

KEL-FL

Cable entry frames for flat cables



IP54



1.11

Product description

The KEL-FL range enables simple, fast and flexible cable routing and sealing of flat wires, e.g. in lift construction.

Innovative construction of the grommets compensates for manufacturing inconsistencies in flat cables. Split KT grommets can be utilised to additionally route round cables with connectors. A flat rubber gasket is included in the shipment.

Advantages & benefits

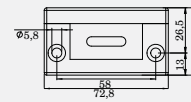
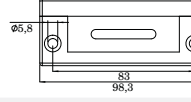
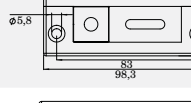
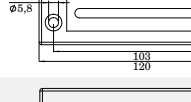
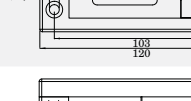
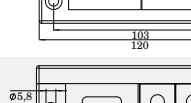
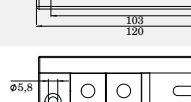
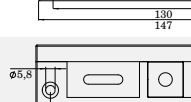
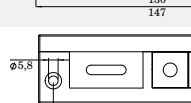
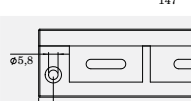
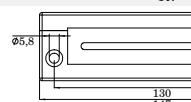

- Routing of flat cables in combination with pre-terminated round cables by using a single KEL-FL cable entry frame
- Space saving shape

Specifications

Material	Polyamide (PA)
Flame class	UL94-Vo, self-extinguishing
IP rating	IP54, with gasket and correct selection of the cable grommets
Temperature	- 40°C to + 140°C (static)
Properties	Halogen-free, silicone-free
Drilling template	See Page 218 - 219
Frame depth	17 mm

Accessories







KT Cable grommets, small	48 - 49
KTMB/KT-DPF Cable grommets, small	51
FT Cable grommets, flat	33
KEL-EMC Cable collectors	138 - 140
ST Plugs	53

Description	Type	Order No.	Cut-out [mm]	Grommets KT FT	PU
	KEL-FL A	46100	43 × 24	0 × KT 1 × FT-1	10
	KEL-FL B	46105	65 × 24	0 × KT 1 × FT-2	10
	KEL-FL C	46110	65 × 24	1 × KT 1 × FT-1	10
	KEL-FL D	46115	86 × 24	0 × KT 1 × FT-3	10
	KEL-FL E	46120	86 × 24	1 × KT 1 × FT-2	10
	KEL-FL F	46125	86 × 24	0 × KT 2 × FT-1	10
	KEL-FL G	46130	86 × 24	2 × KT 1 × FT-1	10
	KEL-FL H	46135	112 × 24	2 × KT 1 × FT-2	10
	KEL-FL I	46140	112 × 24	1 × KT 2 × FT-1	10
	KEL-FL J	46145	112 × 24	3 × KT 1 × FT-1	10
	KEL-FL K	46150	112 × 24	1 × FT-1 1 × FT-2	10
	KEL-FL L	46155	112 × 24	1 × FT-4	10

FT Grommets for flat cables



1.11

Description	Type	Order No.	Clamping range	PU
	FT-1 0	46201	Blank grommet	5
	FT-1 A	46210	Width: 19 - 23 mm Thickness: 5.5 - 6 mm	5
	FT-1 B	46211	Width: 28 - 33 mm Thickness: 5.5 - 6 mm	5
	FT-1 C	46212	Width: 24 - 30 mm Thickness: 8.5 - 9 mm	5
	FT-1 E	46214	Width: 19 - 24 mm Thickness: 6.5 - 7 mm	5
	FT-1 F	46215	Width: 28 - 33 mm Thickness: 9 - 9.5 mm	5
	FT-2 0	46202	Blank grommet	5
	FT-2 A	46250	Width: 32.5 - 38 mm Thickness: 5 - 5.5 mm	5
	FT-2 B	46251	Width: 45 - 50.5 mm Thickness: 6 - 6.5 mm	5
	FT-2 C	46252	Width: 47 - 52 mm Thickness: 9.5 - 10 mm	5
	FT-2 F	46255	Width: 38 - 43 mm Thickness: 12.5 - 13 mm	5
	FT-2 G	46256	Width: 49 - 54 mm Thickness: 5 - 6 mm	5
	FT-3 0	46203	Blank grommet	5
	FT-3 A	46300	Width: 72 - 77 mm Thickness: 5 - 5.5 mm	5
	FT-4 0	46204	Blank grommet	5
	FT-4 A	46330	Width: 85 - 99 mm Thickness: 4.2 - 5.2 mm	5

Product description

FT grommets are used to route flat cables, e.g. in lift construction. Suitable for cable entry frames KEL-FL.

Innovative construction of the grommets compensates for manufacturing inconsistencies in flat cables.

Advantages & benefits

- Routing of flat cables with various dimensions

Specifications

Material	Elastomer
Flame class	UL94-V0, self-extinguishing
IP rating	IP54
Temperature	- 40°C to + 90°C (static)
Properties	Halogen-free, silicone-free

Compatible with

KEL-FL Cable entry frames 32