

MIS | Modular Interface System

Split cable entry frame with Han 3A / Han 4A connection / IP65 / UL Type 12



The modular interface system (MIS) is a split cable entry for cables with and without connectors in combination with industrial connectors 3A or 4A. An industrial connector of size 3A or 4A can be plugged directly onto the frame. Cables with a diameter of 1 to 15 mm can be routed, sealed and strain relieved in accordance with EN 62444.

The cable entry frame consists of a frame (mounting housing for the 3A/4A socket insert), a cover, two screws and a locking element. The counterpart consists of a housing for the 3A/4A pin insert and a cable gland, either M20 for cable diameters of 6 - 12 mm or M25 for cable diameters of 13 - 18 mm. The MIS is compatible and CE-compliant with numerous insert manufacturers (Harting, Ilme, Phoenix Contact, TE Connectivity, Weidmüller, Lapp, Amphenol, Molex, RS Pro, ...).

The cable grommets are routed into the frame and automatically fixed in the frame. Once fully assembled, the cover is screwed on. The plug is then connected and locked into place with the integrated locking element. A protective cover is available for plug connections that are not required. This cover is available separately as an accessory.

The combination of an industrial connector and cable entry saves further cut-outs and therefore space.

The injected seal on the back achieves protection class IP65. IP65 is also achieved in applications with double grommets! The optional protective cover achieves protection class IP54.

This product is available in different versions: With steel screws or stainless steel screws. It is also possible to integrate threaded bushings. Please ask us about your desired variant.

IP54

UL 1977

ECOLAB certified

IP55

UL ECBT2

HL3 EN 45545-2

IP64

IEC 61984

RoHS compliant

IP65

IK04

REACH COMPLIANCE

UL TYPE 12

CE

Made in Germany

UL US In progress

UV ISO 4892-2A

Specifications

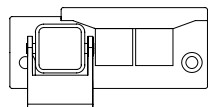
IP rating (EN 60529)	IP54, IP55, IP64, IP65
UL Type (UL 50E)	UL Type 12
Material	Polyamide
Flame class	
Operating temperature	-40 C° to 120 C°
Properties	vibration proof, UV-resistant, halogen free, silicone free, anti-corrosive (V2A versions)

Advantages & benefits

- Space saving through numerous possible combinations of industrial connectors and frame solutions
- Warranty on pre-terminated cables remains
- 3A / 4A connectors and cables can be combined in one frame
- High stability, vibration-proof
- Very easy to assemble
- High flexibility
- Protection IP65 / UL Type 12 (with gasket and correct selection of cable grommets)
- Strain relief according to EN 62444
- CE-compliant and compatible with numerous insert manufacturers

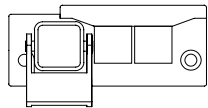
Product types & sizes

MIS-E3|2 KV20



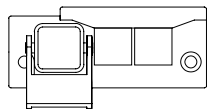
Part No.	55500
EAN	4251269337185
Package quantity	5
For max. no. of cables	4
Max. cable diameter	15 mm
Cable gland	M20 (Ø 6 - 12 mm)
Length	98 mm

Width	40,5 mm
Height	20 mm
Mounting height	119 mm
Cut-out size	65 x 24 mm
No. of screw holes	2
Diam. of screw holes	5,8 mm
Screw material	Mild steel, galvanically zinc plated
Suitable for grommets	2 x KT small

MIS-E3|2 KV20 V2A

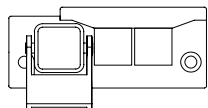
Part No. **55500.200**
 EAN **4251269337253**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M20 (Ø 6 - 12 mm)**
 Length **98 mm**

Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Stainless steel (V2A)**
 Suitable for grommets **2 x KT small**

MIS-E3|2 KV25

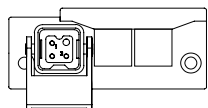
Part No. **55501**
 EAN **4251269337192**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M25 (Ø 13 - 18 mm)**
 Length **98 mm**

Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Mild steel, galvanically zinc plated**
 Suitable for grommets **2 x KT small**

MIS-E3|2 KV25 V2A

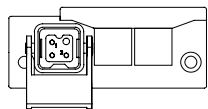
Part No. **55501.200**
 EAN **4251269337291**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M25 (Ø 13 - 18 mm)**
 Length **98 mm**

Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Stainless steel (V2A)**
 Suitable for grommets **2 x KT small**

MIS-E3|2 KV20 3A

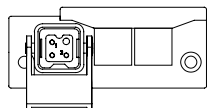
Part No. **55502**
 EAN **4251269337208**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M20 (Ø 6 - 12 mm)**
 Length **98 mm**

Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Mild steel, galvanically zinc plated**
 Suitable for grommets **2 x KT small**

MIS-E3|2 KV20 3A V2A

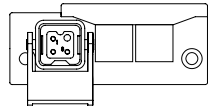
Part No. **55502.200**
 EAN **4251269337338**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M20 (Ø 6 - 12 mm)**
 Length **98 mm**

Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Stainless steel (V2A)**
 Suitable for grommets **2 x KT small**

MIS-E3|2 KV25 3A

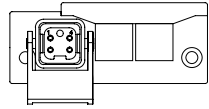
Part No. **55503**
 EAN **4251269337215**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M25 (Ø 13 - 18 mm)**
 Length **98 mm**

Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Mild steel, galvanically zinc plated**
 Suitable for grommets **2 x KT small**

MIS-E3|2 KV25 3A V2A

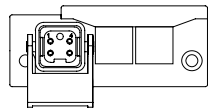
Part No. **55503.200**
 EAN **4251269337376**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M25 (Ø 13 - 18 mm)**
 Length **98 mm**

Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Stainless steel (V2A)**
 Suitable for grommets **2 x KT small**

MIS-E3|2 KV20 4A

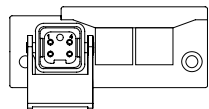
Part No. **55504**
 EAN **4251269337222**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M20 (Ø 6 - 12 mm)**
 Length **98 mm**

Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Mild steel, galvanically zinc plated**
 Suitable for grommets **2 x KT small**

MIS-E3|2 KV20 4A V2A

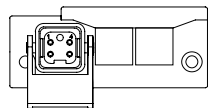
Part No. **55504.200**
 EAN **4251269337413**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M20 (Ø 6 - 12 mm)**
 Length **98 mm**

Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Stainless steel (V2A)**
 Suitable for grommets **2 x KT small**

MIS-E3|2 KV25 4A

Part No. **55505**
 EAN **4251269337239**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M25 (Ø 13 - 18 mm)**
 Length **98 mm**

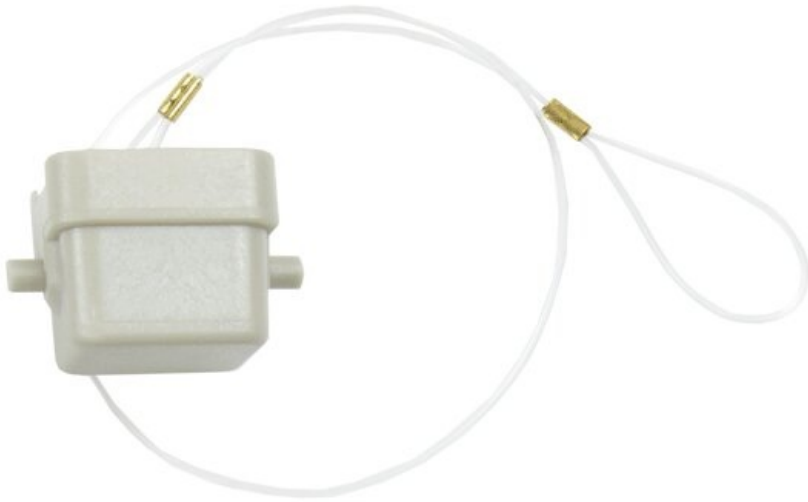
Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Mild steel, galvanically zinc plated**
 Suitable for grommets **2 x KT small**

MIS-E3|2 KV25 4A V2A

Part No. **55505.200**
 EAN **4251269337451**
 Package quantity **5**
 For max. no. of cables **4**
 Max. cable diameter **15 mm**
 Cable gland **M25 (Ø 13 - 18 mm)**
 Length **98 mm**

Width **40,5 mm**
 Height **20 mm**
 Mounting height **119 mm**
 Cut-out size **65 × 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Stainless steel (V2A)**
 Suitable for grommets **2 x KT small**

MIS Protection cover



Part No. **55512**
EAN **4251269337**
246
Package
quantity **5**

MIS Locking element



Part No. **55513**
EAN **4251269337**
567
Package
quantity **5**