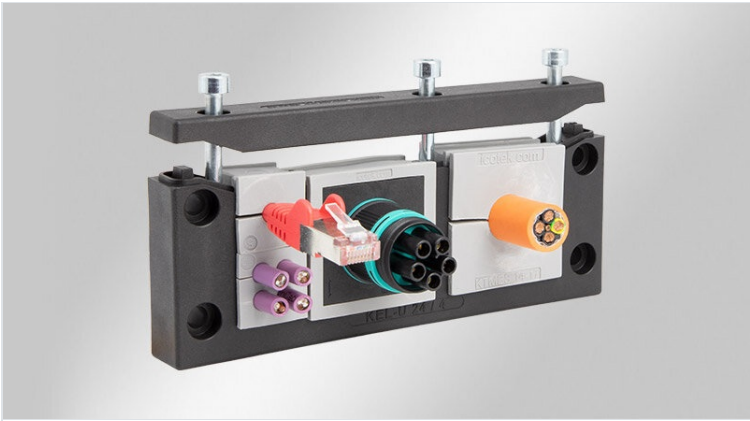


# KEL-U | KEL-E | Split cable entry frames

for cables with connectors / IP54 / UL Type 12



IP54

ECOLAB  
certified

UL TYPE  
12

UV  
ISO 4892-2A

C<sub>RU</sub>US

Made in  
Germany

RIHA

RoHS  
compliant

HL3  
EN 45545-2

REACH  
COMPLIANCE

EN 61373

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 × 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 KEL-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, UV-resistant, silicone free, anti-corrosive (V2A versions), halogen free
Mounting options	Snap-in with KEL-SNAP,Screw type mounting
Mounting height	17 mm

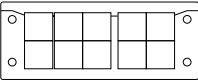
## Advantages & benefits

- 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

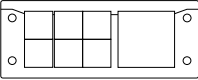
KEL-U 24 10	Part No.	54241	Height	17 mm
	EAN	4251269315725	Mounting height	17 mm
	Package quantity	10	Cut-out size	112 × 36 mm
	For max. no. of cables	40	No. of screw holes	4
	Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
	Length	147 mm	Screw material	Mild steel, galvanically zinc plated
	Width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

KEL-U 24|10 V2A



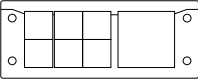
Part No.	<b>54241.200</b>	Height	<b>17 mm</b>
EAN	<b>4251269315732</b>	Mounting height	<b>17 mm</b>
Package quantity	<b>10</b>	Cut-out size	<b>112 × 36 mm</b>
For max. no. of cables	<b>40</b>	No. of screw holes	<b>4</b>
Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
Width	<b>58 mm</b>	Suitable for grommets	<b>10 x KT small</b>

KEL-U 24|7



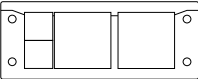
Part No.	<b>54247</b>	Height	<b>17 mm</b>
EAN	<b>4251269315763</b>	Mounting height	<b>17 mm</b>
Package quantity	<b>10</b>	Cut-out size	<b>112 × 36 mm</b>
For max. no. of cables	<b>25</b>	No. of screw holes	<b>4</b>
Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
Width	<b>58 mm</b>	Suitable for grommets	<b>6 x KT small 1 x KT large</b>

KEL-U 24|7 V2A



Part No.	<b>54247.200</b>	Height	<b>17 mm</b>
EAN	<b>4251269315770</b>	Mounting height	<b>17 mm</b>
Package quantity	<b>10</b>	Cut-out size	<b>112 × 36 mm</b>
For max. no. of cables	<b>25</b>	No. of screw holes	<b>4</b>
Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
Width	<b>58 mm</b>	Suitable for grommets	<b>6 x KT small 1 x KT large</b>

KEL-U 24|4



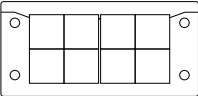
Part No.	<b>54244</b>	Height	<b>17 mm</b>
EAN	<b>4251269315749</b>	Mounting height	<b>17 mm</b>
Package quantity	<b>10</b>	Cut-out size	<b>112 × 36 mm</b>
For max. no. of cables	<b>6</b>	No. of screw holes	<b>4</b>
Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
Width	<b>58 mm</b>	Suitable for grommets	<b>2 x KT small 2 x KT large</b>

KEL-U 24|4 V2A

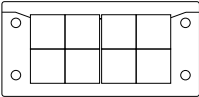
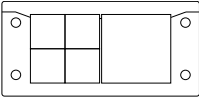
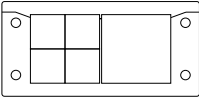
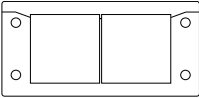
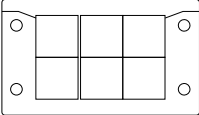


Part No.	<b>54244.200</b>	Height	<b>17 mm</b>
EAN	<b>4251269315756</b>	Mounting height	<b>17 mm</b>
Package quantity	<b>10</b>	Cut-out size	<b>112 × 36 mm</b>
For max. no. of cables	<b>6</b>	No. of screw holes	<b>4</b>
Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
Width	<b>58 mm</b>	Suitable for grommets	<b>2 x KT small 2 x KT large</b>

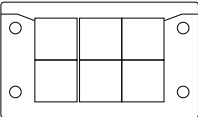
KEL-U 16|8



Part No.	<b>54168</b>	Height	<b>17 mm</b>
EAN	<b>4251269315626</b>	Mounting height	<b>17 mm</b>
Package quantity	<b>10</b>	Cut-out size	<b>86 × 36 mm</b>
For max. no. of cables	<b>32</b>	No. of screw holes	<b>4</b>
Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>120 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
Width	<b>58 mm</b>	Suitable for grommets	<b>8 x KT small</b>

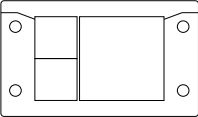
<b>KEL-U 16 8 V2A</b> 	Part No.	<b>54168.200</b>	Height	<b>17 mm</b>
	EAN	<b>4251269315633</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>86 × 36 mm</b>
	For max. no. of cables	<b>32</b>	No. of screw holes	<b>4</b>
	Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>120 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
	Width	<b>58 mm</b>	Suitable for grommets	<b>8 x KT small</b>
<b>KEL-U 16 5</b> 	Part No.	<b>54165</b>	Height	<b>17 mm</b>
	EAN	<b>4251269315602</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>86 × 36 mm</b>
	For max. no. of cables	<b>17</b>	No. of screw holes	<b>4</b>
	Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>120 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
	Width	<b>58 mm</b>	Suitable for grommets	<b>4 x KT small 1 x KT large</b>
<b>KEL-U 16 5 V2A</b> 	Part No.	<b>54165.200</b>	Height	<b>17 mm</b>
	EAN	<b>4251269315619</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>86 × 36 mm</b>
	For max. no. of cables	<b>17</b>	No. of screw holes	<b>4</b>
	Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>120 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
	Width	<b>58 mm</b>	Suitable for grommets	<b>4 x KT small 1 x KT large</b>
<b>KEL-U 16 2</b> 	Part No.	<b>54162</b>	Height	<b>17 mm</b>
	EAN	<b>4251269315589</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>86 × 36 mm</b>
	For max. no. of cables	<b>2</b>	No. of screw holes	<b>4</b>
	Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>120 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
	Width	<b>58 mm</b>	Suitable for grommets	<b>2 x KT large</b>
<b>KEL-U 16 2 V2A</b> 	Part No.	<b>54162.200</b>	Height	<b>17 mm</b>
	EAN	<b>4251269315596</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>86 × 36 mm</b>
	For max. no. of cables	<b>2</b>	No. of screw holes	<b>4</b>
	Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>120 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
	Width	<b>58 mm</b>	Suitable for grommets	<b>2 x KT large</b>
<b>KEL-U 10 6</b> 	Part No.	<b>54216</b>	Height	<b>17 mm</b>
	EAN	<b>4251269315701</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>65 × 36 mm</b>
	For max. no. of cables	<b>24</b>	No. of screw holes	<b>4</b>
	Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>98 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
	Width	<b>58 mm</b>	Suitable for grommets	<b>6 x KT small</b>

KEL-U 10|6 V2A



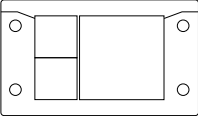
Part No.	54216.200	Height	17 mm
EAN	4251269315718	Mounting height	17 mm
Package quantity	10	Cut-out size	65 × 36 mm
For max. no. of cables	24	No. of screw holes	4
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stainless steel (V2A)
Width	58 mm	Suitable for grommets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

KEL-U 10|3



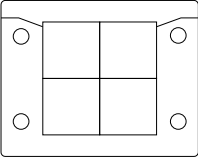
Part No.	54212	Height	17 mm
EAN	4251269315688	Mounting height	17 mm
Package quantity	10	Cut-out size	65 × 36 mm
For max. no. of cables	9	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Mild steel, galvanically zinc plated
Width	58 mm	Suitable for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

KEL-U 10|3 V2A



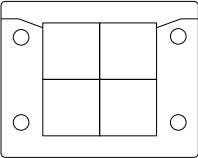
Part No.	54212.200	Height	17 mm
EAN	4251269315695	Mounting height	17 mm
Package quantity	10	Cut-out size	65 × 36 mm
For max. no. of cables	9	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stainless steel (V2A)
Width	58 mm	Suitable for grommets	2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

KEL-U-B4



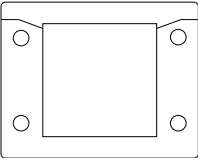
Part No.	54204	Height	17 mm
EAN	4251269315640	Mounting height	17 mm
Package quantity	10	Cut-out size	46 × 46 mm
For max. no. of cables	16	No. of screw holes	4
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	73 mm	Screw material	Mild steel, galvanically zinc plated
Width	58 mm	Suitable for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

KEL-U-B4 V2A

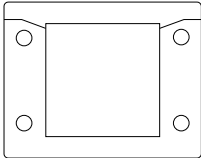


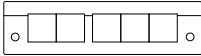
Part No.	54204.200	Height	17 mm
EAN	4251269315657	Mounting height	17 mm
Package quantity	10	Cut-out size	46 × 46 mm
For max. no. of cables	16	No. of screw holes	4
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	73 mm	Screw material	Stainless steel (V2A)
Width	58 mm	Suitable for grommets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

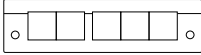
KEL-U-B1

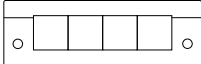


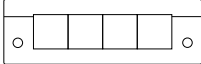
Part No.	54206	Height	17 mm
EAN	4251269315664	Mounting height	17 mm
Package quantity	10	Cut-out size	46 × 46 mm
For max. no. of cables	1	No. of screw holes	4
Max. cable diameter	35 mm	Diam. of screw holes	5,8 mm
Length	73 mm	Screw material	Mild steel, galvanically zinc plated
Width	58 mm	Suitable for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

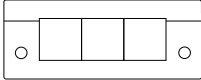
<b>KEL-U-B1 V2A</b> 	Part No.	<b>54206.200</b>	Height	<b>17 mm</b>
	EAN	<b>4251269315671</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>46 × 46 mm</b>
	For max. no. of cables	<b>1</b>	No. of screw holes	<b>4</b>
	Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>73 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
	Width	<b>58 mm</b>	Suitable for grommets	<b>1 x KT large</b>

<b>KEL-E5</b> 	Part No.	<b>42250</b>	Height	<b>17 mm</b>
	EAN	<b>4251269308376</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>112 × 24 mm</b>
	For max. no. of cables	<b>20</b>	No. of screw holes	<b>2</b>
	Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>147 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
	Width	<b>39 mm</b>	Suitable for grommets	<b>5 x KT small</b>

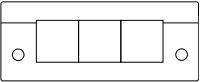
<b>KEL-E5 V2A</b> 	Part No.	<b>42250.200</b>	Height	<b>17 mm</b>
	EAN	<b>4251269308383</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>112 × 24 mm</b>
	For max. no. of cables	<b>20</b>	No. of screw holes	<b>2</b>
	Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>147 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
	Width	<b>39 mm</b>	Suitable for grommets	<b>5 x KT small</b>

<b>KEL-E4</b> 	Part No.	<b>42259</b>	Height	<b>17 mm</b>
	EAN	<b>4251269308413</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>86 × 24 mm</b>
	For max. no. of cables	<b>16</b>	No. of screw holes	<b>2</b>
	Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>120 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
	Width	<b>39 mm</b>	Suitable for grommets	<b>4 x KT small</b>

<b>KEL-E4 V2A</b> 	Part No.	<b>42259.200</b>	Height	<b>17 mm</b>
	EAN	<b>4251269308420</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>86 × 24 mm</b>
	For max. no. of cables	<b>16</b>	No. of screw holes	<b>2</b>
	Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>120 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
	Width	<b>39 mm</b>	Suitable for grommets	<b>4 x KT small</b>

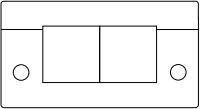
<b>KEL-E3</b> 	Part No.	<b>42258</b>	Height	<b>17 mm</b>
	EAN	<b>4251269308390</b>	Mounting height	<b>17 mm</b>
	Package quantity	<b>10</b>	Cut-out size	<b>65 × 24 mm</b>
	For max. no. of cables	<b>12</b>	No. of screw holes	<b>2</b>
	Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,8 mm</b>
	Length	<b>98 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
	Width	<b>39 mm</b>	Suitable for grommets	<b>3 x KT small</b>

KEL-E3 V2A



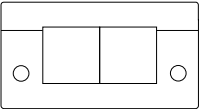
Part No.	42258.200	Height	17 mm
EAN	4251269308406	Mounting height	17 mm
Package quantity	10	Cut-out size	65 × 24 mm
For max. no. of cables	12	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	98 mm	Screw material	Stainless steel (V2A)
Width	39 mm	Suitable for grommets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

KEL-E2



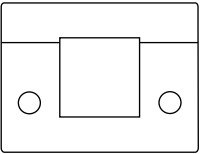
Part No.	42249	Height	17 mm
EAN	4251269308352	Mounting height	17 mm
Package quantity	10	Cut-out size	43 × 24 mm
For max. no. of cables	8	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	73 mm	Screw material	Mild steel, galvanically zinc plated
Width	39 mm	Suitable for grommets	2 x KT small

KEL-E2 V2A



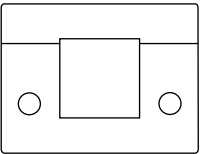
Part No.	42249.200	Height	17 mm
EAN	4251269308369	Mounting height	17 mm
Package quantity	10	Cut-out size	43 × 24 mm
For max. no. of cables	8	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	73 mm	Screw material	Stainless steel (V2A)
Width	39 mm	Suitable for grommets	2 x KT small

KEL-E1



Part No.	42261	Height	17 mm
EAN	4251269332500	Mounting height	17 mm
Package quantity	10	Cut-out size	21 × 27 mm
For max. no. of cables	4	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	52 mm	Screw material	Mild steel, galvanically zinc plated
Width	39 mm	Suitable for grommets	1 x KT small

KEL-E1 V2A



Part No.	42261.200	Height	17 mm
EAN	4251269333286	Mounting height	17 mm
Package quantity	10	Cut-out size	21 × 27 mm
For max. no. of cables	4	No. of screw holes	2
Max. cable diameter	17 mm	Diam. of screw holes	5,8 mm
Length	52 mm	Screw material	Stainless steel (V2A)
Width	39 mm	Suitable for grommets	1 x KT small