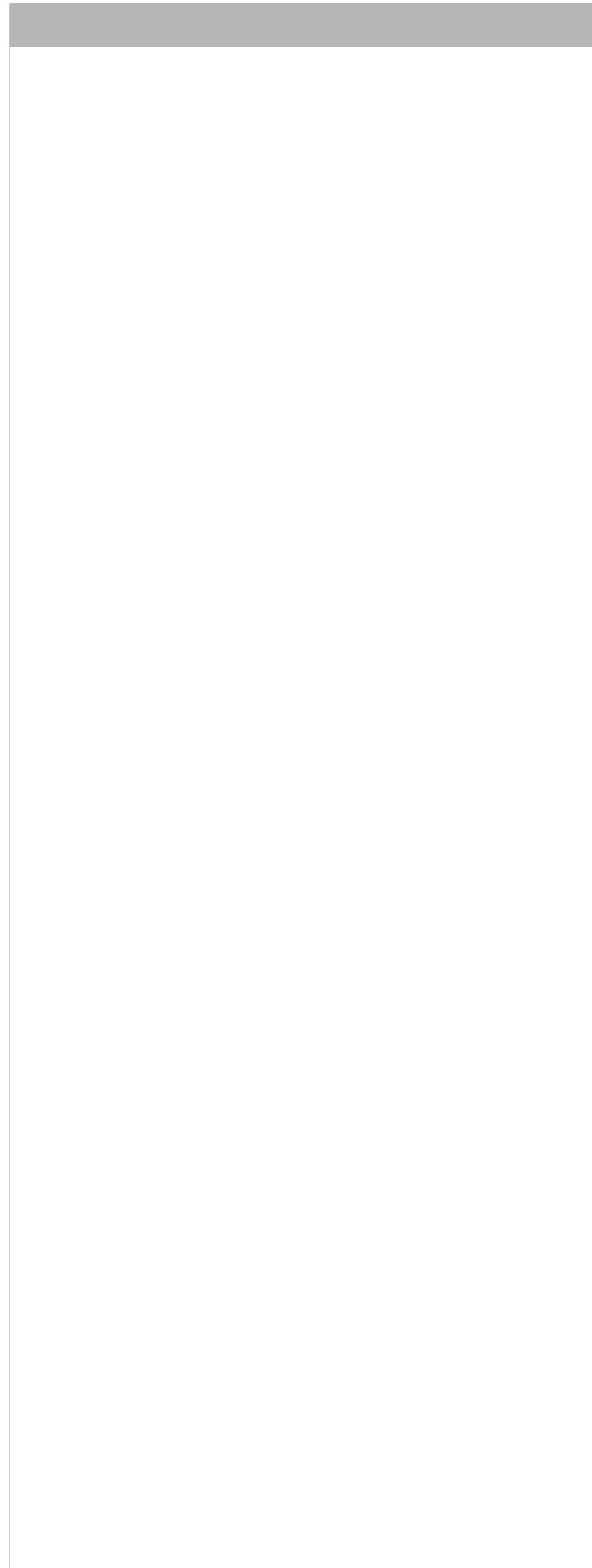
- Suitable for FOC and coaxial contacts acc. to C-sub

**Technical characteristics**


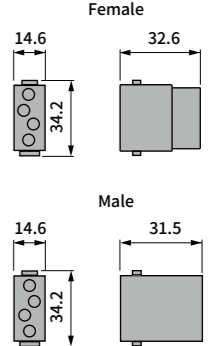

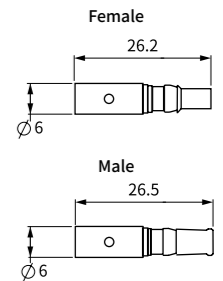

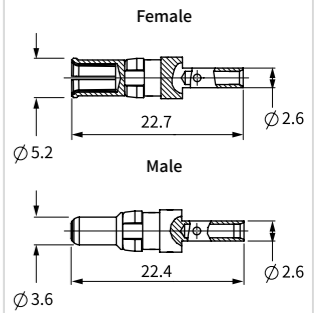
Number of contacts		4
Rated current	[A]	1.5
Rated voltage	[V]	50
Insulation resistance	[Ω]	≥ 10 <sup>10</sup>
Contact resistance	[mΩ]	≤ 10
Impedance	[Ω]	50
Limiting temperature	[°C]	-40 ... +125
Material(insert)		Polycarbonate
Color(insert)		RAL7032(Pebble grey)
Material(contact)		Copper alloy
Mating cycles		≥ 500
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**

Compliant:  
IEC 60664-1,  
IEC 61984



**Number of contacts: 4**

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)						
CRIMP termination 		Female Male	10 38 004 2221 10 38 004 2120	IMM-004D-CF IMM-004-CM							
Coaxial contact, SOLDER/CRIMP termination, 50Ω, for cables RG58, gold plated 		Female Male	10 38 004 0200 10 38 004 0100	COAX-50R-SF(RG58) COAX-50R-SM(RG58)							
Crimp contact for Multi Modules, C-sub series, turned, gold plated 	0.5 ... 1.0mm <sup>2</sup>	Female Male	10 38 004 7200 10 38 004 7100	CMG-1.5-F CMG-1.5-M	 <table border="1" data-bbox="2630 1429 2933 1512"> <thead> <tr> <th colspan="2">Conductor cross-section(mm<sup>2</sup>)</th> <th>Stripping length(mm)</th> </tr> </thead> <tbody> <tr> <td>0.5-1.0</td> <td>AWG 20-16</td> <td>7.5</td> </tr> </tbody> </table>	Conductor cross-section(mm <sup>2</sup> )		Stripping length(mm)	0.5-1.0	AWG 20-16	7.5
Conductor cross-section(mm <sup>2</sup> )		Stripping length(mm)									
0.5-1.0	AWG 20-16	7.5									

Sare®  
Modules

Sare®  
Modules

Features

- For the transmission of clean and dry compressed air
- Female contacts with/without shut-off

Technical characteristics


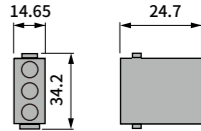

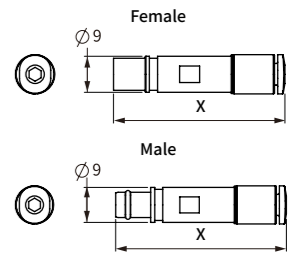

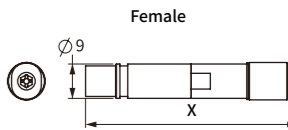

Number of contacts		3
Limiting temperature	[°C]	-40 ... +85
Mating cycles		≥ 10000(only in combination with the metal Docking Frame)
Tube Outer Diameter	[mm]	3/4/6
Material(insert)		Polycarbonate
Color(insert)		Blue
Material(contact)		Brass
Material(seal)		NBR
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:

IEC 60664-1,  
IEC 61984

Number of contacts: 3

Identification	Tube Outer Diameter	Gender	Part No.	Type Name	Dimensions (in mm)														
Pneumatic module 			10 38 003 0000	IMP-003															
Pneumatic contact, without shut-off, straight, Tube outer diameter 	3mm	Female	10 38 000 7200	CP-3-F	 <table border="1" data-bbox="2636 957 2909 1087"> <thead> <tr> <th rowspan="2">Hose Inner Diameter</th> <th colspan="2">X</th> </tr> <tr> <th>Female</th> <th>Male</th> </tr> </thead> <tbody> <tr> <td>3mm</td> <td>42.6</td> <td>43.7</td> </tr> <tr> <td>4mm</td> <td>42.8</td> <td>43.9</td> </tr> <tr> <td>6mm</td> <td>44.8</td> <td>45.9</td> </tr> </tbody> </table>	Hose Inner Diameter	X		Female	Male	3mm	42.6	43.7	4mm	42.8	43.9	6mm	44.8	45.9
	Hose Inner Diameter	X																	
		Female	Male																
	3mm	42.6	43.7																
	4mm	42.8	43.9																
	6mm	44.8	45.9																
		Male	10 38 000 7100	CP-3-M															
	4mm	Female	10 38 000 7201	CP-4-F															
		Male	10 38 000 7101	CP-4-M															
	6mm	Female	10 38 000 7202	CP-6-F															
		Male	10 38 000 7102	CP-6-M															
Pneumatic contact, with shut-off, straight, Tube outer diameter 	3mm	Female	10 38 000 7210	CPS-3-F	 <table border="1" data-bbox="2636 1243 2909 1371"> <thead> <tr> <th rowspan="2">Hose Inner Diameter</th> <th colspan="2">X</th> </tr> <tr> <th>Female</th> <th>-</th> </tr> </thead> <tbody> <tr> <td>3mm</td> <td>47.9</td> <td>-</td> </tr> <tr> <td>4mm</td> <td>55.6</td> <td>-</td> </tr> <tr> <td>6mm</td> <td>57.6</td> <td>-</td> </tr> </tbody> </table>	Hose Inner Diameter	X		Female	-	3mm	47.9	-	4mm	55.6	-	6mm	57.6	-
	Hose Inner Diameter	X																	
		Female	-																
3mm	47.9	-																	
4mm	55.6	-																	
6mm	57.6	-																	
	4mm	Female	10 38 000 7211	CPS-4-F															
	6mm	Female	10 38 000 7212	CPS-6-F															
Removal tool 			10 99 000 0204	TOOL-RP															

Sare®  
Modules

Sare®  
Modules

**Features**

- For the transmission of clean and dry compressed air
- Female contacts with/without shut-off

**Technical characteristics**


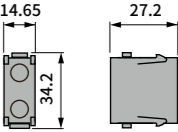

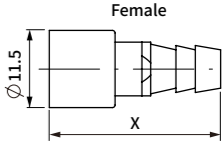
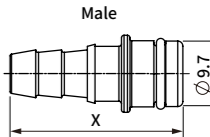

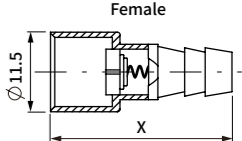
Number of contacts		2
Limiting temperature	[°C]	-40 ... +85
Mating cycles		≥ 500
Hose Inner Diameter	[mm]	6
Material(insert)		Polycarbonate
Color(insert)		Blue
Material(contact)		Plastic
Material(seal)		NBR
Material flammability class acc. to UL94		V-0
RoHS		Compliant

**Specifications**

Compliant:

IEC 60664-1,  
IEC 61984

**Number of contacts: 2**

Identification	Hose Inner Diameter	Gender	Part No.	Type Name	Dimensions (in mm)									
Pneumatic module 			10 38 002 0010	IMP-002/P										
Pneumatic contact, without shut-off, straight 	6mm	Female	10 38 000 7223	CP-6-F/P										
		Male	10 38 000 7113	CP-6-M/P										
					<table border="1"> <thead> <tr> <th>Hose Inner Diameter</th> <th colspan="2">X</th> </tr> <tr> <th></th> <th>Female</th> <th>Male</th> </tr> </thead> <tbody> <tr> <td>6mm</td> <td>26.4mm</td> <td>25.8mm</td> </tr> </tbody> </table>	Hose Inner Diameter	X			Female	Male	6mm	26.4mm	25.8mm
Hose Inner Diameter	X													
	Female	Male												
6mm	26.4mm	25.8mm												
Pneumatic contact, with shut-off, straight 	6mm	Female	10 38 000 7233	CPS-6-F/P										
					<table border="1"> <thead> <tr> <th>Hose Inner Diameter</th> <th colspan="2">X</th> </tr> <tr> <th></th> <th>Female</th> <th>-</th> </tr> </thead> <tbody> <tr> <td>6mm</td> <td>26.3mm</td> <td>-</td> </tr> </tbody> </table>	Hose Inner Diameter	X			Female	-	6mm	26.3mm	-
Hose Inner Diameter	X													
	Female	-												
6mm	26.3mm	-												

Sare®  
Modules

Features

- For the transmission of clean and dry compressed air
- Female contacts with/without shut-off

Technical characteristics


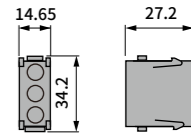

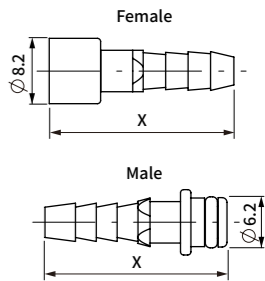

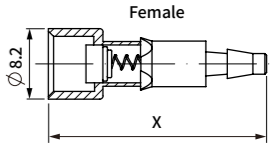
Number of contacts		3
Limiting temperature	[°C]	-40 ... +85
Mating cycles		≥ 500
Hose Inner Diameter	[mm]	1.6/3/4
Material(insert)		Polycarbonate
Color(insert)		Blue
Material(contact)		Plastic
Material(seal)		NBR
Material flammability class acc. to UL94		V-0
RoHS		Compliant

Specifications

Compliant:

IEC 60664-1,  
IEC 61984

Number of contacts: 3

Identification	Hose Inner Diameter	Gender	Part No.	Type Name	Dimensions (in mm)
Pneumatic module 			10 38 003 0010	IMP-003/P	
Pneumatic contact, without shut-off, straight 	1.6mm	Female	10 38 000 7220	CP-1.6-F/P	
		Male	10 38 000 7110	CP-1.6-M/P	
	3mm	Female	10 38 000 7221	CP-3-F/P	
		Male	10 38 000 7111	CP-3-M/P	
	4mm	Female	10 38 000 7222	CP-4-F/P	
		Male	10 38 000 7112	CP-4-M/P	
Pneumatic contact, with shut-off, straight 	1.6mm	Female	10 38 000 7230	CPS-1.6-F/P	
	3mm	Female	10 38 000 7231	CPS-3-F/P	
	4mm	Female	10 38 000 7232	CPS-4-F/P	

Hose Inner Diameter	X	
	Female	Male
1.6mm	23mm	19.2mm
3mm	25.5mm	20.4mm
4mm	23mm	22.7mm

Hose Inner Diameter	X	
	Female	-
1.6mm	23mm	-
3mm	25.5mm	-
4mm	23mm	-

Sare®  
Modules

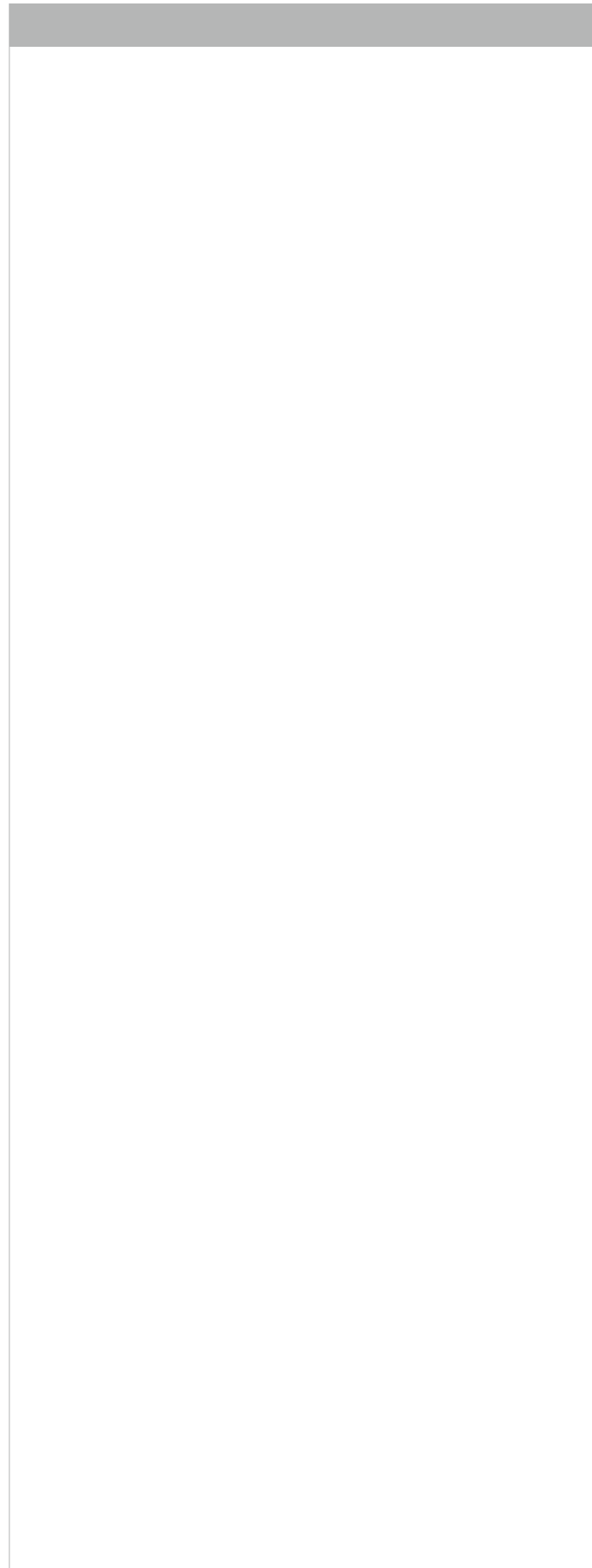
Technical characteristics

Material(module)	Polycarbonate
Material(locking)	Polycarbonate
Material(PE cable shoe)	Copper alloy
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Specifications

Compliant:

IEC 60664-1,  
IEC 61984



Identification

Dummy module



Locking element,  
for hinged frames



Cable shoe,  
for Modular Frame  
PE extension,  
for housings high  
construction only



Conductor  
Cross-section

Gender

Part No.

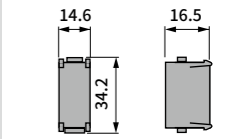
Type Name

Dimensions (in mm)

16mm<sup>2</sup>

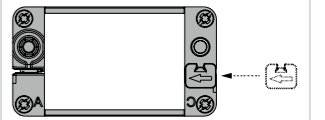
10 38 000 0000

IM-000



50 38 000 8000

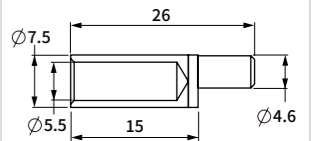
P.FMB-C



to fix the pre-assembled hinged frames

10 38 000 9900

PE-S16



Sare®  
Modules

Single locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M20	10 11 006 0001	HB06-TE-DB-M20	
Hood, side entry low construction	1 x M20	10 11 006 0101	HB06-SE-DB-M20	
	1 x M25	10 11 006 0102	HB06-SE-DB-M25	
Hood, high construction	Top entry			
	1 x M25	10 11 006 1002	HB06-HTE-DB-M25	
	1 x M32	10 11 006 1003	HB06-HTE-DB-M32	
	Side entry			
	1 x M25	10 11 006 1102	HB06-HSE-DB-M25	
	1 x M32	10 11 006 1103	HB06-HSE-DB-M32	
	No entry	10 11 006 1300	HB06-HNE-DB	

Identification


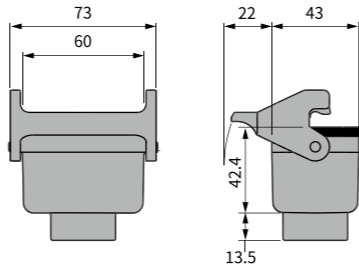

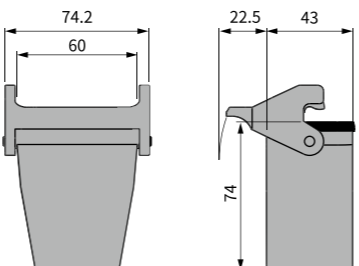
Cable entry


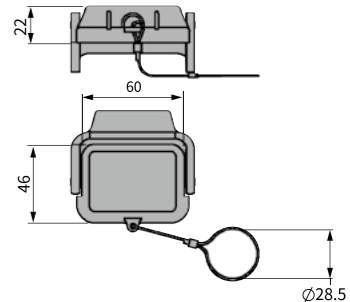

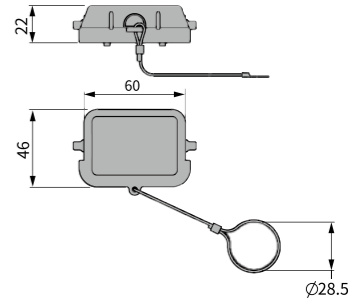

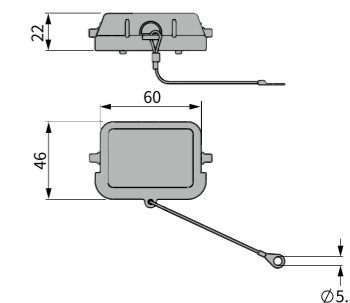

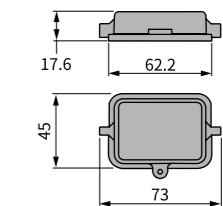
Part No.

Type Name

Dimensions (in mm)

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings	No cover	10 11 006 0510	HB06-BM-SL	
	Plastic cover	10 11 006 0551	HB06-BM-PC-SL	
	Metal cover	10 11 006 0552	HB06-BM-MC-SL	
Stainless steel lever options also available				
Surface mounted housings, low construction	No cover			
	1 x M20	10 11 006 0611	HB06-SM-SL-M20	
	2 x M20	10 11 006 0613	HB06-SM-SL-2M20	
	Plastic cover			
	1 x M20	10 11 006 0651	HB06-SM-PC-SL-M20	
	2 x M20	10 11 006 0653	HB06-SM-PC-SL-2M20	
Surface mounted housings, high construction	Metal cover			
	1 x M20	10 11 006 0652	HB06-SM-MC-SL-M20	
	2 x M20	10 11 006 0654	HB06-SM-MC-SL-2M20	
	No cover			
	2 x M25	10 11 006 1612	HB06-HSM-SL-2M25	
	2 x M32	10 11 006 1613	HB06-HSM-SL-2M32	
Surface mounted housings, high construction	Plastic cover			
	2 x M25	10 11 006 1652	HB06-HSM-PC-SL-2M25	
	2 x M32	10 11 006 1653	HB06-HSM-PC-SL-2M32	
	Metal cover			
	2 x M25	10 11 006 1655	HB06-HSM-MC-SL-2M25	
	2 x M32	10 11 006 1656	HB06-HSM-MC-SL-2M32	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cable to cable housings, low construction 	1 x M20	10 11 006 0411	HB06-CTC-SL-M20	
Cable to cable housings, high construction 	1 x M25 1 x M32	10 11 006 1412 10 11 006 1413	HB06-HCTC-SL-M25 HB06-HCTC-SL-M32	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cover, metal, for hoods, with fixing cord 		10 11 006 0810	HB06-MC/C-SL-O	
Cover, metal, for surface mounted, for cable to cable, with fixing cord 		10 11 006 0802	HB06-MC/B-DP-O	
Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord 		10 11 006 0801	HB06-MC/B-DP-T	
Cover, thermoplastic, for bulkhead mounted, for surface mounted 		10 11 006 0800	HB06-PC/B-DB	

Central locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

Hood,  
high construction



Cable entry

Side entry

1 x M25

10 11 006 1132

HB06-HSE-CL/S-M25

1 x M32

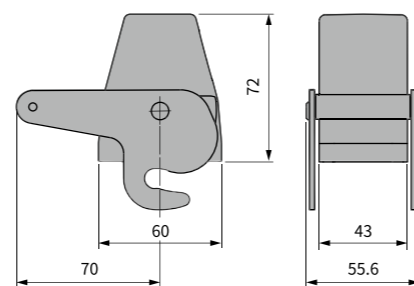
10 11 006 1133

HB06-HSE-CL/S-M32

Part No.

Type Name

Dimensions (in mm)

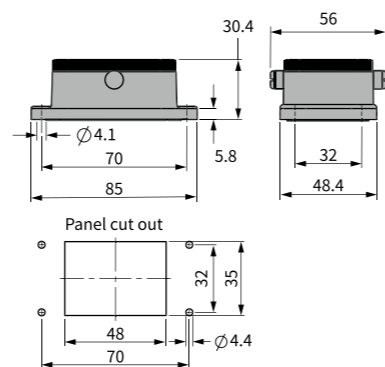


Bulkhead mounted  
 housings



10 11 006 0530

HB06-BM-CR



Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)



Sare®  
B


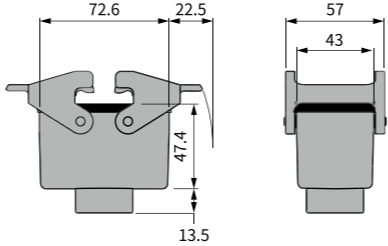


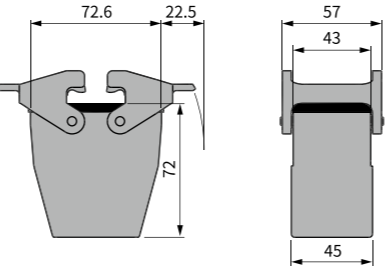



General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant


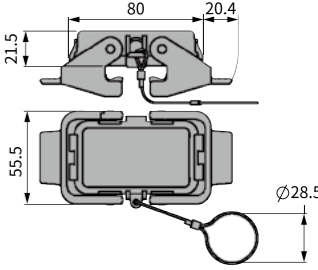

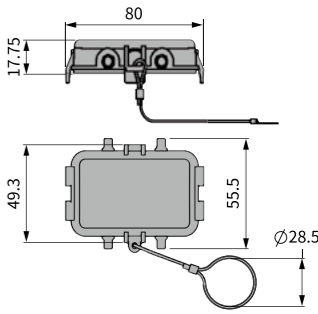

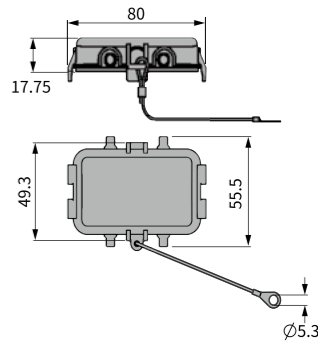

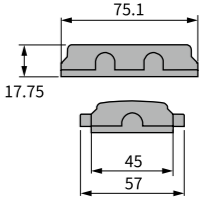
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M20	10 11 010 0041	HB10-TE-QB-M20	
	1 x M25	10 11 010 0042	HB10-TE-QB-M25	
Hood, side entry low construction	1 x M20	10 11 010 0141	HB10-SE-QB-M20	
	1 x M25	10 11 010 0142	HB10-SE-QB-M25	
Hood, high construction	Top entry			
	1 x M25	10 11 010 1042	HB10-HTE-QB-M25	
	1 x M32	10 11 010 1043	HB10-HTE-QB-M32	
	1 x M40	10 11 010 1044	HB10-HTE-QB-M40	
	2 x M20	10 11 010 1041	HB10-HTE-QB-2M20	
	Side entry			
1 x M25	10 11 010 1142	HB10-HSE-QB-M25		
1 x M32	10 11 010 1143	HB10-HSE-QB-M32		
No entry	10 11 010 1340	HB10-HNE-QB		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings		10 11 010 0520	HB10-BM-DL	
Surface mounted housings, low construction	1 x M20	10 11 010 0621	HB10-SM-DL-M20	
	1 x M25	10 11 010 0622	HB10-SM-DL-M25	
	2 x M20	10 11 010 0623	HB10-SM-DL-2M20	
Surface mounted housings, high construction	1 x M25	10 11 010 1622	HB10-HSM-DL-M25	
	2 x M25	10 11 010 1624	HB10-HSM-DL-2M25	
	2 x M32	10 11 010 1623	HB10-HSM-DL-2M32	

Sare®  
B

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<p>Cable to cable housings, low construction</p> 	1 x M20	10 11 010 0421	HB10-CTC-DL-M20	
 Stainless steel lever options also available				
<p>Cable to cable housings, high construction</p> 	1 x M25 1 x M32	10 11 010 1422 10 11 010 1423	HB10-HCTC-DL-M25 HB10-HCTC-DL-M32	
 Stainless steel lever options also available				

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<p>Cover, metal, for hoods, with fixing cord</p> 		10 11 010 0820	HB10-MC/C-DL-O	
<p>Cover, metal, for surface mounted, for cable to cable, with fixing cord</p> 		10 11 010 0841	HB10-MC/B-QP-O	
<p>Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord</p> 		10 11 010 0842	HB10-MC/B-QP-T	
<p>Cover, thermoplastic, for bulkhead mounted, for surface mounted</p> 		10 11 010 0800	HB10-PC/B-QB	

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)

Reversed Double locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)

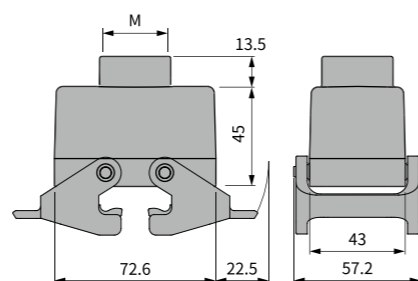
Hood, top entry  
low construction



1 x M20

10 11 010 0021

HB10-TE-DL-M20



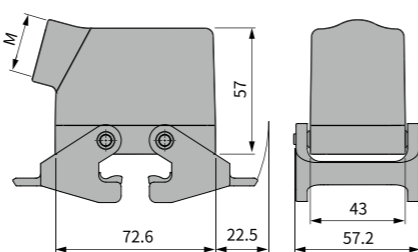
Hood, side entry  
low construction



1 x M20

10 11 010 0121

HB10-SE-DL-M20



Hood,  
high construction



Top entry

1 x M25

10 11 010 1022

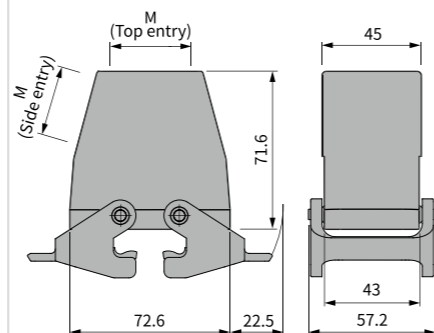
HB10-HTE-DL-M25

Side entry

1 x M32

10 11 010 1123

HB10-HSE-DL-M32



Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)

Bulkhead mounted housings



No cover

10 11 010 0543

HB10-BM-QP

Plastic cover

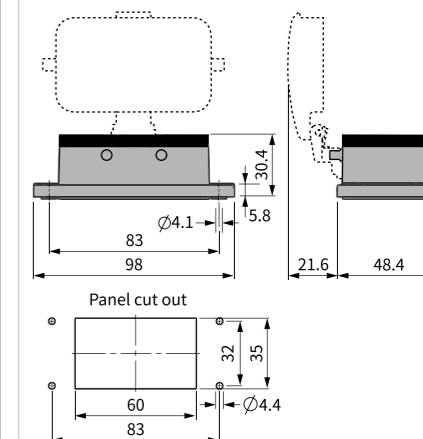
10 11 010 0540

HB10-BM-PC-QP

Metal cover

10 11 010 0541

HB10-BM-MC-QP



Surface mounted housings,  
low construction



No cover

10 11 010 0643

HB10-SM-QP-M20

1 x M20

10 11 010 0644

HB10-SM-QP-2M20

Plastic cover

1 x M20

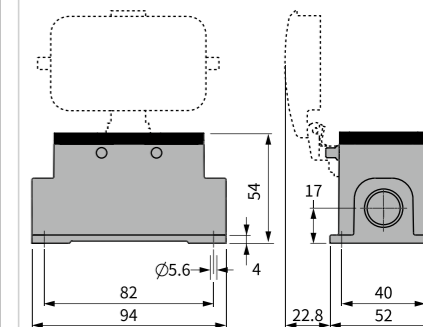
10 11 010 0641

HB10-SM-PC-QP-M20

2 x M20

10 11 010 0642

HB10-SM-PC-QP-2M20



Surface mounted housings,  
high construction



No cover

10 11 010 1640

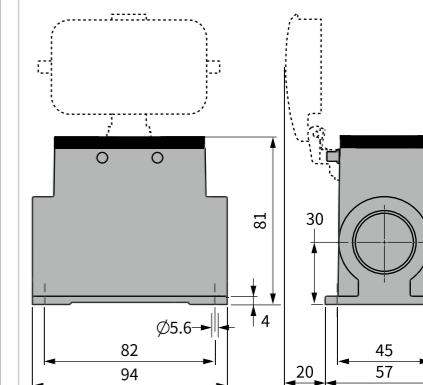
HB10-HSM-QP-2M25

Plastic cover

2 x M25

10 11 010 1642

HB10-HSM-PC-QP-2M25


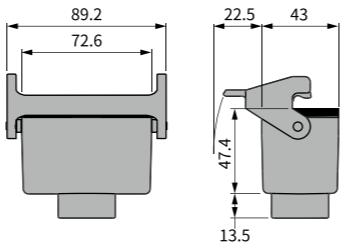

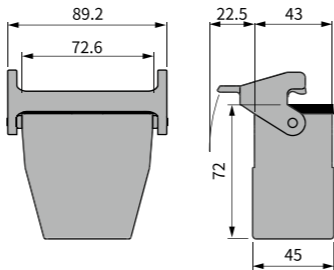



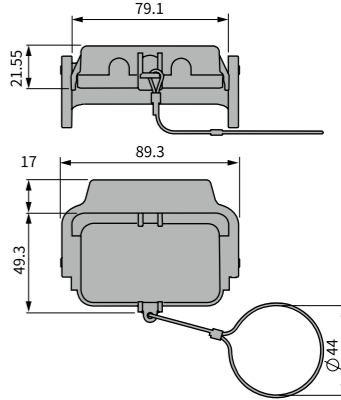

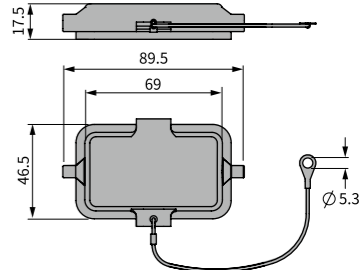


General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M20	10 11 010 0001	HB10-TE-DR-M20	
	1 x M25	10 11 010 0002	HB10-TE-DR-M25	
Hood, side entry low construction	1 x M20	10 11 010 0101	HB10-SE-DR-M20	
	1 x M25	10 11 010 0102	HB10-SE-DR-M25	
Hood, high construction	Top entry			
	1 x M25	10 11 010 1002	HB10-HTE-DR-M25	
	1 x M32	10 11 010 1003	HB10-HTE-DR-M32	
	1 x M40	10 11 010 1004	HB10-HTE-DR-M40	
	2 x M20	10 11 010 1001	HB10-HTE-DR-2M20	
	Side entry			
1 x M25	10 11 010 1102	HB10-HSE-DR-M25		
1 x M32	10 11 010 1103	HB10-HSE-DR-M32		
No entry	10 11 010 1300	HB10-HNE-DR		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings	No cover	10 11 010 0510	HB10-BM-SL	
	Plastic cover	10 11 010 0550	HB10-BM-PC-SL	
	Metal cover	10 11 010 0551	HB10-BM-MC-SL	
Surface mounted housings, low construction	No cover			
	1 x M20	10 11 010 0611	HB10-SM-SL-M20	
	2 x M20	10 11 010 0612	HB10-SM-SL-2M20	
	Plastic cover			
	1 x M20	10 11 010 0651	HB10-SM-PC-SL-M20	
	2 x M20	10 11 010 0652	HB10-SM-PC-SL-2M20	
Metal cover				
2 x M20	10 11 010 0653	HB10-SM-MC-SL-2M20		
Surface mounted housings, high construction	No cover			
	2 x M25	10 11 010 1612	HB10-HSM-SL-2M25	
	2 x M32	10 11 010 1613	HB10-HSM-SL-2M32	
	Plastic cover			
	2 x M25	10 11 010 1652	HB10-HSM-PC-SL-2M25	
	2 x M32	10 11 010 1653	HB10-HSM-PC-SL-2M32	
	Metal cover			
	2 x M25	10 11 010 1654	HB10-HSM-MC-SL-2M25	
	2 x M32	10 11 010 1651	HB10-HSM-MC-SL-2M32	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<p>Cable to cable housings, low construction</p> 	1 x M20	10 11 010 0411	HB10-CTC-SL-M20	
<p>Cable to cable housings, high construction</p> 	1 x M25 1 x M32	10 11 010 1412 10 11 010 1413	HB10-HCTC-SL-M25 HB10-HCTC-SL-M32	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<p>Cover, metal, for hoods, with fixing cord</p> 		10 11 010 0811	HB10-MC/C-SL-O	
<p>Cover, thermoplastic, for bulkhead mounted, for surface mounted with fixing cord</p> 		10 11 010 0801	HB10-PC/B-DB-T	



General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, high construction	Side entry			
	1 x M25	10 11 010 1132	HB10-HSE-CL/S-M25	
	1 x M32	10 11 010 1133	HB10-HSE-CL/S-M32	
Bulkhead mounted housings		10 11 010 0530	HB10-BM-CR	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)

Double locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

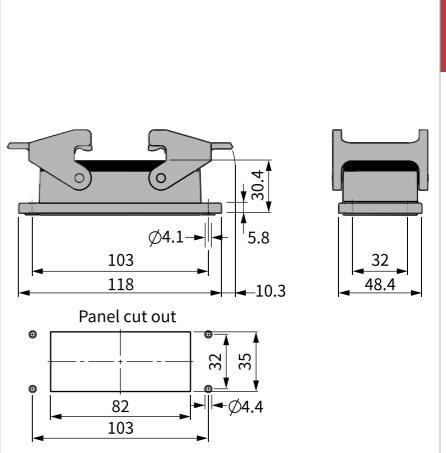
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M25	10 11 016 0042	HB16-TE-QB-M25	
	1 x M32	10 11 016 0043	HB16-TE-QB-M32	
Hood, side entry low construction	1 x M25	10 11 016 0142	HB16-SE-QB-M25	
	1 x M32	10 11 016 0143	HB16-SE-QB-M32	
Hood, high construction	Top entry			
	1 x M32	10 11 016 1043	HB16-HTE-QB-M32	
	1 x M40	10 11 016 1044	HB16-HTE-QB-M40	
	2 x M25	10 11 016 1042	HB16-HTE-QB-2M25	
	Side entry			
	1 x M32	10 11 016 1143	HB16-HSE-QB-M32	
	1 x M40	10 11 016 1144	HB16-HSE-QB-M40	
Angled entry				
2 x M25	10 11 016 1242	HB16-HAE-QB-2M25		
No entry	10 11 016 1340	HB16-HNE-QB		

Identification

Bulkhead mounted housings

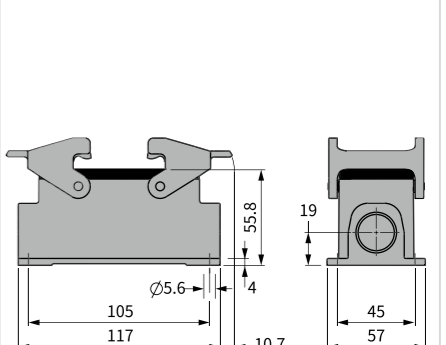
Cable entry	Part No.	Type Name
	10 11 016 0520	HB16-BM-DL

Dimensions (in mm)



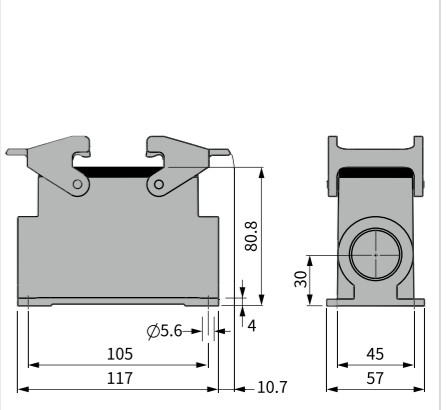
Surface mounted housings, low construction

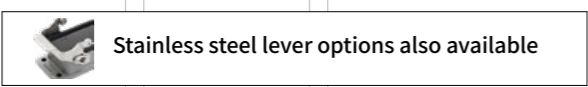
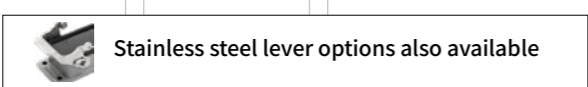
1 x M25	10 11 016 0622	HB16-SM-DL-M25
2 x M25	10 11 016 0621	HB16-SM-DL-2M25



Surface mounted housings, high construction

1 x M32	10 11 016 1623	HB16-HSM-DL-M32
2 x M25	10 11 016 1622	HB16-HSM-DL-2M25
2 x M32	10 11 016 1625	HB16-HSM-DL-2M32
2 x M40	10 11 016 1624	HB16-HSM-DL-2M40



Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cable to cable housings, low construction	1 x M25	10 11 016 0422	HB16-CTC-DL-M25	
	1 x M32	10 11 016 0423	HB16-CTC-DL-M32	
				
Cable to cable housings, high construction	1 x M25	10 11 016 1422	HB16-HCTC-DL-M25	
	1 x M32	10 11 016 1423	HB16-HCTC-DL-M32	
				

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cover, metal, for hoods, with fixing cord		10 11 016 0820	HB16-MC/C-DL-O	
Cover, metal, for surface mounted, for cable to cable, with fixing cord		10 11 016 0841	HB16-MC/B-QP-O	
Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord		10 11 016 0842	HB16-MC/B-QP-T	
Cover, thermoplastic, for bulkhead mounted, for surface mounted, with fixing cord		10 11 016 0830	HB16-PC/B-QB-T/S	
Cover, thermoplastic, for bulkhead mounted, for surface mounted		10 11 016 0800	HB16-PC/B-QB	

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)



Reversed Double locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)

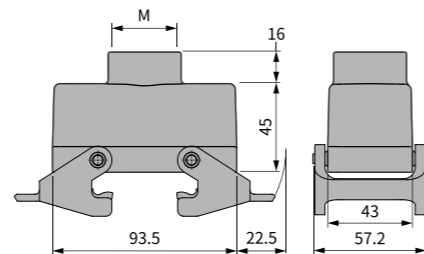
Hood, top entry  
low construction



1 x M25  
1 x M32

10 11 016 0022  
10 11 016 0023

HB16-TE-DL-M25  
HB16-TE-DL-M32



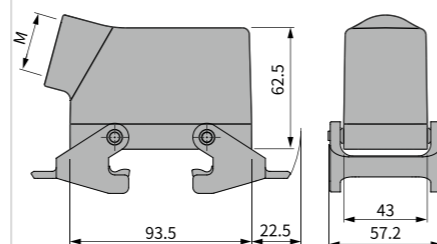
Hood, side entry  
low construction



1 x M25

10 11 016 0122

HB16-SE-DL-M25



Hood,  
high construction

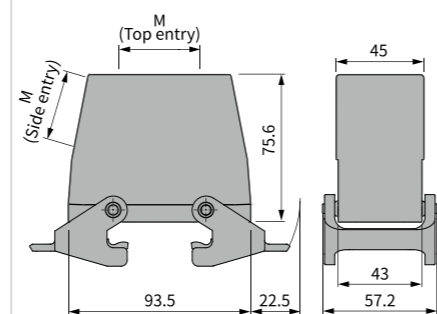


Top entry

1 x M32  
1 x M40

10 11 016 1023  
10 11 016 1024

HB16-HTE-DL-M32  
HB16-HTE-DL-M40



Side entry

1 x M32  
1 x M40

10 11 016 1123  
10 11 016 1124

HB16-HSE-DL-M32  
HB16-HSE-DL-M40

Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)

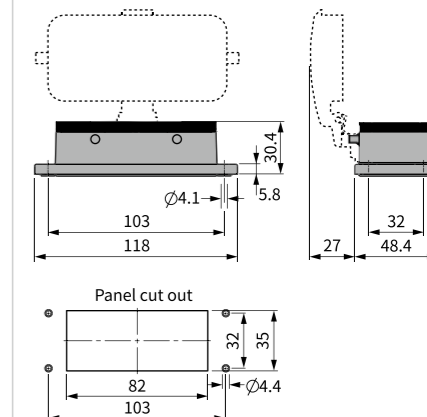
Bulkhead mounted housings



No cover  
Plastic cover  
Metal cover

10 11 016 0543  
10 11 016 0540  
10 11 016 0541

HB16-BM-QP  
HB16-BM-PC-QP  
HB16-BM-MC-QP



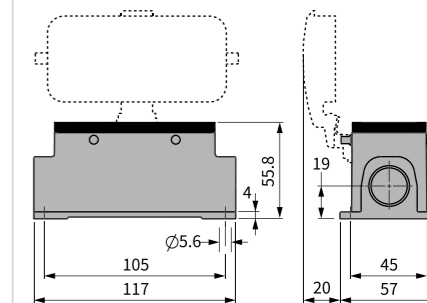
Surface mounted housings,  
low construction



No cover  
1 x M25  
2 x M25  
Plastic cover  
1 x M25  
2 x M25

10 11 016 0640  
10 11 016 0644  
10 11 016 0642  
10 11 016 0643

HB16-SM-QP-M25  
HB16-SM-QP-2M25  
HB16-SM-PC-QP-M25  
HB16-SM-PC-QP-2M25



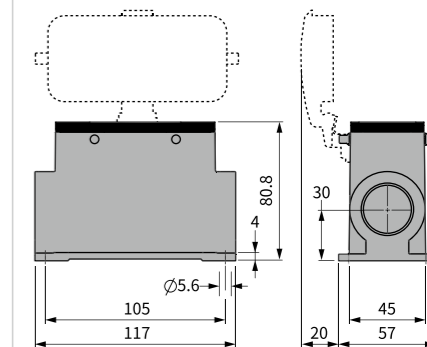
Surface mounted housings,  
high construction



No cover  
2 x M32  
Plastic cover  
2 x M32

10 11 016 1640  
10 11 016 1643

HB16-HSM-QP-2M32  
HB16-HSM-PC-QP-2M32


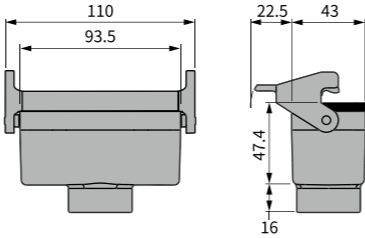

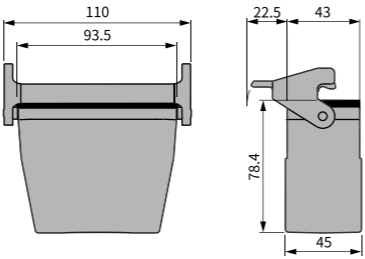



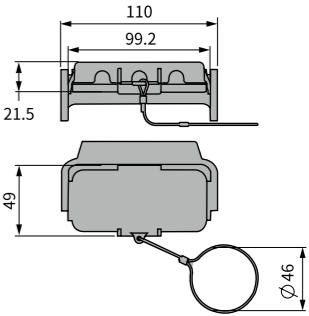


General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M25	10 11 016 0002	HB16-TE-DR-M25	
	1 x M32	10 11 016 0003	HB16-TE-DR-M32	
Hood, side entry low construction	1 x M25	10 11 016 0102	HB16-SE-DR-M25	
	1 x M32	10 11 016 0103	HB16-SE-DR-M32	
Hood, high construction	Top entry			
	1 x M32	10 11 016 1003	HB16-HTE-DR-M32	
	1 x M40	10 11 016 1004	HB16-HTE-DR-M40	
	Side entry			
	1 x M32	10 11 016 1103	HB16-HSE-DR-M32	
	1 x M40	10 11 016 1104	HB16-HSE-DR-M40	
No entry	10 11 016 1300	HB16-HNE-DR		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings	No cover	10 11 016 0510	HB16-BM-SL	
	Plastic cover	10 11 016 0550	HB16-BM-PC-SL	
	Metal cover	10 11 016 0551	HB16-BM-MC-SL	
Surface mounted housings, low construction	No cover			
	1 x M25	10 11 016 0612	HB16-SM-SL-M25	
	2 x M25	10 11 016 0613	HB16-SM-SL-2M25	
	Plastic cover			
	1 x M25	10 11 016 0652	HB16-SM-PC-SL-M25	
	2 x M25	10 11 016 0653	HB16-SM-PC-SL-2M25	
Surface mounted housings, high construction	Metal cover			
	2 x M25	10 11 016 0654	HB16-SM-MC-SL-2M25	
	No cover			
	1 x M32	10 11 016 1613	HB16-HSM-SL-M32	
	2 x M25	10 11 016 1612	HB16-HSM-SL-2M25	
	2 x M32	10 11 016 1614	HB16-HSM-SL-2M32	
Surface mounted housings, high construction	Plastic cover			
	2 x M32	10 11 016 1653	HB16-HSM-PC-SL-2M32	
	Metal cover			
	2 x M32	10 11 016 1654	HB16-HSM-MC-SL-2M32	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<p>Cable to cable housings, low construction</p> 	<p>1 x M25</p> <p>1 x M32</p>	<p>10 11 016 0412</p> <p>10 11 016 0413</p>	<p>HB16-CTC-SL-M25</p> <p>HB16-CTC-SL-M32</p>	
<p>Cable to cable housings, high construction</p> 	<p>1 x M32</p>	<p>10 11 016 1413</p>	<p>HB16-HCTC-SL-M32</p>	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<p>Cover, metal, for hoods, with fixing cord</p> 		<p>10 11 016 0811</p>	<p>HB16-MC/C-SL-O</p>	



General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, high construction	Top entry			
	1 x M25	10 11 016 1032	HB16-HTE-CL/S-M25	
	1 x M32	10 11 016 1033	HB16-HTE-CL/S-M32	
	Side entry			
	1 x M25	10 11 016 1132	HB16-HSE-CL/S-M25	
	1 x M32	10 11 016 1133	HB16-HSE-CL/S-M32	
Bulkhead mounted housings		10 11 016 0530	HB16-BM-CR	
Surface mounted housings, high construction	2 x M32	10 11 016 1633	HB16-HSM-CR-2M32	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)


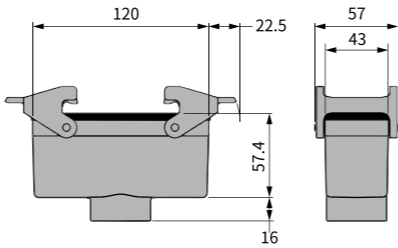


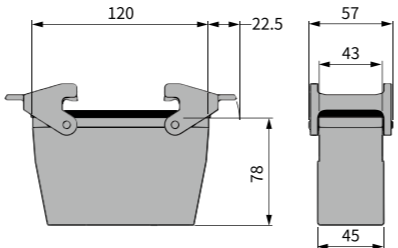



General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant


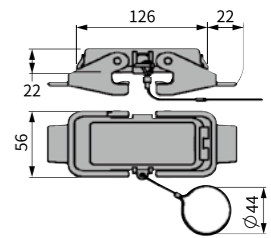

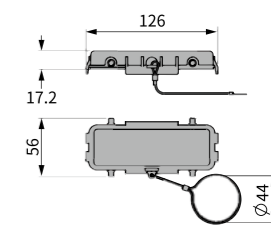

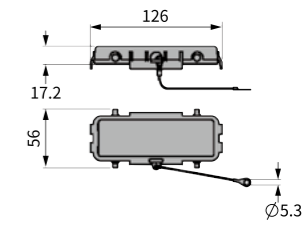

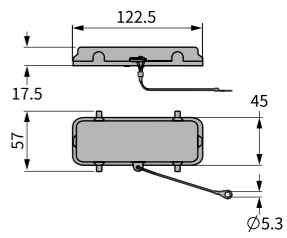

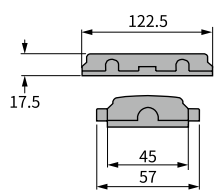
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M32	10 11 024 0043	HB24-TE-QB-M32	
Hood, side entry low construction	1 x M25	10 11 024 0142	HB24-SE-QB-M25	
	1 x M32	10 11 024 0143	HB24-SE-QB-M32	
Hood, high construction	Top entry			
	1 x M32	10 11 024 1043	HB24-HTE-QB-M32	
	1 x M40	10 11 024 1044	HB24-HTE-QB-M40	
	2 x M25	10 11 024 1041	HB24-HTE-QB-2M25	
	2 x M32	10 11 024 1042	HB24-HTE-QB-2M32	
	Side entry			
1 x M32	10 11 024 1143	HB24-HSE-QB-M32		
1 x M40	10 11 024 1144	HB24-HSE-QB-M40		
Angled entry				
2 x M25	10 11 024 1242	HB24-HAE-QB-2M25		
No entry		10 11 024 1340	HB24-HNE-QB	

Identification	Cable entry	Part No.	Type Name
Bulkhead mounted housings		10 11 024 0520	HB24-BM-DL
Surface mounted housings, low construction	1 x M25	10 11 024 0622	HB24-SM-DL-M25
	2 x M25	10 11 024 0621	HB24-SM-DL-2M25
Surface mounted housings, high construction	1 x M32	10 11 024 1623	HB24-HSM-DL-M32
	2 x M32	10 11 024 1621	HB24-HSM-DL-2M32
	2 x M40	10 11 024 1624	HB24-HSM-DL-2M40


Dimensions (in mm)

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<p>Cable to cable housings, low construction</p> 	1 x M32	10 11 024 0423	HB24-CTC-DL-M32	
 <p>Stainless steel lever options also available</p>				
<p>Cable to cable housings, high construction</p> 	1 x M32 1 x M40	10 11 024 1423 10 11 024 1424	HB24-HCTC-DL-M32 HB24-HCTC-DL-M40	
 <p>Stainless steel lever options also available</p>				

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<p>Cover, metal, for hoods, with fixing cord</p> 		10 11 024 0820	HB24-MC/C-DL-O	
<p>Cover, metal, for surface mounted, for cable to cable, with fixing cord</p> 		10 11 024 0841	HB24-MC/B-QP-O	
<p>Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord</p> 		10 11 024 0842	HB24-MC/B-QP-T	
<p>Cover, thermoplastic, for bulkhead mounted, for surface mounted, with fixing cord</p> 		10 11 024 0830	HB24-PC/B-QB-T/S	
<p>Cover, thermoplastic, for bulkhead mounted, for surface mounted</p> 		10 11 024 0800	HB24-PC/B-QB	

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)

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General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

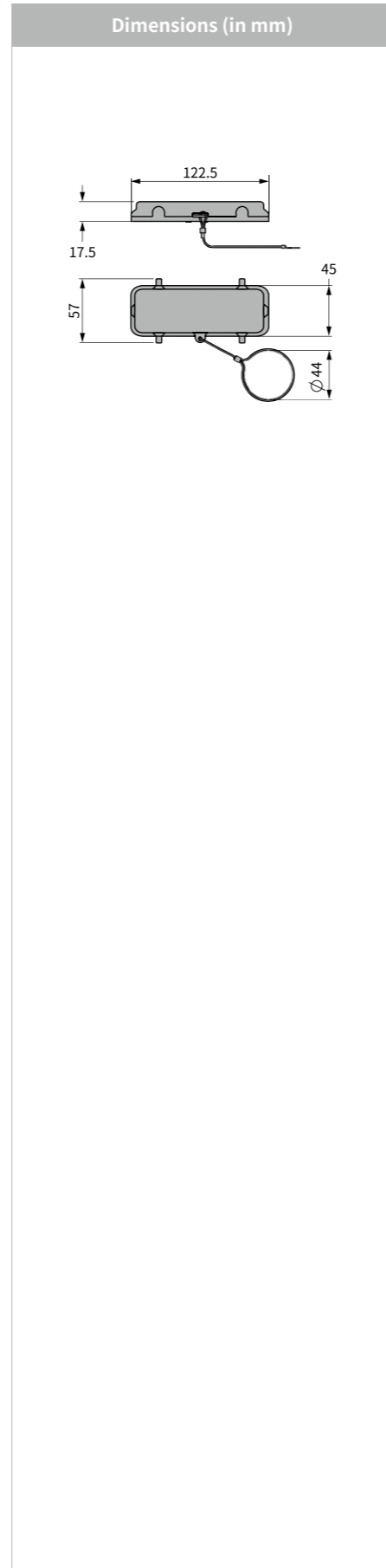
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M32	10 11 024 0023	HB24-TE-DL-M32	
Hood, side entry low construction	1 x M25	10 11 024 0122	HB24-SE-DL-M25	
Hood, high construction	Top entry			
	1 x M32	10 11 024 1023	HB24-HTE-DL-M32	
	1 x M40	10 11 024 1024	HB24-HTE-DL-M40	
	Side entry			
1 x M32	10 11 024 1123	HB24-HSE-DL-M32		
	1 x M40	10 11 024 1124	HB24-HSE-DL-M40	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings	No cover	10 11 024 0543	HB24-BM-QP	
	Plastic cover	10 11 024 0540	HB24-BM-PC-QP	
	Metal cover	10 11 024 0541	HB24-BM-MC-QP	
Surface mounted housings, low construction	No cover			
	1 x M25	10 11 024 0640	HB24-SM-QP-M25	
	2 x M25	10 11 024 0643	HB24-SM-QP-2M25	
	Plastic cover			
	1 x M25	10 11 024 0642	HB24-SM-PC-QP-M25	
	2 x M25	10 11 024 0641	HB24-SM-PC-QP-2M25	
Surface mounted housings, high construction	No cover			
	2 x M32	10 11 024 1640	HB24-HSM-QP-2M32	
	Plastic cover			
	2 x M32	10 11 024 1643	HB24-HSM-PC-QP-2M32	

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Identification	Cable entry	Part No.	Type Name
Cover, metal, for hoods, with fixing cord  		10 11 024 0840	HB24-MC/C-QP-O



Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)

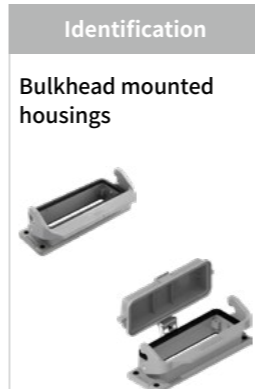
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B



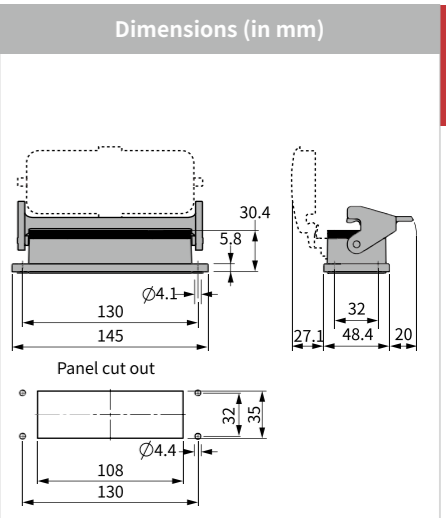


General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

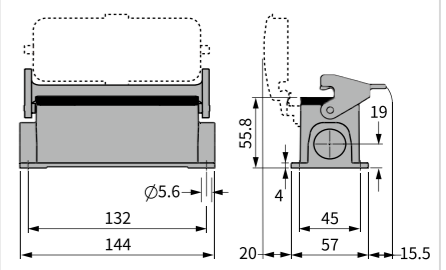
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M32	10 11 024 0003	HB24-TE-DR-M32	
Hood, side entry low construction	1 x M25	10 11 024 0102	HB24-SE-DR-M25	
	1 x M32	10 11 024 0103	HB24-SE-DR-M32	
Hood, high construction	Top entry			
	1 x M32	10 11 024 1003	HB24-HTE-DR-M32	
	1 x M40	10 11 024 1004	HB24-HTE-DR-M40	
	2 x M25	10 11 024 1002	HB24-HTE-DR-2M25	
	2 x M32	10 11 024 1001	HB24-HTE-DR-2M32	
Side entry	1 x M32	10 11 024 1103	HB24-HSE-DR-M32	
	1 x M40	10 11 024 1104	HB24-HSE-DR-M40	
No entry		10 11 024 1300	HB24-HNE-DR	



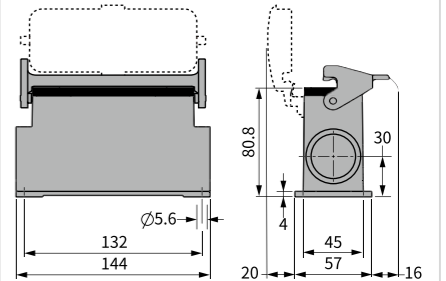
Identification	Cable entry	Part No.	Type Name
Bulkhead mounted housings	No cover	10 11 024 0510	HB24-BM-SL
	Plastic cover	10 11 024 0550	HB24-BM-PC-SL
	Metal cover	10 11 024 0551	HB24-BM-MC-SL




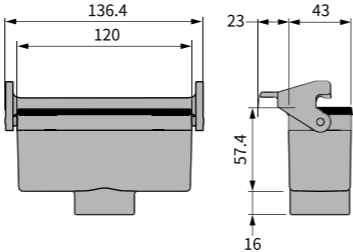

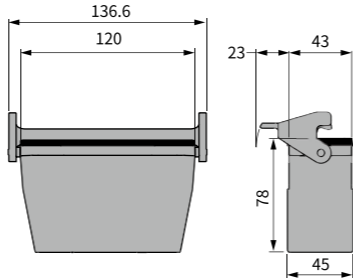
Identification	Cable entry	Part No.	Type Name
Surface mounted housings, low construction	No cover		
	1 x M25	10 11 024 0612	HB24-SM-SL-M25
	2 x M25	10 11 024 0613	HB24-SM-SL-2M25
	Plastic cover		
	1 x M25	10 11 024 0652	HB24-SM-PC-SL-M25
	2 x M25	10 11 024 0651	HB24-SM-PC-SL-2M25
Metal cover			
	2 x M25	10 11 024 0653	HB24-SM-MC-SL-2M25



Identification	Cable entry	Part No.	Type Name
Surface mounted housings, high construction	No cover		
	2 x M32	10 11 024 1613	HB24-HSM-SL-2M32
	Plastic cover		
	2 x M32	10 11 024 1651	HB24-HSM-PC-SL-2M32
	Metal cover		
	2 x M32	10 11 024 1653	HB24-HSM-MC-SL-2M32


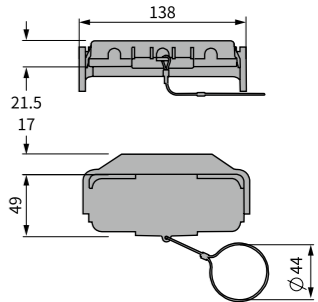

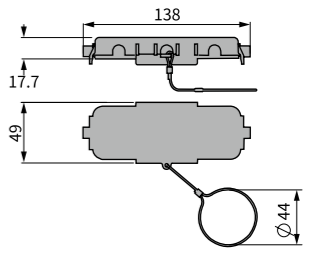


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Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cable to cable housings, low construction 	1 x M32	10 11 024 0413	HB24-CTC-SL-M32	
Cable to cable housings, high construction 	1 x M32	10 11 024 1413	HB24-HCTC-SL-M32	

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)

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Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cover, metal, for hoods, with fixing cord 		10 11 024 0811	HB24-MC/C-SL-O	
Cover, metal, for surface mounted, for cable to cable, with fixing cord 		10 11 024 0801	HB24-MC/B-DR-O	

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)

Central locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

Cable entry

Part No.

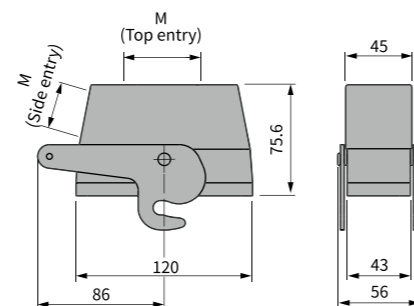
Type Name

Dimensions (in mm)

Hood, high construction



Top entry	1 x M32	10 11 024 1033	HB24-HTE-CL/S-M32
Side entry	1 x M25	10 11 024 1132	HB24-HSE-CL/S-M25
	1 x M32	10 11 024 1133	HB24-HSE-CL/S-M32
	1 x M40	10 11 024 1134	HB24-HSE-CL/S-M40

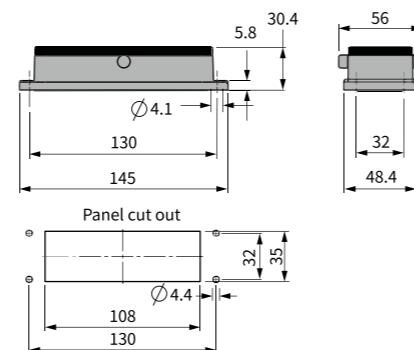


Bulkhead mounted housings



10 11 024 0530

HB24-BM-CR



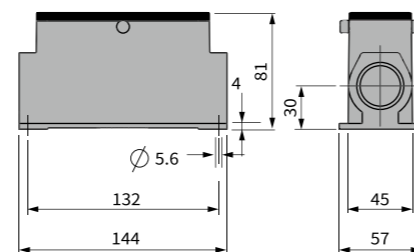
Surface mounted housings, high construction



2 x M32

10 11 024 1633

HB24-HSM-CR-2M32



Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)

Double locking



General technical data


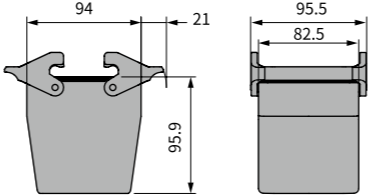
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP65
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Color(locking)	RAL 7037(dust grey)
Material flammability class acc. to UL94	V-0
RoHS	Compliant


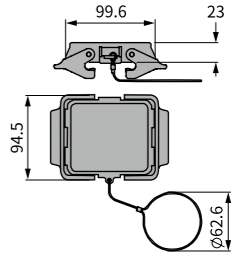

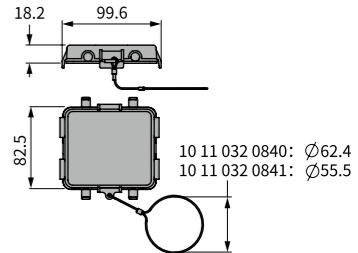

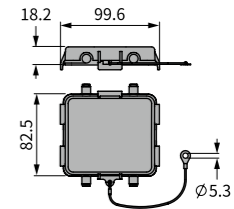

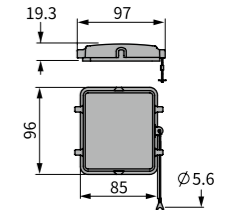

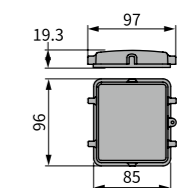
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
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Hood, high construction  	Top entry			
	1 x M32	10 11 032 1043	HB32-HTE-QR-M32	
	1 x M40	10 11 032 1044	HB32-HTE-QR-M40	
	1 x M50	10 11 032 1045	HB32-HTE-QR-M50	
	Side entry			
	1 x M32	10 11 032 1143	HB32-HSE-QR-M32	
	1 x M40	10 11 032 1144	HB32-HSE-QR-M40	
1 x M50	10 11 032 1145	HB32-HSE-QR-M50		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
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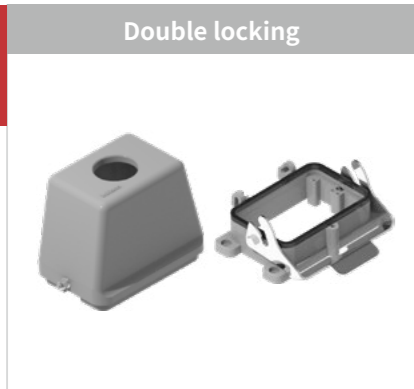
Bulkhead mounted housings  		10 11 032 0520	HB32-BM-DL	
Surface mounted housings, high construction  	1 x M32 2 x M32 2 x M40	10 11 032 1623 10 11 032 1625 10 11 032 1624	HB32-HSM-DL-M32 HB32-HSM-DL-2M32 HB32-HSM-DL-2M40	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cable to cable housings, high construction 	1 x M40	10 11 032 1424	HB32-HCTC-DL-M40	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cover, metal, for hoods, with fixing cord 		10 11 032 0820	HB32-MC/C-DL-O	
Cover, metal, for surface mounted, for cable to cable, with fixing cord 		10 11 032 0840	HB32-MC/B-QR-O	
		10 11 032 0841	HB32-MC/B-QR-O2	
Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord 		10 11 032 0842	HB32-MC/B-QR-T	
Cover, thermoplastic, for bulkhead mounted, for surface mounted, with fixing cord 		10 11 032 0831	HB32-PC/B-QB-T	
Cover, thermoplastic, for bulkhead mounted, for surface mounted 		10 11 032 0800	HB32-PC/B-QB	

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Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)



General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP65
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL7037(dust grey)
Material(housing seal)	NBR
Material(locking)	Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<b>Hood, high construction</b> 	Top entry			
	1 x M40	10 11 048 1004	HB48-HTE-DR-M40	
	1 x M50	10 11 048 1005	HB48-HTE-DR-M50	
	1 x M63	10 11 048 1006	HB48-HTE-DR-M63	
	Side entry			
	1 x M40	10 11 048 1104	HB48-HSE-DR-M40	
	1 x M50	10 11 048 1105	HB48-HSE-DR-M50	
	Top+Side entry			
	1 x M50+M50	10 11 048 1205	HB48-HT/SE-DR-2M50	


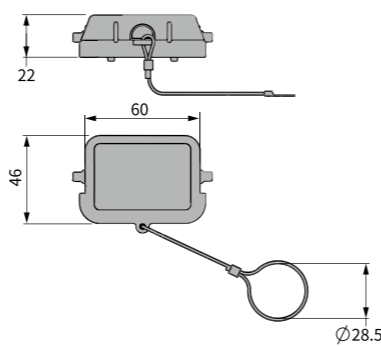

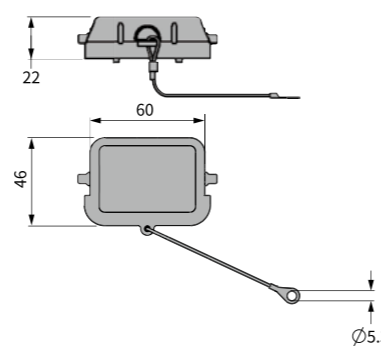
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
<b>Bulkhead mounted housings</b> 	No cover	10 11 048 0510	HB48-BM-SL/S	
	Plastic cover	10 11 048 0550	HB48-BM-PC-SL/S	
	Metal cover	10 11 048 0551	HB48-BM-MC-SL/S	
<b>Surface mounted housings, high construction</b> 	No cover			
	2 x M32	10 11 048 1613	HB48-HSM-SL/S-2M32	
	2 x M40	10 11 048 1614	HB48-HSM-SL/S-2M40	
	Plastic cover			
	2 x M40	10 11 048 1652	HB48-HSM-PC-SL/S-2M40	
	Metal cover			
	2 x M40	10 11 048 1655	HB48-HSM-MC-SL/S-2M40	



General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL9005(jet black)
Material(housing seal)	FPM
Material(locking)	Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M20	10 12 006 0001	HMB06-TE-DP-M20	
Hood, side entry low construction	1 x M20	10 12 006 0101	HMB06-SE-DP-M20	
Hood, high construction	Top entry			
	1 x M20	10 12 006 1001	HMB06-HTE-DP-M20	
	1 x M25	10 12 006 1002	HMB06-HTE-DP-M25	
	1 x M32	10 12 006 1003	HMB06-HTE-DP-M32	
	Side entry			
1 x M20	10 12 006 1101	HMB06-HSE-DP-M20		
1 x M25	10 12 006 1102	HMB06-HSE-DP-M25		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings	No cover Metal cover	10 12 006 0510 10 12 006 0550	HMB06-BM-SL/S HMB06-BM-MC-SL/S	
Surface mounted housings, low construction	2 x M20	10 12 006 0611	HMB06-SM-SL/S-2M20	
Surface mounted housings, high construction	Plastic cover 2 x M25	10 12 006 1652	HMB06-HSM-PC-SL/S-2M25	

Sare® B	Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
	Cover, metal, for cable to cable, with fixing cord  		10 12 006 0800	HMB06-MC/B-DP-O	
	Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord  		10 12 006 0801	HMB06-MC/B-DP-T	

Sare® B	Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)




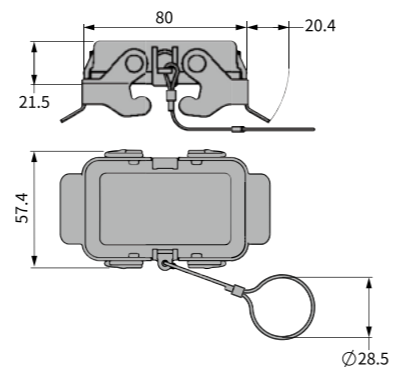

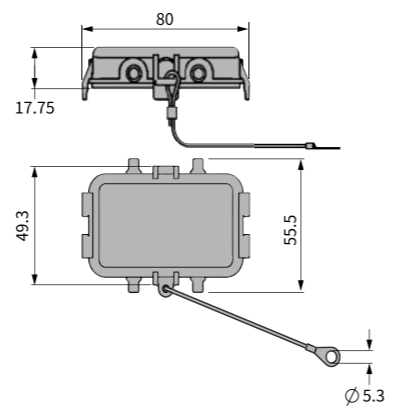


General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL9005(jet black)
Material(housing seal)	FPM
Material(locking)	Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M20	10 12 010 0041	HMB10-TE-QP-M20	
Hood, side entry low construction	1 x M20	10 12 010 0141	HMB10-SE-QP-M20	
Hood, high construction	Top entry			
	1 x M25	10 12 010 1042	HMB10-HTE-QP-M25	
	1 x M32	10 12 010 1043	HMB10-HTE-QP-M32	
	2 x M20	10 12 010 1041	HMB10-HTE-QP-2M20	
	Side entry			
1 x M25	10 12 010 1142	HMB10-HSE-QP-M25		
1 x M32	10 12 010 1143	HMB10-HSE-QP-M32		
1 x M40	10 12 010 1144	HMB10-HSE-QP-M40		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings		10 12 010 0520	HMB10-BM-DL/S	
Surface mounted housings, low construction	2 x M20	10 12 010 0621	HMB10-SM-DL/S-2M20	
Surface mounted housings, high construction	2 x M25	10 12 010 1623	HMB10-HSM-DL/S-2M32	

Sare®  
B

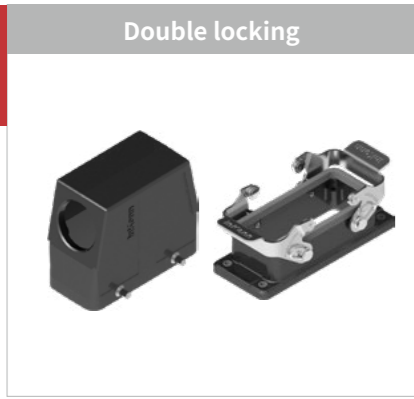
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cover, metal, for hoods, with fixing cord  		10 12 010 0820	HMB10-MC/C-DL/S-O	
Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord  		10 12 010 0840	HMB10-MC/B-QP-T	

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Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)

Sare®  
B

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)


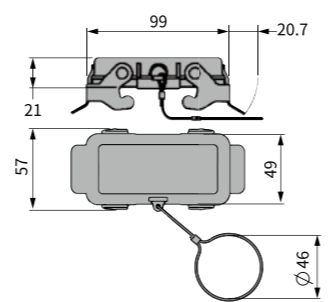

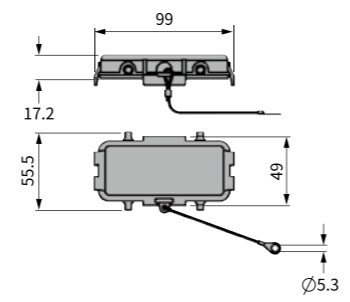


General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL9005(jet black)
Material(housing seal)	FPM
Material(locking)	Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M25	10 12 016 0042	HMB16-TE-QP-M25	
Hood, side entry low construction	1 x M25	10 12 016 0142	HMB16-SE-QP-M25	
Hood, high construction	Top entry			
	1 x M32	10 12 016 1043	HMB16-HTE-QP-M32	
	Side entry			
1 x M32	10 12 016 1143	HMB16-HSE-QP-M32		
1 x M40	10 12 016 1144	HMB16-HSE-QP-M40		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings		10 12 016 0520	HMB16-BM-DL/S	
Surface mounted housings, low construction	1 x M25	10 12 016 0622	HMB16-SM-DL/S-M25	
Surface mounted housings, high construction	2 x M32	10 12 016 1623	HMB16-HSM-DL/S-2M32	
	2 x M40	10 12 016 1624	HMB16-HSM-DL/S-2M40	

Sare®  
B

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cover, metal, for hoods, with fixing cord  		10 12 016 0820	HMB16-MC/C-DL/S-O	
Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord  		10 12 016 0840	HMB16-MC/B-QP-T	

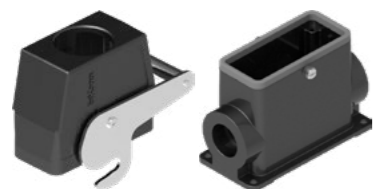
Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)

Sare®  
B

Central locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL9005(jet black)
Material(housing seal)	FPM
Material(locking)	Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)

Hood,  
high construction



Top entry

1 x M32

10 12 016 1033

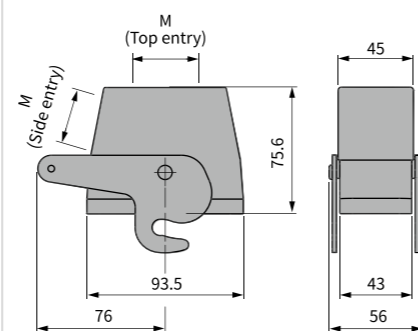
HMB16-HTE-CL/S-M32

Side entry

1 x M32

10 12 016 1133

HMB16-HSE-CL/S-M32



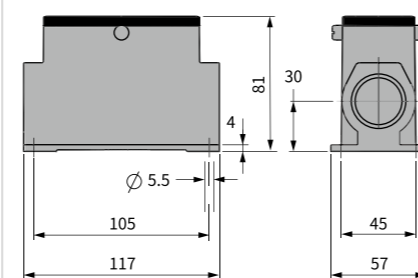
Surface mounted  
housings,  
high construction



2 x M32

10 12 016 1633

HMB16-HSM-CR-2M32



Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)

Double locking




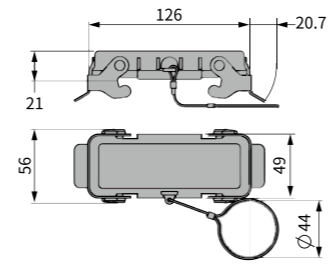

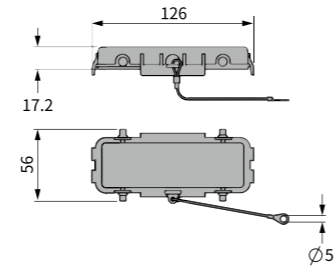
General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL9005(jet black)
Material(housing seal)	FPM
Material(locking)	Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M25	10 12 024 0042	HMB24-TE-QP-M25	
Hood, side entry low construction	1 x M25	10 12 024 0142	HMB24-SE-QP-M25	
Hood, high construction	Top entry			
	1 x M32	10 12 024 1043	HMB24-HTE-QP-M32	
	1 x M40	10 12 024 1044	HMB24-HTE-QP-M40	
	2 x M25	10 12 024 1042	HMB24-HTE-QP-2M25	
	2 x M32	10 12 024 1041	HMB24-HTE-QP-2M32	
	Side entry			
1 x M32	10 12 024 1143	HMB24-HSE-QP-M32		
1 x M40	10 12 024 1144	HMB24-HSE-QP-M40		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings		10 12 024 0520	HMB24-BM-DL/S	
Surface mounted housings, high construction	2 x M32	10 12 024 1623	HMB24-HSM-DL/S-2M32	
Cable to cable housings, high construction	1 x M40	10 12 024 1424	HMB24-HCTC-DL/S-M40	

Sare®  
B

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Cover, metal, for hoods, with fixing cord  		10 12 024 0820	HMB24-MC/C-DL/S-O	
Cover, metal, for bulkhead mounted, for surface mounted, with fixing cord  		10 12 024 0840	HMB24-MC/B-QP-T	

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Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)

Pg articles also available - via [www.inkonn.com](http://www.inkonn.com)

Sare®  
B

Central locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL9005(jet black)
Material(housing seal)	FPM
Material(locking)	Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)

Hood,  
high construction



Top entry

1 x M32

10 12 024 1033

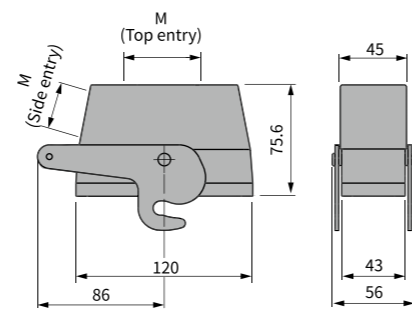
HMB24-HTE-CL/S-M32

Side entry

1 x M32

10 12 024 1133

HMB24-HSE-CL/S-M32



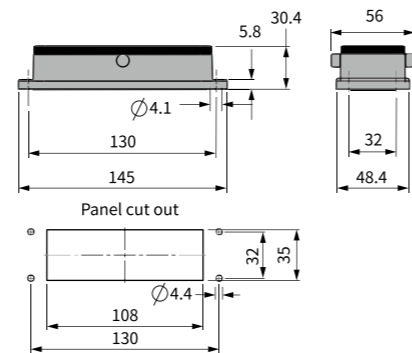
Bulkhead mounted  
housings



2 x M32

10 12 024 0530

HMB24-BM-CR



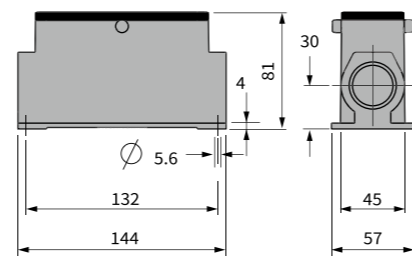
Surface mounted  
housings,  
high construction



2 x M32

10 12 024 1633

HMB24-HSM-CR-2M32



Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)



Single locking

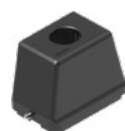


General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP65
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Color(housing)	RAL9005(jet black)
Material(housing seal)	FPM
Material(locking)	Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

Hood, high construction



Top entry

1 x M40

10 12 048 1004

HMB48-HTE-DR-M40

1 x M50

10 12 048 1005

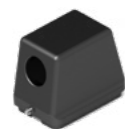
HMB48-HTE-DR-M50

4 x M25

10 12 048 1002

HMB48-HTE-DR-4M25

Side entry

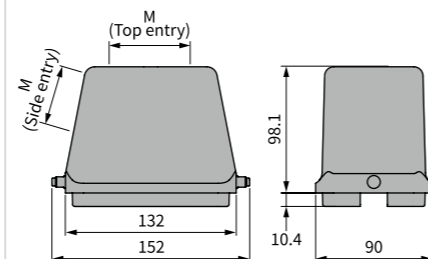


1 x M40

10 12 048 1104

HMB48-HSE-DR-M40

Dimensions (in mm)



Identification

Bulkhead mounted housings



Cable entry

Plastic cover

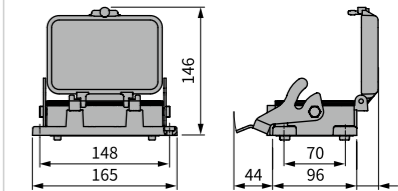
Part No.

10 12 048 0510

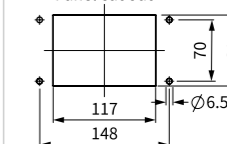
Type Name

HMB48-BM-PC-SL/S

Dimensions (in mm)




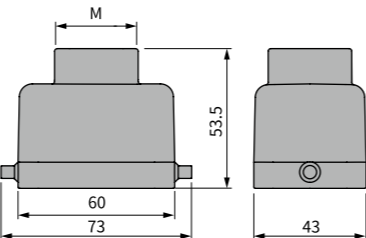

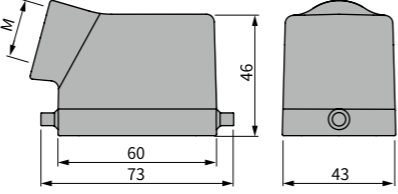



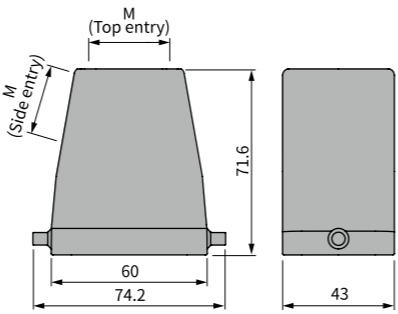
Panel cut out


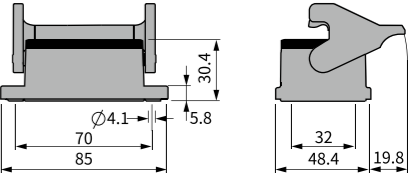
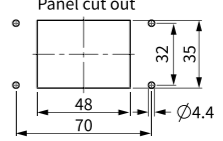
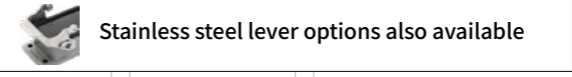

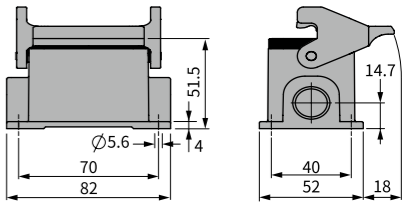

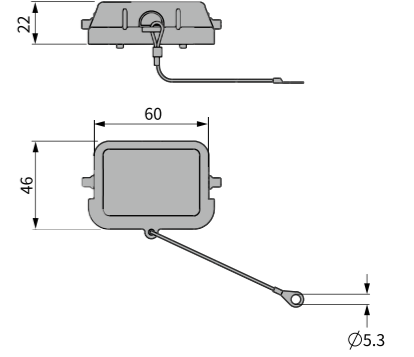


Single locking



General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Surface(housing)	Uncoated
Color(housing)	Unpainted
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction 	1 x M20	10 14 006 0001	HEMCB06-TE-DP-M20	
Hood, side entry low construction 	1 x M20	10 14 006 0101	HEMCB06-SE-DP-M20	
Hood, high construction   	Top entry			
	1 x M25	10 14 006 1002	HEMCB06-HTE-DP-M25	
	1 x M32	10 14 006 1003	HEMCB06-HTE-DP-M32	
	Side entry			
1 x M25	10 14 006 1102	HEMCB06-HSE-DP-M25		
1 x M32	10 14 006 1103	HEMCB06-HSE-DP-M32		
No entry	10 14 006 1300	HEMCB06-HNE-DP		

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings 		10 14 006 0510	HEMCB06-BM-SL	 
				
Surface mounted housings, low construction 	2 x M20	10 14 006 0611	HEMCB06-SM-SL-2M20	
Cover, metal, for Bulkhead mounted, for surface mounted, with fixing cord 		10 14 006 0801	HEMCB06-MC/B-DP-T	

Double locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Surface(housing)	Uncoated
Color(housing)	Unpainted
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

Cable entry

Part No.

Type Name

Dimensions (in mm)

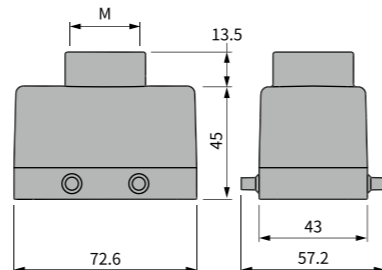
Hood, top entry  
low construction



1 x M20  
1 x M25

10 14 010 0041  
10 14 010 0042

HEMCB10-TE-QP-M20  
HEMCB10-TE-QP-M25



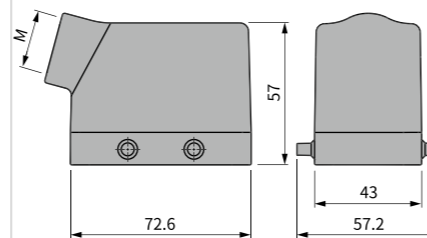
Hood, side entry  
low construction



1 x M20

10 14 010 0141

HEMCB10-SE-QP-M20



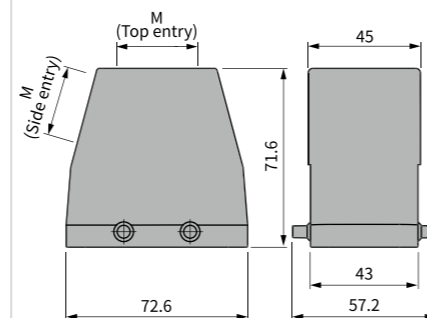
Hood,  
high construction



Top entry  
1 x M25  
1 x M32  
Side entry  
1 x M25  
1 x M32  
No entry

10 14 010 1042  
10 14 010 1043  
10 14 010 1142  
10 14 010 1143  
10 14 010 1340

HEMCB10-HTE-QP-M25  
HEMCB10-HTE-QP-M32  
HEMCB10-HSE-QP-M25  
HEMCB10-HSE-QP-M32  
HEMCB10-HNE-QP



Identification

Cable entry

Part No.

Type Name

Bulkhead mounted housings



10 14 010 0520

HEMCB10-BM-DL



Stainless steel lever options also available

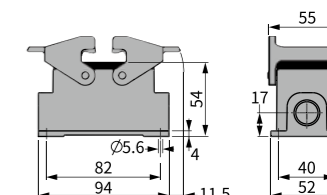
Surface mounted housings,  
low construction



2 x M25

10 14 010 0622

HEMCB10-SM-DL-2M25



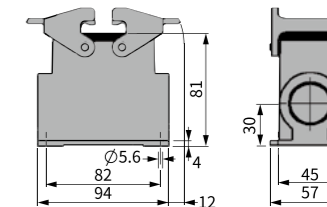
Surface mounted housings,  
high construction



2 x M32

10 14 010 1623

HEMCB10-HSM-DL-2M32



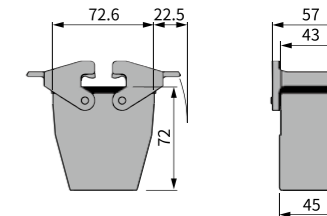
Cable to cable housings,  
high construction



2 x M25  
2 x M32

10 14 010 1422  
10 14 010 1423

HEMCB10-HCTC-DL-M25  
HEMCB10-HCTC-DL-M32

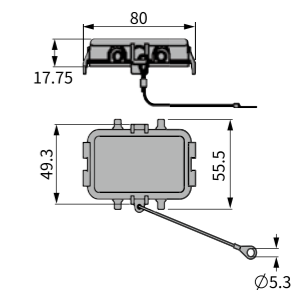


Cover, metal,  
for Bulkhead mounted,  
for surface mounted,  
with fixing cord



10 14 010 0842

HEMCB10-MC/B-QP-T



Single locking



General technical data

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Surface(housing)	Uncoated
Color(housing)	Unpainted
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification

Hood, high construction



Cable entry

- Top entry
- 1 x M25
- 1 x M32
- Side entry
- 1 x M25
- 1 x M32

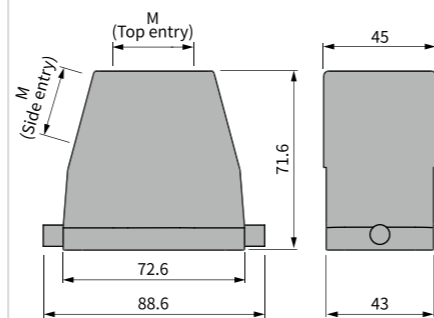
Part No.

- 10 14 010 1002
- 10 14 010 1003
- 10 14 010 1102
- 10 14 010 1103

Type Name

- HEMCB10-HTE-DR-M25
- HEMCB10-HTE-DR-M32
- HEMCB10-HSE-DR-M25
- HEMCB10-HSE-DR-M32

Dimensions (in mm)



Identification

Bulkhead mounted housings



Cable entry

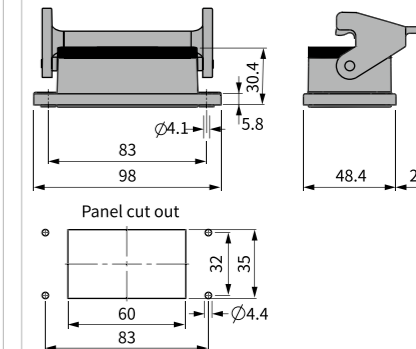
Part No.

10 14 010 0510

Type Name

HEMCB10-BM-SL

Dimensions (in mm)





General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Surface(housing)	Uncoated
Color(housing)	Unpainted
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M25	10 14 016 0042	HEMCB16-TE-QP-M25	
Hood, side entry low construction	1 x M25	10 14 016 0142	HEMCB16-SE-QP-M25	
Hood, high construction	Top entry			
	1 x M32	10 14 016 1043	HEMCB16-HTE-QP-M32	
	1 x M40	10 14 016 1044	HEMCB16-HTE-QP-M40	
	Side entry			
	1 x M32	10 14 016 1143	HEMCB16-HSE-QP-M32	
1 x M40	10 14 016 1144	HEMCB16-HSE-QP-M40		
No entry	10 14 016 1340	HEMCB16-HNE-QP		

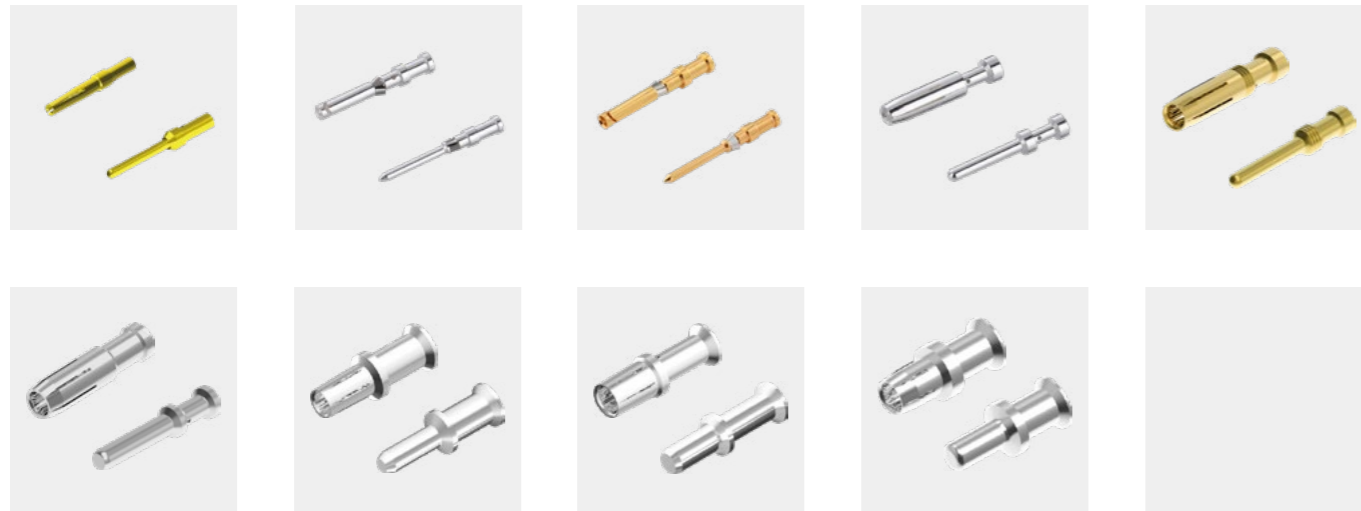
Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings		10 14 016 0520	HEMCB16-BM-DL	
Stainless steel lever options also available				
Surface mounted housings, low construction	2 x M25	10 14 016 0622	HEMCB16-SM-DL-2M25	
Surface mounted housings, high construction	2 x M40	10 14 016 1624	HEMCB16-HSM-DL-2M40	
Cover, metal, for Bulkhead mounted, for surface mounted, with fixing cord		10 14 016 0842	HEMCB16-MC/B-QP-T	



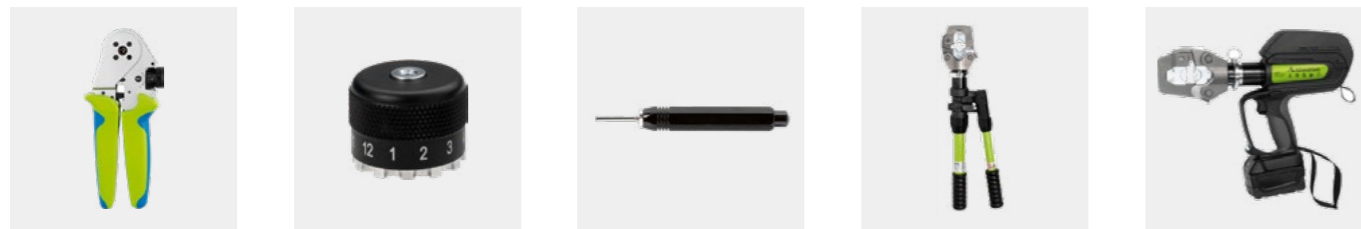
General technical data	
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC	IP67
Degree of protection acc. to NEMA 250	4, 4X, 12
Material(housing)	Aluminium die-cast
Surface(housing)	Uncoated
Color(housing)	Unpainted
Material(housing seal)	NBR
Material(locking)	Polycarbonate, Stainless steel
Material flammability class acc. to UL94	V-0
RoHS	Compliant

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Hood, top entry low construction	1 x M32	10 14 024 0043	HEMCB24-TE-QP-M32	
Hood, side entry low construction	1 x M25	10 14 024 0142	HEMCB24-SE-QP-M25	
Hood, high construction	Top entry			
	1 x M32	10 14 024 1043	HEMCB24-HTE-QP-M32	
	1 x M40	10 14 024 1044	HEMCB24-HTE-QP-M40	
	Side entry			
1 x M32	10 14 024 1143	HEMCB24-HSE-QP-M32		
	1 x M40	10 14 024 1144	HEMCB24-HSE-QP-M40	
	No entry	10 14 024 1340	HEMCB24-HNE-QP	

Identification	Cable entry	Part No.	Type Name	Dimensions (in mm)
Bulkhead mounted housings		10 14 024 0520	HEMCB24-BM-DL	
	Stainless steel lever options also available			
Surface mounted housings, low construction	2 x M25	10 14 024 0622	HEMCB24-SM-DL-2M25	
Surface mounted housings, high construction	2 x M40	10 14 024 1624	HEMCB24-HSM-DL-2M40	
Cover, metal, for Bulkhead mounted, for surface mounted, with fixing cord		10 14 024 0842	HEMCB24-MC/B-QP-T	



## Crimp contacts & Tools



### Contents

### Pages

Crimp type			Data	Signal	Power	
Csub-series		up to 5A	X			04-03
CD-series		up to 10A		X		04-05
CE-series		up to 16A			X	04-07
CC-series		up to 40A			X	04-09
C70-series		up to 70A			X	04-11
C100-series		up to 100A			X	04-13
C200-series		up to 200A			X	04-15

Technical characteristics		Details
Contact resistance	[mΩ] ≤ 10	The wire gauges refer to geometric wire gauges of cables
Operating current	[A] ≤ 5	
Material contacts	Copper alloy	Specifications
RoHS	Compliant with exemption	
RoHS exemption	6c: Copper alloy containing up to 4% lead by weight	Compliant: IEC 60664-1, IEC 61984



Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)												
Crimp contact, gold plated  	0.09 ... 0.25mm <sup>2</sup>	Female	10 40 000 7200	CSG-0.25-F	<table border="1"> <thead> <tr> <th>Conductor cross-section(mm<sup>2</sup>)</th> <th>∅</th> <th>Stripping length(mm)</th> </tr> </thead> <tbody> <tr> <td>0.09-0.25</td> <td>0.64</td> <td>4.2</td> </tr> <tr> <td>0.13-0.33</td> <td>0.88</td> <td>4.2</td> </tr> <tr> <td>0.25-0.52</td> <td>1.13</td> <td>4.2</td> </tr> </tbody> </table>	Conductor cross-section(mm <sup>2</sup> )	∅	Stripping length(mm)	0.09-0.25	0.64	4.2	0.13-0.33	0.88	4.2	0.25-0.52	1.13	4.2
	Conductor cross-section(mm <sup>2</sup> )		∅	Stripping length(mm)													
	0.09-0.25		0.64	4.2													
	0.13-0.33	0.88	4.2														
	0.25-0.52	1.13	4.2														
	0.13 ... 0.33mm <sup>2</sup>	10 40 000 7201	CSG-0.33-F														
0.25 ... 0.52mm <sup>2</sup>	10 40 000 7202	CSG-0.52-F															
0.09 ... 0.25mm <sup>2</sup>	Male	10 40 000 7100	CSG-0.25-M														
0.13 ... 0.33mm <sup>2</sup>		10 40 000 7101	CSG-0.33-M														
0.25 ... 0.52mm <sup>2</sup>		10 40 000 7102	CSG-0.52-M														



Technical characteristics		
Contact resistance	[mΩ]	≤ 3
Operating current	[A]	≤ 10
Material contacts		Copper alloy
RoHS		Compliant with exemption
RoHS exemption		6c: Copper alloy containing up to 4% lead by weight



Details
The wire gauges refer to geometric wire gauges of cables

Specifications
Compliant: IEC 60664-1, IEC 61984

Features
- Micro setting down to 0.01mm tolerance
- Suitable for Sare® CD crimp contacts
- With best performance for a time saving

Details

Specifications
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Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)																																
Crimp contact, silver plated 	0.14 ... 0.37mm <sup>2</sup> 0.5mm <sup>2</sup> 0.75mm <sup>2</sup> 1.0mm <sup>2</sup> 1.5mm <sup>2</sup> 2.5mm <sup>2</sup>	Female	10 31 000 7200	CDS-0.37-F	 21.6 ∅ 3.5																																
			10 31 000 7201	CDS-0.5-F																																	
			10 31 000 7202	CDS-0.75-F																																	
			10 31 000 7203	CDS-1.0-F																																	
			10 31 000 7204	CDS-1.5-F																																	
			10 31 000 7205	CDS-2.5-F																																	
	0.14 ... 0.37mm <sup>2</sup> 0.5mm <sup>2</sup> 0.75mm <sup>2</sup> 1.0mm <sup>2</sup> 1.5mm <sup>2</sup> 2.5mm <sup>2</sup>	Male	10 31 000 7100	CDS-0.37-M	 25 ∅ 3.2 ∅ 1.6																																
			10 31 000 7101	CDS-0.5-M																																	
			10 31 000 7102	CDS-0.75-M																																	
			10 31 000 7103	CDS-1.0-M																																	
			10 31 000 7104	CDS-1.5-M																																	
			10 31 000 7105	CDS-2.5-M																																	
			Crimp contact, gold plated 	0.14 ... 0.37mm <sup>2</sup> 0.5mm <sup>2</sup> 0.75mm <sup>2</sup> 1.0mm <sup>2</sup> 1.5mm <sup>2</sup> 2.5mm <sup>2</sup>		Female	10 31 000 7210	CDG-0.37-F	<table border="1"> <thead> <tr> <th colspan="2">Conductor cross-section(mm<sup>2</sup>)</th> <th>∅</th> <th>Stripping length(mm)</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37</td> <td>AWG 26-22</td> <td>0.9</td> <td>8</td> </tr> <tr> <td>0.5</td> <td>AWG 20</td> <td>1.10</td> <td>8</td> </tr> <tr> <td>0.75</td> <td>AWG 18</td> <td>1.30</td> <td>8</td> </tr> <tr> <td>1.0</td> <td>AWG 18</td> <td>1.45</td> <td>8</td> </tr> <tr> <td>1.5</td> <td>AWG 16</td> <td>1.75</td> <td>8</td> </tr> <tr> <td>2.5</td> <td>AWG 14</td> <td>2.25</td> <td>6</td> </tr> </tbody> </table>	Conductor cross-section(mm <sup>2</sup> )		∅	Stripping length(mm)	0.14-0.37	AWG 26-22	0.9	8	0.5	AWG 20	1.10	8	0.75	AWG 18	1.30	8	1.0	AWG 18	1.45	8	1.5	AWG 16	1.75	8	2.5	AWG 14	2.25	6
							Conductor cross-section(mm <sup>2</sup> )			∅	Stripping length(mm)																										
0.14-0.37	AWG 26-22	0.9			8																																
0.5	AWG 20	1.10			8																																
0.75	AWG 18	1.30			8																																
1.0	AWG 18	1.45			8																																
1.5	AWG 16	1.75		8																																	
2.5	AWG 14	2.25		6																																	
10 31 000 7211	CDG-0.5-F																																				
10 31 000 7212	CDG-0.75-F																																				
10 31 000 7213	CDG-1.0-F																																				
10 31 000 7214	CDG-1.5-F																																				
10 31 000 7215	CDG-2.5-F																																				
0.14 ... 0.37mm <sup>2</sup> 0.5mm <sup>2</sup> 0.75mm <sup>2</sup> 1.0mm <sup>2</sup> 1.5mm <sup>2</sup> 2.5mm <sup>2</sup>	Male	10 31 000 7110	CDG-0.37-M																																		
		10 31 000 7111	CDG-0.5-M																																		
		10 31 000 7112	CDG-0.75-M																																		
		10 31 000 7113	CDG-1.0-M																																		
		10 31 000 7114	CDG-1.5-M																																		
		10 31 000 7115	CDG-2.5-M																																		

Identification	Conductor Cross-section	Part No.	Type Name	Dimensions (in mm)																
Crimping tool, chrome plated, two-component 	0.08 ... 2.5mm <sup>2</sup>	8720 0000 61	TOOL-C01/R	 177.9																
Locator, spare part 		8720 0101 0	TOOL-C01L/R	Suitable for: <table border="1"> <thead> <tr> <th>Contact</th> <th>Conductor Cross-section (mm<sup>2</sup>)</th> <th>TOOL-C01</th> </tr> </thead> <tbody> <tr> <td rowspan="5">CD-Series</td> <td>0.14 ... 0.37</td> <td>X</td> </tr> <tr> <td>0.5</td> <td>X</td> </tr> <tr> <td>0.75</td> <td>X</td> </tr> <tr> <td>1.0</td> <td>X</td> </tr> <tr> <td>1.5</td> <td>X</td> </tr> <tr> <td>2.5</td> <td>X</td> </tr> </tbody> </table>	Contact	Conductor Cross-section (mm <sup>2</sup> )	TOOL-C01	CD-Series	0.14 ... 0.37	X	0.5	X	0.75	X	1.0	X	1.5	X	2.5	X
Contact	Conductor Cross-section (mm <sup>2</sup> )	TOOL-C01																		
CD-Series	0.14 ... 0.37	X																		
	0.5	X																		
	0.75	X																		
	1.0	X																		
	1.5	X																		
2.5	X																			
Removal tool, powder coated, aluminium grips, nickel plated, special tool steel 		680 050 4	TOOL-RD/R	 113																

Technical characteristics		
Contact resistance	[mΩ]	≤ 1
Operating current	[A]	≤ 16
Material contacts		Copper alloy
RoHS		Compliant with exemption
RoHS exemption		6c: Copper alloy containing up to 4% lead by weight



Details
The wire gauges refer to geometric wire gauges of cables


Specifications
Compliant: IEC 60664-1, IEC 61984

Features
- Micro setting down to 0.01mm tolerance
- Suitable for Sare® CE crimp contacts
- With best performance for a time saving


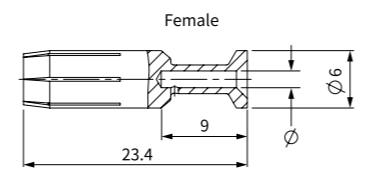
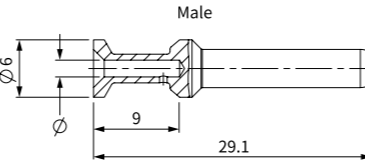
Details
Specifications

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)																																				
Crimp contact, silver plated	0.14 ... 0.37mm <sup>2</sup>	Female	10 32 000 7200	CES-0.37-F	<table border="1"> <thead> <tr> <th>Conductor cross-section(mm<sup>2</sup>)</th> <th>AWG</th> <th>Ø</th> <th>Identification</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37</td> <td>AWG 26-22</td> <td>0.9</td> <td>no groove</td> </tr> <tr> <td>0.5</td> <td>AWG 20</td> <td>1.15</td> <td>no groove</td> </tr> <tr> <td>0.75</td> <td>AWG 18</td> <td>1.30</td> <td>1 groove<sup>(1)</sup></td> </tr> <tr> <td>1.0</td> <td>AWG 18</td> <td>1.45</td> <td>1 groove</td> </tr> <tr> <td>1.5</td> <td>AWG 16</td> <td>1.75</td> <td>2 grooves</td> </tr> <tr> <td>2.5</td> <td>AWG 14</td> <td>2.25</td> <td>3 grooves</td> </tr> <tr> <td>3</td> <td>AWG 12</td> <td>2.55</td> <td>1 wide groove</td> </tr> <tr> <td>4</td> <td>AWG 12</td> <td>2.85</td> <td>no groove</td> </tr> </tbody> </table> <p>(1) = 1 groove on the back crimp collar</p>	Conductor cross-section(mm <sup>2</sup> )	AWG	Ø	Identification	0.14-0.37	AWG 26-22	0.9	no groove	0.5	AWG 20	1.15	no groove	0.75	AWG 18	1.30	1 groove <sup>(1)</sup>	1.0	AWG 18	1.45	1 groove	1.5	AWG 16	1.75	2 grooves	2.5	AWG 14	2.25	3 grooves	3	AWG 12	2.55	1 wide groove	4	AWG 12	2.85	no groove
	Conductor cross-section(mm <sup>2</sup> )		AWG	Ø		Identification																																			
	0.14-0.37		AWG 26-22	0.9		no groove																																			
	0.5		AWG 20	1.15		no groove																																			
	0.75		AWG 18	1.30		1 groove <sup>(1)</sup>																																			
	1.0		AWG 18	1.45		1 groove																																			
	1.5		AWG 16	1.75		2 grooves																																			
	2.5	AWG 14	2.25	3 grooves																																					
	3	AWG 12	2.55	1 wide groove																																					
	4	AWG 12	2.85	no groove																																					
	0.5mm <sup>2</sup>	10 32 000 7201	CES-0.5-F																																						
	0.75mm <sup>2</sup>	10 32 000 7202	CES-0.75-F																																						
	1.0mm <sup>2</sup>	10 32 000 7203	CES-1.0-F																																						
	1.5mm <sup>2</sup>	10 32 000 7204	CES-1.5-F																																						
2.5mm <sup>2</sup>	10 32 000 7205	CES-2.5-F																																							
3.0mm <sup>2</sup>	10 32 000 7206	CES-3.0-F																																							
4.0mm <sup>2</sup>	10 32 000 7207	CES-4.0-F																																							
0.14 ... 0.37mm <sup>2</sup>	Male	10 32 000 7100	CES-0.37-M																																						
0.5mm <sup>2</sup>		10 32 000 7101	CES-0.5-M																																						
0.75mm <sup>2</sup>		10 32 000 7102	CES-0.75-M																																						
1.0mm <sup>2</sup>		10 32 000 7103	CES-1.0-M																																						
1.5mm <sup>2</sup>		10 32 000 7104	CES-1.5-M																																						
2.5mm <sup>2</sup>		10 32 000 7105	CES-2.5-M																																						
3.0mm <sup>2</sup>		10 32 000 7106	CES-3.0-M																																						
4.0mm <sup>2</sup>	10 32 000 7107	CES-4.0-M																																							
Crimp contact, gold plated	0.14 ... 0.37mm <sup>2</sup>	Female	10 32 000 7210	CEG-0.37-F																																					
	0.5mm <sup>2</sup>		10 32 000 7211	CEG-0.5-F																																					
	0.75mm <sup>2</sup>		10 32 000 7212	CEG-0.75-F																																					
	1.0mm <sup>2</sup>		10 32 000 7213	CEG-1.0-F																																					
	1.5mm <sup>2</sup>		10 32 000 7214	CEG-1.5-F																																					
	2.5mm <sup>2</sup>		10 32 000 7215	CEG-2.5-F																																					
	4.0mm <sup>2</sup>		10 32 000 7217	CEG-4.0-F																																					
	0.14 ... 0.37mm <sup>2</sup>	Male	10 32 000 7110	CEG-0.37-M																																					
	0.5mm <sup>2</sup>		10 32 000 7111	CEG-0.5-M																																					
	0.75mm <sup>2</sup>		10 32 000 7112	CEG-0.75-M																																					
	1.0mm <sup>2</sup>		10 32 000 7113	CEG-1.0-M																																					
	1.5mm <sup>2</sup>		10 32 000 7114	CEG-1.5-M																																					
	2.5mm <sup>2</sup>		10 32 000 7115	CEG-2.5-M																																					
	4.0mm <sup>2</sup>		10 32 000 7117	CEG-4.0-M																																					

Identification	Conductor Cross-section	Part No.	Type Name	Dimensions (in mm)																		
Crimping tool	0.14 ... 6.0mm <sup>2</sup>	8750 0000 61	TOOL-C02/R																			
Locator		8750 0401 0	TOOL-C02L/R	<p>Suitable for:</p> <table border="1"> <thead> <tr> <th>Contact</th> <th>Conductor Cross-section (mm<sup>2</sup>)</th> <th>TOOL-C02</th> </tr> </thead> <tbody> <tr> <td rowspan="6">CE-Series</td> <td>0.14 ... 0.37</td> <td>X</td> </tr> <tr> <td>0.5</td> <td>X</td> </tr> <tr> <td>0.75</td> <td>X</td> </tr> <tr> <td>1.0</td> <td>X</td> </tr> <tr> <td>1.5</td> <td>X</td> </tr> <tr> <td>2.5</td> <td>X</td> </tr> <tr> <td>4.0</td> <td>X</td> </tr> </tbody> </table>	Contact	Conductor Cross-section (mm <sup>2</sup> )	TOOL-C02	CE-Series	0.14 ... 0.37	X	0.5	X	0.75	X	1.0	X	1.5	X	2.5	X	4.0	X
Contact	Conductor Cross-section (mm <sup>2</sup> )	TOOL-C02																				
CE-Series	0.14 ... 0.37	X																				
	0.5	X																				
	0.75	X																				
	1.0	X																				
	1.5	X																				
	2.5	X																				
4.0	X																					
Removal tool		680 110 4	TOOL-RE/R																			

Technical characteristics		
Contact resistance	[mΩ]	≤ 1
Operating current	[A]	≤ 40
Material contacts		Copper alloy
RoHS		Compliant with exemption
RoHS exemption		6c: Copper alloy containing up to 4% lead by weight
		


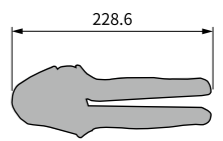


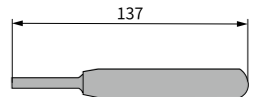
Details
The wire gauges refer to geometric wire gauges of cables
Specifications
Compliant: IEC 60664-1, IEC 61984

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)																												
Crimp contact, silver plated 	1.5mm <sup>2</sup>	Female	10 34 000 7200	CCS-1.5-F	  <table border="1" data-bbox="1013 1004 1391 1222"> <thead> <tr> <th>Conductor cross-section(mm<sup>2</sup>)</th> <th></th> <th>∅</th> <th>Stripping length(mm)</th> </tr> </thead> <tbody> <tr> <td>1.5</td> <td>AWG 16</td> <td>1.78</td> <td>9.5</td> </tr> <tr> <td>2.5</td> <td>AWG 14</td> <td>2.28</td> <td>9.5</td> </tr> <tr> <td>3.0</td> <td>AWG12</td> <td>2.58</td> <td>9.5</td> </tr> <tr> <td>4.0</td> <td>AWG 12</td> <td>2.88</td> <td>9.5</td> </tr> <tr> <td>6.0</td> <td>AWG 10</td> <td>3.53</td> <td>9.5</td> </tr> <tr> <td>10.0</td> <td>AWG 8</td> <td>4.30</td> <td>12</td> </tr> </tbody> </table>	Conductor cross-section(mm <sup>2</sup> )		∅	Stripping length(mm)	1.5	AWG 16	1.78	9.5	2.5	AWG 14	2.28	9.5	3.0	AWG12	2.58	9.5	4.0	AWG 12	2.88	9.5	6.0	AWG 10	3.53	9.5	10.0	AWG 8	4.30	12
	Conductor cross-section(mm <sup>2</sup> )			∅		Stripping length(mm)																											
	1.5		AWG 16	1.78		9.5																											
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	2.5mm <sup>2</sup>	10 34 000 7201	CCS-2.5-F																														
	3.0mm <sup>2</sup>	10 34 000 7205	CCS-3.0-F																														
	4.0mm <sup>2</sup>	10 34 000 7202	CCS-4.0-F																														
	6.0mm <sup>2</sup>	10 34 000 7203	CCS-6.0-F																														
	10.0mm <sup>2</sup>	10 34 000 7204	CCS-10.0-F																														
	1.5mm <sup>2</sup>	Male	10 34 000 7100	CCS-1.5-M																													
2.5mm <sup>2</sup>	10 34 000 7101		CCS-2.5-M																														
3.0mm <sup>2</sup>	10 34 000 7105		CCS-3.0-M																														
4.0mm <sup>2</sup>	10 34 000 7102		CCS-4.0-M																														
6.0mm <sup>2</sup>	10 34 000 7103		CCS-6.0-M																														
10.0mm <sup>2</sup>	10 34 000 7104		CCS-10.0-M																														

Features
- Micro setting down to 0.01mm tolerance
- Suitable for Sare® CC crimp contacts
- With best performance for a time saving

Details


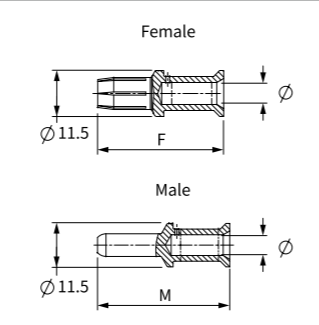
Specifications

Identification	Conductor Cross-section	Part No.	Type Name	Dimensions (in mm)														
Crimping tool  Please order the locator separately	1.5 ... 10mm <sup>2</sup>	8760 0000 61	TOOL-C03/R	 Suitable for: <table border="1" data-bbox="2540 839 2782 1004"> <thead> <tr> <th>Contact</th> <th>Conductor Cross-section (mm<sup>2</sup>)</th> <th>TOOL-C03</th> </tr> </thead> <tbody> <tr> <td rowspan="5">CC-Series</td> <td>1.5</td> <td>X</td> </tr> <tr> <td>2.5</td> <td>X</td> </tr> <tr> <td>4.0</td> <td>X</td> </tr> <tr> <td>6.0</td> <td>X</td> </tr> <tr> <td>10</td> <td>X</td> </tr> </tbody> </table>	Contact	Conductor Cross-section (mm <sup>2</sup> )	TOOL-C03	CC-Series	1.5	X	2.5	X	4.0	X	6.0	X	10	X
Contact	Conductor Cross-section (mm <sup>2</sup> )	TOOL-C03																
CC-Series	1.5	X																
	2.5	X																
	4.0	X																
	6.0	X																
	10	X																
Locator 		8760 0401 0	TOOL-C03L/R															
Removal tool 		680 090 4	TOOL-RC/R															

Technical characteristics		
Contact resistance	[mΩ]	≤ 0.5
Operating current	[A]	≤ 70
Material contacts		Copper alloy
RoHS		Compliant with exemption
RoHS exemption		6c: Copper alloy containing up to 4% lead by weight






Details
The wire gauges refer to geometric wire gauges of cables
Specifications
Compliant: IEC 60664-1, IEC 61984

Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)																				
Crimp contact, silver plated 	10mm <sup>2</sup>	Female	10 39 000 7200	C70S-10-F	 <table border="1"> <thead> <tr> <th>Conductor cross-section (mm<sup>2</sup>)</th> <th>Stripping length (mm)</th> <th>∅ (mm)</th> <th>F (mm)</th> <th>M (mm)</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>15.5</td> <td>4.3</td> <td>31.5</td> <td>35</td> </tr> <tr> <td>16</td> <td>15.5</td> <td>5.5</td> <td>31.5</td> <td>35</td> </tr> <tr> <td>25</td> <td>15.5</td> <td>7</td> <td>31.5</td> <td>35</td> </tr> </tbody> </table>	Conductor cross-section (mm <sup>2</sup> )	Stripping length (mm)	∅ (mm)	F (mm)	M (mm)	10	15.5	4.3	31.5	35	16	15.5	5.5	31.5	35	25	15.5	7	31.5	35
	Conductor cross-section (mm <sup>2</sup> )		Stripping length (mm)	∅ (mm)		F (mm)	M (mm)																		
	10		15.5	4.3		31.5	35																		
	16	15.5	5.5	31.5		35																			
	25	15.5	7	31.5		35																			
	16mm <sup>2</sup>	10 39 000 7201	C70S-16-F																						
25mm <sup>2</sup>	10 39 000 7202	C70S-25-F																							
10mm <sup>2</sup>	Male	10 39 000 7100	C70S-10-M																						
16mm <sup>2</sup>		10 39 000 7101	C70S-16-M																						
25mm <sup>2</sup>		10 39 000 7102	C70S-25-M																						

Features
- Hydraulic two-hand crimping tool in plastic case, for crimping copper and aluminium conductors with cross-sections 10 - 400 mm <sup>2</sup>
- 360° rotating crimping head hinges for changing connector and die
- 3 years of 20000 work cycles warranty
- manual return in every position possible
- Li-Ion Battery 18V/3Ah

Details

Specifications

Identification	Conductor Cross-section	Part No.	Type Name	Dimensions (in mm)																																																																																																												
Hydraulic Crimping tool 		632 801 5	HPZ 80.1	Suitable for: <table border="1"> <thead> <tr> <th>Conductor Cross-section (mm<sup>2</sup>)</th> <th>Crimp die</th> <th>C70</th> <th>C100</th> <th>C200</th> <th>C250</th> <th>C350</th> <th>C650</th> </tr> </thead> <tbody> <tr><td>10</td><td>632 124 5</td><td>x</td><td>x</td><td></td><td>x</td><td></td><td></td></tr> <tr><td>16</td><td>632 125 5</td><td>x</td><td>x</td><td>x</td><td>x</td><td></td><td></td></tr> <tr><td>25</td><td>632 126 5</td><td>x</td><td>x</td><td>x</td><td>x</td><td>x</td><td></td></tr> <tr><td>35</td><td>632 127 5</td><td></td><td>x</td><td>x</td><td>x</td><td>x</td><td></td></tr> <tr><td>50</td><td>632 128 5</td><td></td><td></td><td>x</td><td>x</td><td>x</td><td></td></tr> <tr><td>70</td><td>632 129 5</td><td></td><td></td><td>x</td><td>x</td><td>x</td><td>x</td></tr> <tr><td>95</td><td>632 130 5</td><td></td><td></td><td></td><td></td><td>x</td><td>x</td></tr> <tr><td>120</td><td>632 131 5</td><td></td><td></td><td></td><td></td><td>x</td><td>x</td></tr> <tr><td>150</td><td>632 132 5</td><td></td><td></td><td></td><td></td><td></td><td>x</td></tr> <tr><td>185</td><td>632 133 5</td><td></td><td></td><td></td><td></td><td></td><td>x</td></tr> <tr><td>240</td><td>632 134 5</td><td></td><td></td><td></td><td></td><td></td><td>x</td></tr> </tbody> </table>	Conductor Cross-section (mm <sup>2</sup> )	Crimp die	C70	C100	C200	C250	C350	C650	10	632 124 5	x	x		x			16	632 125 5	x	x	x	x			25	632 126 5	x	x	x	x	x		35	632 127 5		x	x	x	x		50	632 128 5			x	x	x		70	632 129 5			x	x	x	x	95	632 130 5					x	x	120	632 131 5					x	x	150	632 132 5						x	185	632 133 5						x	240	632 134 5						x												
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Battery-powered hydraulic crimp tool 		6320 800 1	APZ 80																																																																																																													
Crimp-dies 	10mm <sup>2</sup> 16mm <sup>2</sup> 25mm <sup>2</sup> 35mm <sup>2</sup> 50mm <sup>2</sup> 70mm <sup>2</sup>	632 124 5 632 125 5 632 126 5 632 127 5 632 128 5 632 129 5	K 6/80 K 8/80 K 10/80 K 12/80 K 14/80 K 16/80	Suitable for: <table border="1"> <thead> <tr> <th>Conductor Cross-section (mm<sup>2</sup>)</th> <th>Pressing Width (mm)</th> <th>Identification</th> <th>C70</th> <th>C100</th> <th>C200</th> <th>C250</th> <th>C350</th> <th>C650</th> </tr> </thead> <tbody> <tr><td>10</td><td>9</td><td>6</td><td>x</td><td>x</td><td></td><td>x</td><td></td><td></td></tr> <tr><td>16</td><td>9</td><td>8</td><td>x</td><td>x</td><td>x</td><td>x</td><td></td><td></td></tr> <tr><td>25</td><td>9</td><td>10</td><td>x</td><td>x</td><td>x</td><td>x</td><td>x</td><td></td></tr> <tr><td>35</td><td>9</td><td>12</td><td></td><td>x</td><td>x</td><td>x</td><td>x</td><td></td></tr> <tr><td>50</td><td>9</td><td>14</td><td></td><td></td><td>x</td><td>x</td><td>x</td><td></td></tr> <tr><td>70</td><td>9</td><td>16</td><td></td><td></td><td>x</td><td>x</td><td>x</td><td>x</td></tr> <tr><td>95</td><td>9</td><td>18</td><td></td><td></td><td></td><td></td><td>x</td><td>x</td></tr> <tr><td>120</td><td>9</td><td>20</td><td></td><td></td><td></td><td></td><td>x</td><td>x</td></tr> <tr><td>150</td><td>9</td><td>22</td><td></td><td></td><td></td><td></td><td></td><td>x</td></tr> <tr><td>185</td><td>9</td><td>25</td><td></td><td></td><td></td><td></td><td></td><td>x</td></tr> <tr><td>240</td><td>9</td><td>28</td><td></td><td></td><td></td><td></td><td></td><td>x</td></tr> </tbody> </table>	Conductor Cross-section (mm <sup>2</sup> )	Pressing Width (mm)	Identification	C70	C100	C200	C250	C350	C650	10	9	6	x	x		x			16	9	8	x	x	x	x			25	9	10	x	x	x	x	x		35	9	12		x	x	x	x		50	9	14			x	x	x		70	9	16			x	x	x	x	95	9	18					x	x	120	9	20					x	x	150	9	22						x	185	9	25						x	240	9	28						x
Conductor Cross-section (mm <sup>2</sup> )	Pressing Width (mm)	Identification	C70	C100	C200	C250	C350	C650																																																																																																								
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16	9	8	x	x	x	x																																																																																																										
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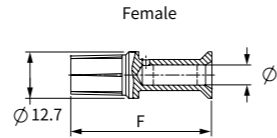
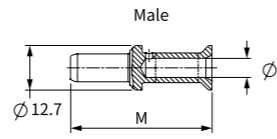
Technical characteristics		
Contact resistance	[mΩ]	≤ 0.3
Operating current	[A]	≤ 100
Material contacts		Copper alloy
RoHS		Compliant with exemption
RoHS exemption		6c: Copper alloy containing up to 4% lead by weight



Details
The wire gauges refer to geometric wire gauges of cables

Specifications
Compliant: IEC 60664-1, IEC 61984




Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)																									
Crimp contact, silver plated 	10mm <sup>2</sup>	Female	10 39 000 7210	C100S-10-F	  <table border="1"> <thead> <tr> <th>Conductor cross-section (mm<sup>2</sup>)</th> <th>Stripping length (mm)</th> <th>∅ (mm)</th> <th>F (mm)</th> <th>M (mm)</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>19</td> <td>4.3</td> <td>38.5</td> <td>40.5</td> </tr> <tr> <td>16</td> <td>19</td> <td>5.5</td> <td>38.5</td> <td>40.5</td> </tr> <tr> <td>25</td> <td>19</td> <td>7</td> <td>38.5</td> <td>40.5</td> </tr> <tr> <td>35</td> <td>16</td> <td>8.2</td> <td>38.5</td> <td>40.5</td> </tr> </tbody> </table>	Conductor cross-section (mm <sup>2</sup> )	Stripping length (mm)	∅ (mm)	F (mm)	M (mm)	10	19	4.3	38.5	40.5	16	19	5.5	38.5	40.5	25	19	7	38.5	40.5	35	16	8.2	38.5	40.5
	Conductor cross-section (mm <sup>2</sup> )		Stripping length (mm)	∅ (mm)		F (mm)	M (mm)																							
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	16		19	5.5		38.5	40.5																							
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	35	16	8.2	38.5		40.5																								
	16mm <sup>2</sup>	10 39 000 7211	C100S-16-F																											
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	16mm <sup>2</sup>		10 39 000 7111	C100S-16-M																										
	25mm <sup>2</sup>		10 39 000 7112	C100S-25-M																										
	35mm <sup>2</sup>		10 39 000 7113	C100S-35-M																										

Features
- Hydraulic two-hand crimping tool in plastic case, for crimping copper and aluminium conductors with cross-sections 10 - 400 mm <sup>2</sup>
- 360° rotating crimping head hinges for changing connector and die
- 3 years of 20000 work cycles warranty
- manual return in every position possible
- Li-Ion Battery 18V/3Ah

Details

Specifications
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Identification	Conductor Cross-section	Part No.	Type Name	Dimensions (in mm)																																																																																																
Hydraulic Crimping tool 		632 801 5	HPZ 80.1	Suitable for: <table border="1"> <thead> <tr> <th>Conductor Cross-section (mm<sup>2</sup>)</th> <th>Crimp die</th> <th>C70</th> <th>C100</th> <th>C200</th> <th>C250</th> <th>C350</th> <th>C650</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>632 124 5</td> <td>x</td> <td>x</td> <td></td> <td>x</td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>632 125 5</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>632 126 5</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td></td> </tr> <tr> <td>35</td> <td>632 127 5</td> <td></td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td></td> </tr> <tr> <td>50</td> <td>632 128 5</td> <td></td> <td></td> <td>x</td> <td>x</td> <td>x</td> <td></td> </tr> <tr> <td>70</td> <td>632 129 5</td> <td></td> <td></td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> </tr> <tr> <td>95</td> <td>632 130 5</td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> </tr> <tr> <td>120</td> <td>632 131 5</td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> </tr> <tr> <td>150</td> <td>632 132 5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>185</td> <td>632 133 5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>240</td> <td>632 134 5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> </tr> </tbody> </table>	Conductor Cross-section (mm <sup>2</sup> )	Crimp die	C70	C100	C200	C250	C350	C650	10	632 124 5	x	x		x			16	632 125 5	x	x	x	x			25	632 126 5	x	x	x	x	x		35	632 127 5		x	x	x	x		50	632 128 5			x	x	x		70	632 129 5			x	x	x	x	95	632 130 5					x	x	120	632 131 5					x	x	150	632 132 5						x	185	632 133 5						x	240	632 134 5						x
Conductor Cross-section (mm <sup>2</sup> )	Crimp die	C70	C100	C200	C250	C350	C650																																																																																													
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16	632 125 5	x	x	x	x																																																																																															
25	632 126 5	x	x	x	x	x																																																																																														
35	632 127 5		x	x	x	x																																																																																														
50	632 128 5			x	x	x																																																																																														
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Battery-powered hydraulic crimp tool 		6320 800 1	APZ 80																																																																																																	
Crimp-dies 	10mm <sup>2</sup>	632 124 5	K 6/80																																																																																																	
	16mm <sup>2</sup>	632 125 5	K 8/80																																																																																																	
	25mm <sup>2</sup>	632 126 5	K 10/80																																																																																																	
	35mm <sup>2</sup>	632 127 5	K 12/80																																																																																																	
	50mm <sup>2</sup>	632 128 5	K 14/80																																																																																																	
	70mm <sup>2</sup>	632 129 5	K 16/80																																																																																																	

Technical characteristics		
Contact resistance	[mΩ]	≤ 0.3
Operating current	[A]	≤ 200
Material contacts		Copper alloy
RoHS		Compliant with exemption
RoHS exemption		6c: Copper alloy containing up to 4% lead by weight



Details
The wire gauges refer to geometric wire gauges of cables

Specifications
Compliant: IEC 60664-1, IEC 61984

Features
- Hydraulic two-hand crimping tool in plastic case, for crimping copper and aluminium conductors with cross-sections 10 - 400 mm <sup>2</sup>
- 360° rotating crimping head hinges for changing connector and die
- 3 years of 20000 work cycles warranty
- manual return in every position possible
- Li-Ion Battery 18V/3Ah

Details

Specifications
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Identification	Conductor Cross-section	Gender	Part No.	Type Name	Dimensions (in mm)																									
Crimp contact, silver plated 	25mm <sup>2</sup>	Female	10 39 000 7220	C200S-25-F	 <table border="1"> <thead> <tr> <th>Conductor cross-section (mm<sup>2</sup>)</th> <th>Stripping length (mm)</th> <th>∅ (mm)</th> <th>F (mm)</th> <th>M (mm)</th> </tr> </thead> <tbody> <tr> <td>25</td> <td>19</td> <td>7</td> <td>39.1</td> <td>41.2</td> </tr> <tr> <td>35</td> <td>20</td> <td>8.2</td> <td>41.2</td> <td>41.2</td> </tr> <tr> <td>50</td> <td>22.5</td> <td>10</td> <td>45.6</td> <td>47.7</td> </tr> <tr> <td>70</td> <td>22.5</td> <td>11.5</td> <td>45.6</td> <td>47.7</td> </tr> </tbody> </table>	Conductor cross-section (mm <sup>2</sup> )	Stripping length (mm)	∅ (mm)	F (mm)	M (mm)	25	19	7	39.1	41.2	35	20	8.2	41.2	41.2	50	22.5	10	45.6	47.7	70	22.5	11.5	45.6	47.7
	Conductor cross-section (mm <sup>2</sup> )		Stripping length (mm)	∅ (mm)		F (mm)	M (mm)																							
	25		19	7		39.1	41.2																							
	35		20	8.2		41.2	41.2																							
	50	22.5	10	45.6	47.7																									
	70	22.5	11.5	45.6	47.7																									
	35mm <sup>2</sup>	10 39 000 7221	C200S-35-F																											
	50mm <sup>2</sup>	10 39 000 7222	C200S-50-F																											
	70mm <sup>2</sup>	10 39 000 7223	C200S-70-F																											
	25mm <sup>2</sup>	Male	10 39 000 7120	C200S-25-M																										
	35mm <sup>2</sup>		10 39 000 7121	C200S-35-M																										
	50mm <sup>2</sup>		10 39 000 7122	C200S-50-M																										
	70mm <sup>2</sup>		10 39 000 7123	C200S-70-M																										

Identification	Conductor Cross-section	Part No.	Type Name
Hydraulic Crimping tool 		632 801 5	HPZ 80.1
Battery-powered hydraulic crimp tool 		6320 800 1	APZ 80
Crimp-dies 	10mm <sup>2</sup>	632 124 5	K 6/80
	16mm <sup>2</sup>	632 125 5	K 8/80
	25mm <sup>2</sup>	632 126 5	K 10/80
	35mm <sup>2</sup>	632 127 5	K 12/80
	50mm <sup>2</sup>	632 128 5	K 14/80
	70mm <sup>2</sup>	632 129 5	K 16/80

Suitable for:







Conductor Cross-section (mm <sup>2</sup> )	Crimp die	C70	C100	C200	C250	C350	C650
10	632 124 5	x	x		x		
16	632 125 5	x	x	x	x		
25	632 126 5	x	x	x	x	x	
35	632 127 5		x	x	x	x	
50	632 128 5			x	x	x	
70	632 129 5			x	x	x	x
95	632 130 5					x	x
120	632 131 5					x	x
150	632 132 5						x
185	632 133 5						x
240	632 134 5						x

Suitable for:

Conductor Cross-section (mm <sup>2</sup> )	Pressing Width (mm)	Identification	C70	C100	C200	C250	C350	C650
10	9	6	x	x		x		
16	9	8	x	x	x	x		
25	9	10	x	x	x	x	x	
35	9	12		x	x	x	x	
50	9	14			x	x	x	
70	9	16			x	x	x	x
95	9	18					x	x
120	9	20					x	x
150	9	22						x
185	9	25						x
240	9	28						x



			
Coding	Shielding frames	Docking frames	Locking levers
05-03	05-04	05-07	05-08
			
Seals	Replacement Screws		
05-09	05-11		

Sare®  
Accessories

## Accessories



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Accessories

Technical characteristics	
Material	Stainless steel
RoHS	Compliant

Details
Specifications

Identification	Gender	Part No.	Type Name
Simple coding pins, for fixed-pole inserts, please order 4 pieces for one connector		10 00 000 9000	CODE-M3
Coding, for fixed-pole inserts, for modular frames, please order 4 pieces for one connector	Female	10 38 000 9200	BUSHM-M3
	Male	10 38 000 9100	GPINM-M3

**Dimensions (in mm)**

for hoods/housings with one insert/one frame

● Guide Pin  
+ Fixing screw

for hoods/housings with two inserts/two frames please refer to website [www.inkonn.com](http://www.inkonn.com)

for hoods/housings with one insert/one frame

● Male Guide Pin  
○ Female Guide Pin  
+ Fixing screw

for hoods/housings with two inserts/two frames please refer to website [www.inkonn.com](http://www.inkonn.com)

Sare®  
Accessories

Technical characteristics	
Material	Steel, zinc plated
RoHS	Compliant

Details
- Sare® IE Series, Sare® IEE Series, Sare® IDD Series, for bulkhead mounted housings and hoods, high construction, pack contents: ground terminal frame with M4 screws for fixing at insert


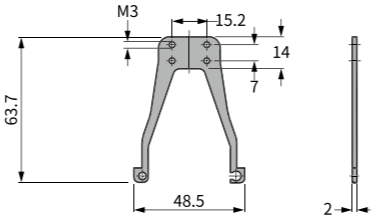

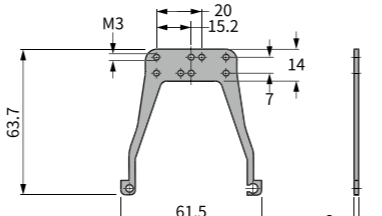

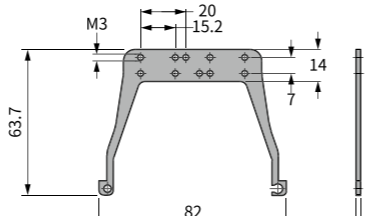

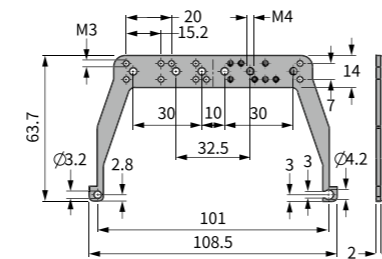
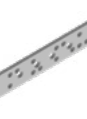
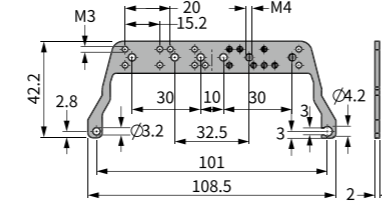
Identification	Size	Part No.	Type Name
Shielding frame	B06	10 00 006 8000	SFB06
	B10	10 00 010 8000	SFB10
	B16	10 00 016 8000	SFB16
	B24	10 00 024 8000	SFB24
	B24	10 00 024 8010	SFB24-H

**Dimensions (in mm)**




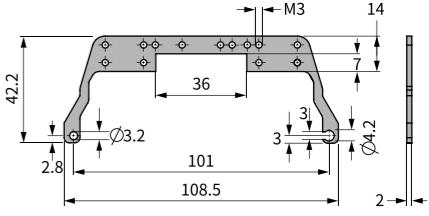

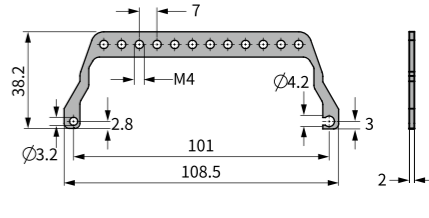

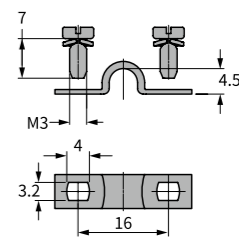

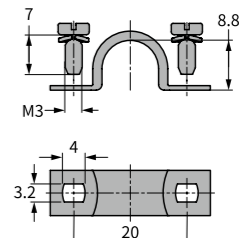
Sare®  
Accessories

Technical characteristics		Details
Material RoHS	Steel, zinc plated Compliant	- For bulkhead mounted housings, high construction and B24 low construction

Identification	Size	Part No.	Type Name	Dimensions (in mm)
Shielding frame 	B06	10 38 006 8010	SFMB06-H	
	B10	10 38 010 8010	SFMB10-H	
	B16	10 38 016 8010	SFMB16-H	
	B24	10 38 024 8010	SFMB24-H	
	B24	10 38 024 8000	SFMB24	

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Accessories


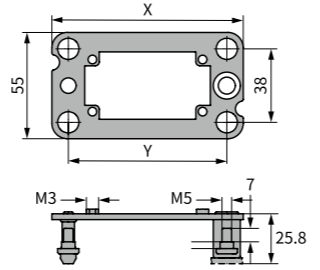
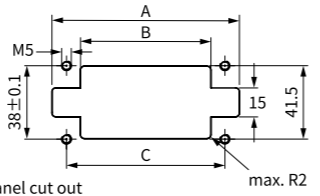
Technical characteristics		Details
Material RoHS	Steel, zinc plated Compliant	

Identification	Size	Part No.	Type Name	Dimensions (in mm)
Sensitive signals Module, Shielding frame, for bulkhead mounted and hoods 	B24	10 38 024 8020	SFMB24-Q	
Module, PE bracket, for bulkhead mounted 	B24	10 38 024 8030	SFMB24-PE	
Clamp, for shield frames, 2xM3 screws included in delivery 	5mm	10 00 000 8900	SF-CLP5	Cable diameter 5mm SF-CLP5 
	10mm	10 00 000 8901	SF-CLP10	Cable diameter 10mm SF-CLP10 

Sare®  
Accessories

Technical characteristics	
Material	Stainless Steel
Mating cycles	≥ 500
Mating cycles with other HMC components	≥ 10000
RoHS	Compliant

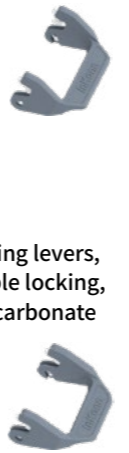
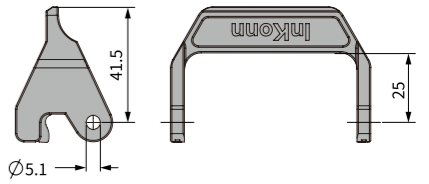

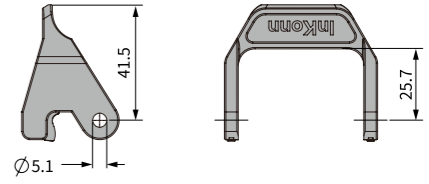
Details
<ul style="list-style-type: none"> <li>- Suitable for all inserts of the series Sare® IE, Sare® IEE, Sare® IEEE, Sare® IE S, Sare® ID, Sare® IDD, Sare® IsB, Sare® Module</li> <li>- Due to the floating system of the docking frame the PE connection of the mounting base has to be installed separately.</li> <li>- Inserts are protected against mechanical damage</li> <li>- Pack contents: 1 frame, 4 cheese head shoulder screws (Stainless steel) to fix the docking frame, pull-in-range x-axis: ± 1.5 mm, Pull-in-range y-axis: ± 1.5 mm</li> </ul>

Identification	Size	Part No.	Type Name	Dimensions (in mm)
Docking frame 	B06	10 11 006 8900	DFB06	 <p>Distance for electrical and FO contacts max. 27 mm; for Modular series max. 26.5 mm B6: X = 86; Y = 69 B10: X = 99; Y = 82 B16: X = 119.5; Y = 102.5 B24: X = 146; Y = 129</p>  <p>Panel cut out max. R2</p> <p>B6: A = 84; B = 54.5; C = 69 B10: A = 97; B = 67.5; C = 82 B16: A = 117.5; B = 88; C = 102.5 B24: A = 144; B = 114.5; C = 129</p>
	B10	10 11 010 8900	DFB10	
	B16	10 11 016 8900	DFB16	
	B24	10 11 024 8900	DFB24	

Sare®  
Accessories






Technical characteristics	
Material	Polycarbonate, Stainless steel, Thermoplastic
Color	RAL7037(dust grey)
Material flammability class acc.	V-0
RoHS	Compliant

Details

Identification	Size	Part No.	Type Name	Dimensions (in mm)
Locking levers, single locking, polycarbonate 	B06	20 89 000 0001	A.LB06-SL	
	B10	20 89 000 0003	A.LB10-SL	
	B16	20 89 000 0004	A.LB16-SL	
	B24	20 89 000 0005	A.LB24-SL	
Locking levers, double locking, polycarbonate 	B10/B16/B24	20 89 000 0002	A.LB-DL	





Sare®  
Accessories

Technical characteristics		Details
Material	NBR	
Color	Black	
RoHS	Compliant	





Identification	Size	Part No.	Type Name	Dimensions (in mm)
Sare® A, Seal, Profile gasket, for bulkhead mounted housings, for surface mounted housings 	A03	10 01 003 7910	SA03-PG	
	A10	10 01 010 7910	SA10-PG	
	A16	10 01 016 7910	SA16-PG	
Sare® B, Seal, Profile gasket, for bulkhead mounted housings, for surface mounted housings 	B06	10 11 006 7910	SB06-PG	
	B10	10 11 010 7910	SB10-PG	
	B16	10 11 016 7910	SB16-PG	
	B24	10 11 024 7910	SB24-PG	
	B32	10 11 032 7910	SB32-PG	
	B48	10 11 048 7910	SB48-PG	
L-Seal, for cable to cable mounted housings 	B06	10 11 006 7920	SB06-L	
	B10	10 11 010 7920	SB10-L	
	B16	10 11 016 7920	SB16-L	
	B24	10 11 024 7920	SB24-L	
Sare® A, Seal, Flange gasket 	A03	10 01 003 7900	SA03-FG	
Sare® B, Seal, Flange gasket, self-retaining 	B06	10 11 006 7900	SB06-FGS	
	B10	10 11 010 7900	SB10-FGS	
	B16	10 11 016 7900	SB16-FGS	
	B24	10 11 024 7900	SB24-FGS	

Sare®  
Accessories

Technical characteristics		Details
Material	FPM	
Color	Grey	
RoHS	Compliant	

Identification	Size	Part No.	Type Name	Dimensions (in mm)
Sare® A, Seal, Profile gasket, for bulkhead mounted housings, for surface mounted housings 	A03	10 01 003 7911	SA03-PG/FPM	
Sare® B, Seal, Profile gasket, for bulkhead mounted housings, for surface mounted housings 	B06	10 11 006 7911	SB06-PG/FPM	
	B10	10 11 010 7911	SB10-PG/FPM	
	B16	10 11 016 7911	SB16-PG/FPM	
	B24	10 11 024 7911	SB24-PG/FPM	
Sare® A, Seal, Flange gasket 	A03	10 01 003 7901	SA03-FG/FPM	
Sare® B, Seal, Flange gasket, self-retaining 	B06	10 11 006 7901	SB06-FGS/FPM	
	B10	10 11 010 7901	SB10-FGS/FPM	
	B16	10 11 016 7901	SB16-FGS/FPM	
	B24	10 11 024 7901	SB24-FGS/FPM	

Technical characteristics		Details
RoHS	Compliant	

Identification	Size	Part No.	Type Name	Dimensions (in mm)
Fixing screws, with seal, for Sare® A03  	M3	20 96 000 0003	A.LS-M3*6	
PE screw, for Sare® A, IA-10, IA-16  	M3.5	10 96 000 9900	M3.5 PE SCREW	
PE screw, for Size B06 ... B24  	M4	10 96 000 9901	M4 PE SCREW	
PE screw, for ISB-Series  	M5	10 96 000 9902	M5 PE SCREW	