

KEL-FG-ER | Split flange enclosure

for 90° feed-in of cables with connectors / IP65



IP54



IP55



IP64



IP65



The cable entry frames KEL-FG-ER are suited for installation of cables with connectors and conduits at an angle of 90° to the cabinet, enclosure or machine wall, providing an IP65 rating and strain relief for cable diameters from 1 to 16 mm (single-hole grommets KT 1 - 15) and 13 to 35 mm (single-hole grommets KTG 13 - KT 34).

The KEL-FG-ER-A frame matches exactly the cut-out dimensions for 24-pin standard industrial connectors. The KEL-FG-ER-B is suited for cut-outs 36 × 46 mm.

The single-row versions KEL-FG-ER-E are particularly suited for flat connectors. The small frames are ideal for applications with limited space.

Due to the integrated seal on the flange enclosure, a protection class of up to IP65 is provided. An additional flat rubber gasket is included in the shipment.

It is also possible to integrate threaded bushings. Please ask us about your desired variant.

The version with threaded bushings enables the cable entry frame to be screwed onto the housing from the inside out. This protects against vandalism and tampering with the housing from the outside.

Specifications

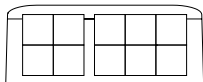
IP rating (EN 60529)	IP54, IP55, IP64, IP65
Material	Polyamide
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 90 C°
Properties	vibration proof, UV-resistant, silicone free, halogen free
Mounting options	Screw type mounting
Mounting height	57,5 mm

Advantages & benefits

- Integrated seal
- Protection class IP65 acc. to EN 60529
- Installation at an angle of 90° to the wall
- Mechanical protection of the cable directly at the place of entry
- Protection against water splashes and drips
- Ideal for cables with connectors (max. Ø 35 mm)
- Strain relief according to EN 62444
- High flexibility when using the IMAS-CONNECT™ system

Product types & sizes

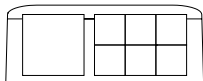
KEL-FG-ER-A10



Part No.	42340
EAN	4251269328787
Package quantity	1
For max. no. of cables	10
Max. cable diameter	16 mm
Length	147 mm
Width	80 mm

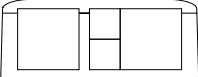
Height	57,5 mm
Mounting height	57,5 mm
Cut-out size	112 × 36 mm
No. of screw holes	4
Diam. of screw holes	5,5 mm
Screw material	Mild steel, galvanically zinc plated
Suitable for grommets	10 x KT small

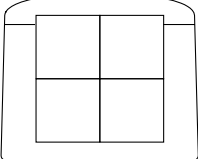
KEL-FG-ER-A7

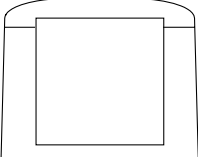


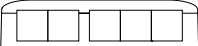
Part No.	42341
EAN	4251269328794
Package quantity	1
For max. no. of cables	7
Max. cable diameter	35 mm
Length	147 mm
Width	80 mm

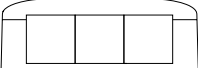
Height	57,5 mm
Mounting height	57,5 mm
Cut-out size	112 × 36 mm
No. of screw holes	4
Diam. of screw holes	5,5 mm
Screw material	Mild steel, galvanically zinc plated
Suitable for grommets	6 x KT small 1 x KT large

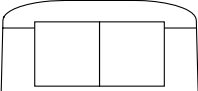
KEL-FG-ER-A4 	Part No.	42342	Height	57,5 mm
	EAN	4251269328800	Mounting height	57,5 mm
	Package quantity	1	Cut-out size	112 x 36 mm
	For max. no. of cables	4	No. of screw holes	4
	Max. cable diameter	35 mm	Diam. of screw holes	5,5 mm
	Length	147 mm	Screw material	Mild steel, galvanically zinc plated
	Width	80 mm	Suitable for grommets	2 x KT small 2 x KT large

KEL-FG-ER-B4 	Part No.	42344	Height	57,5 mm
	EAN	4251269328824	Mounting height	57,5 mm
	Package quantity	1	No. of screw holes	4
	For max. no. of cables	4	Diam. of screw holes	5,5 mm
	Max. cable diameter	16 mm	Screw material	Mild steel, galvanically zinc plated
	Length	79,8 mm	Suitable for grommets	4 x KT small
	Width	80 mm		

KEL-FG-ER-B1 	Part No.	42343	Height	57,5 mm
	EAN	4251269328817	Mounting height	57,5 mm
	Package quantity	1	No. of screw holes	4
	For max. no. of cables	1	Diam. of screw holes	5,5 mm
	Max. cable diameter	35 mm	Screw material	Mild steel, galvanically zinc plated
	Length	79,8 mm	Suitable for grommets	1 x KT large
	Width	80 mm		

KEL-FG-ER-E5 	Part No.	42347	Height	38 mm
	EAN	4251269328855	Mounting height	38 mm
	Package quantity	5	Cut-out size	112 x 24 mm
	For max. no. of cables	5	No. of screw holes	2
	Max. cable diameter	17 mm	Diam. of screw holes	5,5 mm
	Length	147 mm	Screw material	Mild steel, galvanically zinc plated
	Width	53 mm	Suitable for grommets	5 x KT small

KEL-FG-ER-E3 	Part No.	42346	Height	38 mm
	EAN	4251269328848	Mounting height	38 mm
	Package quantity	5	Cut-out size	65 x 24 mm
	For max. no. of cables	3	No. of screw holes	2
	Max. cable diameter	17 mm	Diam. of screw holes	5,5 mm
	Length	100 mm	Screw material	Mild steel, galvanically zinc plated
	Width	53 mm	Suitable for grommets	3 x KT small

KEL-FG-ER-E2 	Part No.	42345	Height	38 mm
	EAN	4251269328831	Mounting height	38 mm
	Package quantity	5	Cut-out size	43 x 24 mm
	For max. no. of cables	2	No. of screw holes	2
	Max. cable diameter	17 mm	Diam. of screw holes	5,5 mm
	Length	73 mm	Screw material	Mild steel, galvanically zinc plated
	Width	53 mm	Suitable for grommets	2 x KT small

