

# 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.**



## Specifications

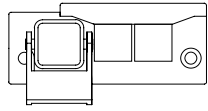
<b>IP rating (EN 60529)</b>	IP54, IP55, IP64, IP65
<b>UL Type (UL 50E)</b>	UL Type 12
<b>Material</b>	Polyamide
<b>Flame class</b>	
<b>Operating temperature</b>	-40 C° to 120 C°
<b>Properties</b>	vibration proof, UV-resistant, halogen free, silicone free, anti-corrosive (V2A versions)

## 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

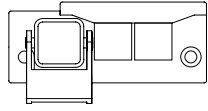
## Product types & sizes

	<b>MIS-E3 2 KV20</b>	Part No.	<b>55500</b>	Width	<b>40,5 mm</b>
		EAN	<b>4251269337185</b>	Height	<b>20 mm</b>
		Package quantity	<b>5</b>	Mounting height	<b>119 mm</b>
		For max. no. of cables	<b>4</b>	Cut-out size	<b>65 x 24 mm</b>
		Max. cable diameter	<b>15 mm</b>	No. of screw holes	<b>2</b>
		Cable gland	<b>M20 (Ø 6 - 12 mm)</b>	Diam. of screw holes	<b>5,8 mm</b>
		Length	<b>98 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
				Suitable for grommets	<b>2 x KT small</b>

**MIS-E3|2 KV20 V2A**

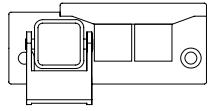
Part No. **55500.200**  
 EAN **4251269337253**  
 Package quantity **5**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Cable gland **M20 (Ø 6 - 12 mm)**  
 Length **98 mm**

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**

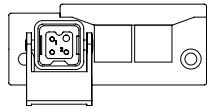
Part No. **55501**  
 EAN **4251269337192**  
 Package quantity **5**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Cable gland **M25 (Ø 13 - 18 mm)**  
 Length **98 mm**

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**

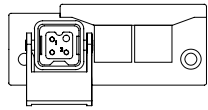
Part No. **55501.200**  
 EAN **4251269337291**  
 Package quantity **5**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Cable gland **M25 (Ø 13 - 18 mm)**  
 Length **98 mm**

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**

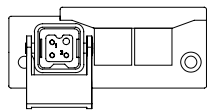
Part No. **55502**  
 EAN **4251269337208**  
 Package quantity **5**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Cable gland **M20 (Ø 6 - 12 mm)**  
 Length **98 mm**

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**

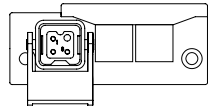
Part No. **55502.200**  
 EAN **4251269337338**  
 Package quantity **5**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Cable gland **M20 (Ø 6 - 12 mm)**  
 Length **98 mm**

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**

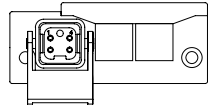
Part No. **55503**  
 EAN **4251269337215**  
 Package quantity **5**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Cable gland **M25 (Ø 13 - 18 mm)**  
 Length **98 mm**

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**

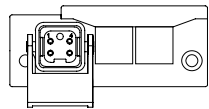
Part No. **55503.200**  
 EAN **4251269337376**  
 Package quantity **5**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Cable gland **M25 (Ø 13 - 18 mm)**  
 Length **98 mm**

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**

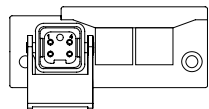
Part No. **55504**  
 EAN **4251269337222**  
 Package quantity **5**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Cable gland **M20 (Ø 6 - 12 mm)**  
 Length **98 mm**

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**

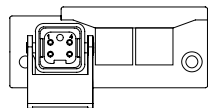
Part No. **55504.200**  
 EAN **4251269337413**  
 Package quantity **5**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Cable gland **M20 (Ø 6 - 12 mm)**  
 Length **98 mm**

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**

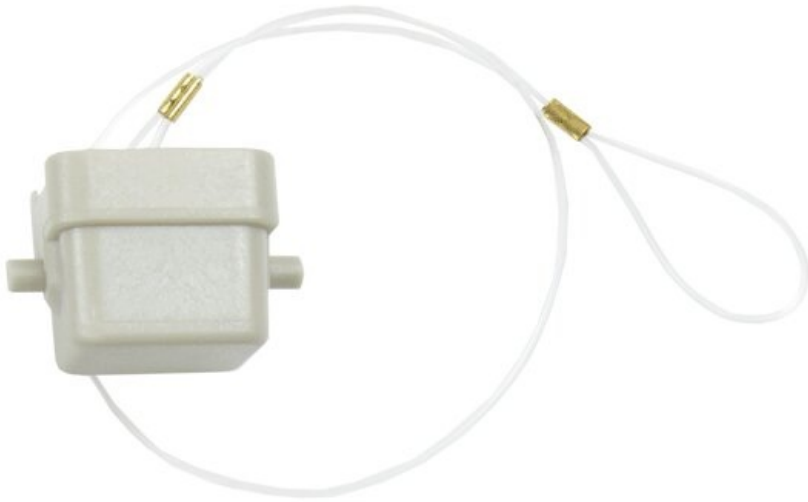
Width **40,5 mm**  
 Height **20 mm**  
 Mounting height **119 mm**  
 Cut-out size **65 × 24 mm**  
 No. of screw holes **2**  
 Diam. of screw holes **5,8 mm**  
 Screw material **Mild steel, galvanically zinc plated**  
 Suitable for grommets **2 x KT small**

**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**