

KEL-U split cable entry frames

for cables with connectors / IP54 / UL Type 12



IP54

REACH COMPLIANCE

UL TYPE 12

Made in Germany

ECOLAB certified

ISO 4892-2A

PNEUMATICS

RoHS compliant

Split cable entry system for routing cables with connectors providing an IP54 / UL Type 12 rating. Routing, sealing and providing strain relief for cable diameters from 1 to 35 mm.

The cable entry system is easy to install. Cable grommets are placed into compartments and are securely fixed to the frame during assembly.

The KEL-U frames match exactly the cut-out dimensions for 10-, 16- and 24-pin standard industrial connectors. Either a cut-out of 36 mm or 46 mm in height can be chosen depending on the cables being routed. The KEL-U-B frame matches the cut-out dimensions of 46 x 46 mm measuring instruments.

For tool-free assembly / disassembly of the cable entry frames the snap mounting frame KEL-SNAP can be used.

The single-row versions KELE 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.

Specifications

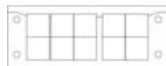
IP rating (EN 60529)	IP54
UL Type (UL 50E)	UL Type 12
Material	Polyamide
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 140 C°
Properties	vibration proof, UV-resistant, silicone free, anti-corrosive (V2A versions), halogen free
Mounting options	Snap-in with KEL-SNAP,Screw type mounting
Mounting height	17 mm

Advantages & benefits

- Fast and easy assembly
- Warranty on pre-terminated cables remains
- Retrofits, repairs and maintenance can be done much more easily and quickly
- High cable density, wide variety of grommets
- 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

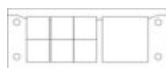
KEL-U 24 10	Part No.	54241	Height	17 mm
	EAN	4251269315725	Mounting height	17 mm
	PU	10	Cut-out size	112 x 36 mm
	For max. no. of cables	40	No. of screw holes	4
	Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
	Length	147 mm	Screw material	Stahl, galvanisch verzinkt
	Width	58 mm	Suitable for grommets	10 x KT small

KEL-U 24|10 V2A

Part No.	54241.200	Height	17 mm
EAN	4251269315732	Mounting height	17 mm
PU	10	Cut-out size	112 x 36 mm
For max. no. of cables	40	No. of screw holes	4
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	147 mm	Screw material	Edelstahl V2A
Width	58 mm	Suitable for grommets	10 x KT small

KEL-U 24|7

Part No.	54247	Height	17 mm
EAN	4251269315763	Mounting height	17 mm
PU	10	Cut-out size	112 x 36 mm
For max. no. of cables	25	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	147 mm	Screw material	Stahl, galvanisch verzinkt
Width	58 mm	Suitable for grommets	6 x KT small 1 x KT large

KEL-U 24|7 V2A

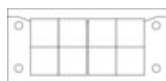
Part No.	54247.200	Height	17 mm
EAN	4251269315770	Mounting height	17 mm
PU	10	Cut-out size	112 x 36 mm
For max. no. of cables	25	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	147 mm	Screw material	Edelstahl V2A
Width	58 mm	Suitable for grommets	6 x KT small 1 x KT large

KEL-U 24|4

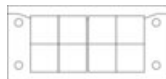
Part No.	54244	Height	17 mm
EAN	4251269315749	Mounting height	17 mm
PU	10	Cut-out size	112 x 36 mm
For max. no. of cables	6	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	147 mm	Screw material	Stahl, galvanisch verzinkt
Width	58 mm	Suitable for grommets	2 x KT small 2 x KT large

KEL-U 24|4 V2A

Part No.	54244.200	Height	17 mm
EAN	4251269315756	Mounting height	17 mm
PU	10	Cut-out size	112 x 36 mm
For max. no. of cables	6	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	147 mm	Screw material	Edelstahl V2A
Width	58 mm	Suitable for grommets	2 x KT small 2 x KT large

KEL-U 16|8

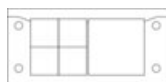
Part No.	54168	Height	17 mm
EAN	4251269315626	Mounting height	17 mm
PU	10	Cut-out size	86 x 36 mm
For max. no. of cables	32	No. of screw holes	4
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	120 mm	Screw material	Stahl, galvanisch verzinkt
Width	58 mm	Suitable for grommets	8 x KT small

KEL-U 16|8 V2A

Part No.	54168.200	Height	17 mm
EAN	4251269315633	Mounting height	17 mm
PU	10	Cut-out size	86 × 36 mm
For max. no. of cables	32	No. of screw holes	4
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	120 mm	Screw material	Edelstahl V2A
Width	58 mm	Suitable for grommets	8 x KT small

KEL-U 16|5

Part No.	54165	Height	17 mm
EAN	4251269315602	Mounting height	17 mm
PU	10	Cut-out size	86 × 36 mm
For max. no. of cables	17	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	120 mm	Screw material	Stahl, galvanisch verzinkt
Width	58 mm	Suitable for grommets	4 x KT small 1 x KT large

KEL-U 16|5 V2A

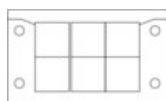
Part No.	54165.200	Height	17 mm
EAN	4251269315619	Mounting height	17 mm
PU	10	Cut-out size	86 × 36 mm
For max. no. of cables	17	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	120 mm	Screw material	Edelstahl V2A
Width	58 mm	Suitable for grommets	4 x KT small 1 x KT large

KEL-U 16|2

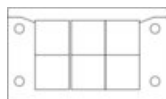
Part No.	54162	Height	17 mm
EAN	4251269315589	Mounting height	17 mm
PU	10	Cut-out size	86 × 36 mm
For max. no. of cables	2	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	120 mm	Screw material	Stahl, galvanisch verzinkt
Width	58 mm	Suitable for grommets	2 x KT large

KEL-U 16|2 V2A

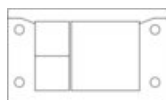
Part No.	54162.200	Height	17 mm
EAN	4251269315596	Mounting height	17 mm
PU	10	Cut-out size	86 × 36 mm
For max. no. of cables	2	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	120 mm	Screw material	Edelstahl V2A
Width	58 mm	Suitable for grommets	2 x KT large

KEL-U 10|6

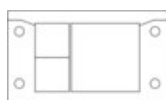
Part No.	54216	Height	17 mm
EAN	4251269315701	Mounting height	17 mm
PU	10	Cut-out size	65 × 36 mm
For max. no. of cables	24	No. of screw holes	4
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stahl, galvanisch verzinkt
Width	58 mm	Suitable for grommets	6 x KT small

KEL-U 10|6 V2A

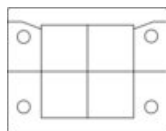
Part No.	54216.200	Height	17 mm
EAN	4251269315718	Mounting height	17 mm
PU	10	Cut-out size	65 × 36 mm
For max. no. of cables	24	No. of screw holes	4
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Edelstahl V2A
Width	58 mm	Suitable for grommets	6 x KT small

KEL-U 10|3

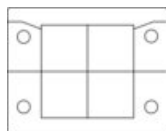
Part No.	54212	Height	17 mm
EAN	4251269315688	Mounting height	17 mm
PU	10	Cut-out size	65 × 36 mm
For max. no. of cables	9	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stahl, galvanisch verzinkt
Width	58 mm	Suitable for grommets	2 x KT small 1 x KT large

KEL-U 10|3 V2A

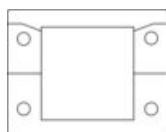
Part No.	54212.200	Height	17 mm
EAN	4251269315695	Mounting height	17 mm
PU	10	Cut-out size	65 × 36 mm
For max. no. of cables	9	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Edelstahl V2A
Width	58 mm	Suitable for grommets	2 x KT small 1 x KT large

KEL-U-B4

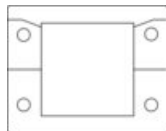
Part No.	54204	Height	17 mm
EAN	4251269315640	Mounting height	17 mm
PU	10	Cut-out size	46 × 46 mm
For max. no. of cables	16	No. of screw holes	4
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	73 mm	Screw material	Stahl, galvanisch verzinkt
Width	58 mm	Suitable for grommets	4 x KT small

KEL-U-B4 V2A

Part No.	54204.200	Height	17 mm
EAN	4251269315657	Mounting height	17 mm
PU	10	Cut-out size	46 × 46 mm
For max. no. of cables	16	No. of screw holes	4
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	73 mm	Screw material	Edelstahl V2A
Width	58 mm	Suitable for grommets	4 x KT small

KEL-U-B1

Part No.	54206	Height	17 mm
EAN	4251269315664	Mounting height	17 mm
PU	10	Cut-out size	46 × 46 mm
For max. no. of cables	1	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	73 mm	Screw material	Stahl, galvanisch verzinkt
Width	58 mm	Suitable for grommets	1 x KT large

KEL-U-B1 V2A

Part No.	54206.200	Height	17 mm
EAN	4251269315671	Mounting height	17 mm
PU	10	Cut-out size	46 × 46 mm
For max. no. of cables	1	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	73 mm	Screw material	Edelstahl V2A
Width	58 mm	Suitable for grommets	1 x KT large

KEL-E5

Part No.	42250	Height	17 mm
EAN	4251269308376	Mounting height	17 mm
PU	10	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	5,8 mm
Length	147 mm	Screw material	Stahl, galvanisch verzinkt
Width	39 mm	Suitable for grommets	5 x KT small

KEL-E5 V2A

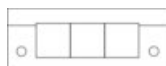
Part No.	42250.200	Height	17 mm
EAN	4251269308383	Mounting height	17 mm
PU	10	Cut-out size	112 × 24 mm
For max. no. of cables	20	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	147 mm	Screw material	Edelstahl V2A
Width	39 mm	Suitable for grommets	5 x KT small

KEL-E4

Part No.	42259	Height	17 mm
EAN	4251269308413	Mounting height	17 mm
PU	10	Cut-out size	86 × 24 mm
For max. no. of cables	16	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	120 mm	Screw material	Stahl, galvanisch verzinkt
Width	39 mm	Suitable for grommets	4 x KT small

KEL-E4 V2A

Part No.	42259.200	Height	17 mm
EAN	4251269308420	Mounting height	17 mm
PU	10	Cut-out size	86 × 24 mm
For max. no. of cables	16	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	120 mm	Screw material	Edelstahl V2A
Width	39 mm	Suitable for grommets	4 x KT small

KEL-E3

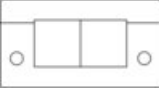
Part No.	42258	Height	17 mm
EAN	4251269308390	Mounting height	17 mm
PU	10	Cut-out size	65 × 24 mm
For max. no. of cables	12	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stahl, galvanisch verzinkt
Width	39 mm	Suitable for grommets	3 x KT small

KEL-E3 V2A



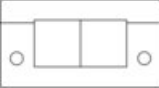
Part No.	42258.200	Height	17 mm
EAN	4251269308406	Mounting height	17 mm
PU	10	Cut-out size	65 × 24 mm
For max. no. of cables	12	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Edelstahl V2A
Width	39 mm	Suitable for grommets	3 x KT small

KEL-E2



Part No.	42249	Height	17 mm
EAN	4251269308352	Mounting height	17 mm
PU	10	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	5,8 mm
Length	73 mm	Screw material	Stahl, galvanisch verzinkt
Width	39 mm	Suitable for grommets	2 x KT small

KEL-E2 V2A



Part No.	42249.200	Height	17 mm
EAN	4251269308369	Mounting height	17 mm
PU	10	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	5,8 mm
Length	73 mm	Screw material	Edelstahl V2A
Width	39 mm	Suitable for grommets	2 x KT small