

KEL-FG | Split flange enclosure

for 90° feed-in of cables with connectors / IP54 / UL Type 12



IP54

UL TYPE 12

UL US

DNV

RIFA

HL3
EN 45545-2

EN 61373

ECOLAB
certified

ISO 4892-2A

Made in Germany

RoHS
compliant

REACH
COMPLIANCE

The cable entry frames KEL-FG are suited for installation, sealing and strain relief of cables with connectors and conduits at an angle of 90° to the cabinet, enclosure or machine wall.

The KEL-FG-A frame matches exactly the cut-out dimensions for 24-pin standard industrial connectors. For tool-free assembly / disassembly of the KEL-FG-A the snap mounting frame KEL-SNAP 24 can be used. The KEL-FG-B is suited for cut-outs 36 × 46 mm.

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

A flat rubber gasket is included in the shipment.

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.

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.

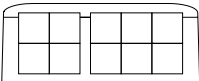
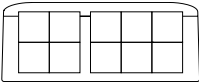
Specifications

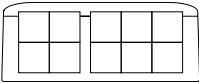
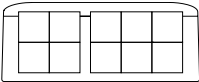
IP rating (EN 60529)	IP54
UL Type (UL 50E)	UL Type 12
Material	Polyamide
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 140 C°
Properties	vibration proof, silicone free, anti-corrosive (V2A versions), halogen free
Mounting options	Screw type mounting, Snap-in with KEL-SNAP
Mounting height	57,5 mm

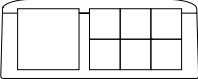
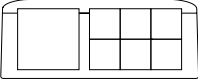
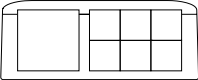
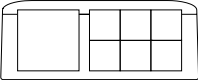
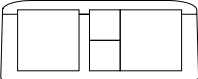
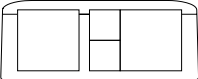
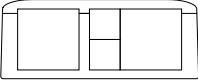
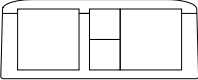
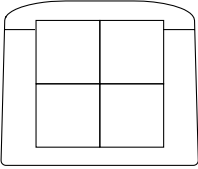
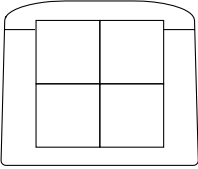
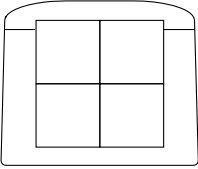
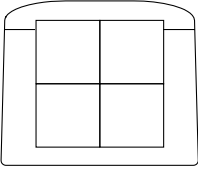
Advantages & benefits

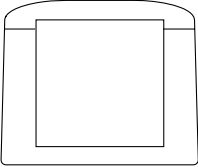
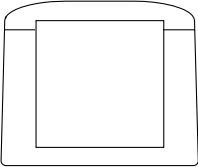
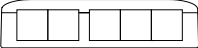
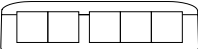
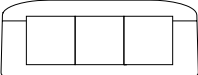
- Installation at an angle of 90° to the wall
- Mechanical protection of the cable directly at the place of entry
- Protection against water spray and drips
- Warranty on pre-terminated cables remains
- Strain relief according to EN 62444
- High stability, vibration resistant
- Space-saving shape
- Greatly increased cable density when using double or quadruple grommets

Product types & sizes

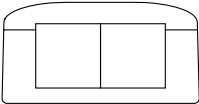
	KEL-FG-A10	Part No.	42320	Height	57,5 mm
		EAN	4251269308437	Mounting height	57,5 mm
		Package quantity	1	Cut-out size	112 × 36 mm
		For max. no. of cables	40	No. of screw holes	4
		Max. cable diameter	17 mm	Diam. of screw holes	5,5 mm
		Length	147 mm	Screw material	Mild steel, galvanically zinc plated
		Width	80 mm	Suitable for grommets	10 x KT small

	KEL-FG-A10 V2A	Part No.	42320.200	Height	57,5 mm
		EAN	4251269308444	Mounting height	57,5 mm
		Package quantity	1	Cut-out size	112 × 36 mm
		For max. no. of cables	40	No. of screw holes	4
		Max. cable diameter	17 mm	Diam. of screw holes	5,5 mm
		Length	147 mm	Screw material	Stainless steel (V2A)
		Width	80 mm	Suitable for grommets	10 x KT small

KEL-FG-A7 	Part No.	42322	Height	57,5 mm
	EAN	4251269308451	Mounting height	57,5 mm
	Package quantity	1	Cut-out size	112 × 36 mm
	For max. no. of cables	25	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	6 x KT small 1 x KT large
KEL-FG-A7 V2A 	Part No.	42322.200	Height	57,5 mm
	EAN	4251269308468	Mounting height	57,5 mm
	Package quantity	1	Cut-out size	112 × 36 mm
	For max. no. of cables	25	No. of screw holes	4
	Max. cable diameter	35 mm	Diam. of screw holes	5,5 mm
	Length	147 mm	Screw material	Stainless steel (V2A)
	Width	80 mm	Suitable for grommets	6 x KT small 1 x KT large
KEL-FG-A4 	Part No.	42324	Height	57,5 mm
	EAN	4251269308475	Mounting height	57,5 mm
	Package quantity	1	Cut-out size	112 × 36 mm
	For max. no. of cables	10	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-A4 V2A 	Part No.	42324.200	Height	57,5 mm
	EAN	4251269308482	Mounting height	57,5 mm
	Package quantity	1	Cut-out size	112 × 36 mm
	For max. no. of cables	10	No. of screw holes	4
	Max. cable diameter	35 mm	Diam. of screw holes	5,5 mm
	Length	147 mm	Screw material	Stainless steel (V2A)
	Width	80 mm	Suitable for grommets	2 x KT small 2 x KT large
KEL-FG-B4 	Part No.	42330	Height	57,5 mm
	EAN	4251269308499	Mounting height	57,5 mm
	Package quantity	1	Cut-out size	36 × 46 mm
	For max. no. of cables	16	No. of screw holes	4
	Max. cable diameter	17 mm	Diam. of screw holes	5,5 mm
	Length	79,8 mm	Screw material	Mild steel, galvanically zinc plated
	Width	80 mm	Suitable for grommets	4 x KT small
KEL-FG-B4 V2A 	Part No.	42330.200	Height	57,5 mm
	EAN	4251269308505	Mounting height	57,5 mm
	Package quantity	1	Cut-out size	36 × 46 mm
	For max. no. of cables	16	No. of screw holes	4
	Max. cable diameter	17 mm	Diam. of screw holes	5,5 mm
	Length	79,8 mm	Screw material	Stainless steel (V2A)
	Width	80 mm	Suitable for grommets	4 x KT small

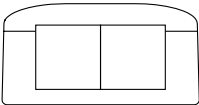
KEL-FG-B1 	Part No.	42332	Height	57,5 mm
	EAN	4251269308512	Mounting height	57,5 mm
	Package quantity	1	Cut-out size	36 × 46 mm
	For max. no. of cables	1	No. of screw holes	4
	Max. cable diameter	35 mm	Diam. of screw holes	5,5 mm
	Length	79,8 mm	Screw material	Mild steel, galvanically zinc plated
	Width	80 mm	Suitable for grommets	1 x KT large
KEL-FG-B1 V2A 	Part No.	42332.200	Height	57,5 mm
	EAN	4251269308529	Mounting height	57,5 mm
	Package quantity	1	Cut-out size	36 × 46 mm
	For max. no. of cables	1	No. of screw holes	4
	Max. cable diameter	35 mm	Diam. of screw holes	5,5 mm
	Length	79,8 mm	Screw material	Stainless steel (V2A)
	Width	80 mm	Suitable for grommets	1 x KT large
KEL-FG-E5 	Part No.	42336	Height	38 mm
	EAN	4251269316623	Mounting height	38 mm
	Package quantity	5	Cut-out size	112 × 24 mm
	For max. no. of cables	20	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-E5 V2A 	Part No.	42336.200	Height	38 mm
	EAN	4251269316647	Mounting height	38 mm
	Package quantity	5	Cut-out size	112 × 24 mm
	For max. no. of cables	20	No. of screw holes	2
	Max. cable diameter	17 mm	Diam. of screw holes	5,5 mm
	Length	147 mm	Screw material	Stainless steel (V2A)
	Width	53 mm	Suitable for grommets	5 x KT small
KEL-FG-E3 	Part No.	42334	Height	38 mm
	EAN	4251269316616	Mounting height	38 mm
	Package quantity	5	Cut-out size	65 × 24 mm
	For max. no. of cables	12	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-E3 V2A 	Part No.	42334.200	Height	38 mm
	EAN	4251269316630	Mounting height	38 mm
	Package quantity	5	Cut-out size	65 × 24 mm
	For max. no. of cables	12	No. of screw holes	2
	Max. cable diameter	17 mm	Diam. of screw holes	5,5 mm
	Length	100 mm	Screw material	Stainless steel (V2A)
	Width	53 mm	Suitable for grommets	3 x KT small

KEL-FG-E2



Part No.	42333	Height	38 mm
EAN	4251269317996	Mounting height	38 mm
Package quantity	5	Cut-out size	43 × 24 mm
For max. no. of cables	8	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

KEL-FG-E2 V2A



Part No.	42333.200	Height	38 mm
EAN	4251269318009	Mounting height	38 mm
Package quantity	5	Cut-out size	43 × 24 mm
For max. no. of cables	8	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,5 mm
Length	73 mm	Screw material	Stainless steel (V2A)
Width	53 mm	Suitable for grommets	2 x KT small