

MIS | Modular Interface System

Split cable entry frame with connection for 3A / 4A connectors / 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	IP55	IP64	IP65	UL TYPE 12	UL US In progress
UL 1977	UL ECBT2	IEC 61984	IK04	CE	ISO 4892-2A
ECOLAB certified	HL3 EN 45545-2	RoHS compliant	REACH COMPLIANCE	Made in Germany	

Specifications

IP rating (EN 60529)	IP54, IP55, IP64, IP65
UL Type (UL 50E)	UL Type 12
Material	Polyamide
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 120 C°
Properties	vibration proof, UV-resistant, halogen free, silicone free, anti-corrosive (V2A versions)

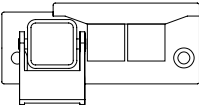
Advantages & benefits

- 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

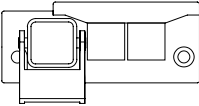
MIS-E3 2 KV20	Part No.	55500	Width	40,5 mm
	EAN	4251269337185	Height	20 mm
	Package quantity	5	Mounting height	119 mm
	For max. no. of cables	4	Cut-out size	65 x 24 mm
	Max. cable diameter	15 mm	No. of screw holes	2
	Cable gland	M20 (Ø 6 - 12 mm)	Diam. of screw holes	5,8 mm
	Length	98 mm	Screw material	Mild steel, galvanically zinc plated
			Version	Without inserts
			Suitable for grommets	2 x KT small

MIS-E3|2 KV20 V2A



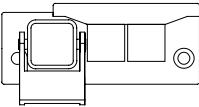
Part No.	55500.200	Width	40,5 mm
EAN	4251269337253	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 × 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M20 (Ø 6 - 12 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stainless steel (V2A)
		Version	Without inserts
		Suitable for grommets	2 x KT small

MIS-E3|2 KV25



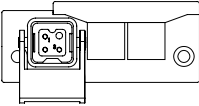
Part No.	55501	Width	40,5 mm
EAN	4251269337192	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 × 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M25 (Ø 13 - 18 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Mild steel, galvanically zinc plated
		Version	Without inserts
		Suitable for grommets	2 x KT small

MIS-E3|2 KV25 V2A



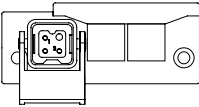
Part No.	55501.200	Width	40,5 mm
EAN	4251269337291	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 × 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M25 (Ø 13 - 18 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stainless steel (V2A)
		Version	Without inserts
		Suitable for grommets	2 x KT small

MIS-E3|2 KV20 3A



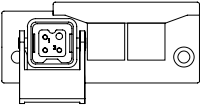
Part No.	55502	Width	40,5 mm
EAN	4251269337208	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 × 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M20 (Ø 6 - 12 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Mild steel, galvanically zinc plated
		Version	With 3A inserts
		Suitable for grommets	2 x KT small

MIS-E3|2 KV20 3A V2A



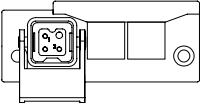
Part No.	55502.200	Width	40,5 mm
EAN	4251269337338	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 × 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M20 (Ø 6 - 12 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stainless steel (V2A)
		Version	With 3A inserts
		Suitable for grommets	2 x KT small

MIS-E3|2 KV25 3A



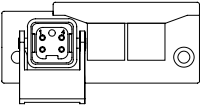
Part No.	55503	Width	40,5 mm
EAN	4251269337215	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 × 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M25 (Ø 13 - 18 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Mild steel, galvanically zinc plated
		Version	With 3A inserts
		Suitable for grommets	2 x KT small

MIS-E3|2 KV25 3A V2A



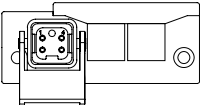
Part No.	55503.200	Width	40,5 mm
EAN	4251269337376	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 × 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M25 (Ø 13 - 18 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stainless steel (V2A)
		Version	With 3A inserts
		Suitable for grommets	2 x KT small

MIS-E3|2 KV20 4A



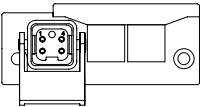
Part No.	55504	Width	40,5 mm
EAN	4251269337222	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 × 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M20 (Ø 6 - 12 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Mild steel, galvanically zinc plated
		Version	With 4A inserts
		Suitable for grommets	2 x KT small

MIS-E3|2 KV20 4A V2A

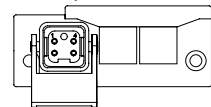


Part No.	55504.200	Width	40,5 mm
EAN	4251269337413	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 × 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M20 (Ø 6 - 12 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stainless steel (V2A)
		Version	With 4A inserts
		Suitable for grommets	2 x KT small

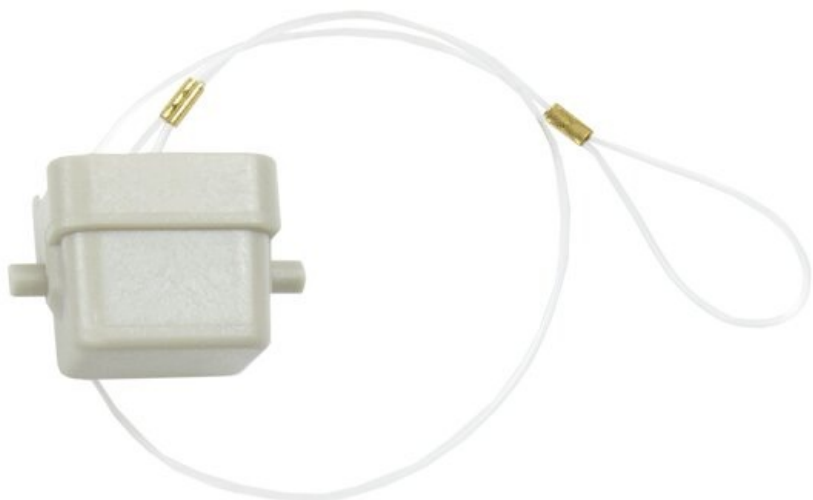
MIS-E3|2 KV25 4A



Part No.	55505	Width	40,5 mm
EAN	4251269337239	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 × 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M25 (Ø 13 - 18 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Mild steel, galvanically zinc plated
		Version	With 4A inserts
		Suitable for grommets	2 x KT small

MIS-E3|2 KV25 4A V2A

Part No.	55505.200	Width	40,5 mm
EAN	4251269337451	Height	20 mm
Package quantity	5	Mounting height	119 mm
For max. no. of cables	4	Cut-out size	65 x 24 mm
Max. cable diameter	15 mm	No. of screw holes	2
Cable gland	M25 (Ø 13 - 18 mm)	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stainless steel (V2A)
		Version	With 4A inserts
		Suitable for grommets	2 x KT small

MIS Protection cover

Part No.	55512
EAN	4251269337246
Package quantity	5

MIS Locking element

Part No.	55513
EAN	4251269337567
Package quantity	5