

# KEL-FG | Split flange enclosure

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



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

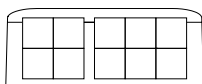
<b>IP rating (EN 60529)</b>	IP54
<b>UL Type (UL 50E)</b>	UL Type 12
<b>Material</b>	Polyamide
<b>Flame class</b>	UL94-V0, self-extinguishing
<b>Operating temperature</b>	-40 C° to 140 C°
<b>Properties</b>	vibration proof, silicone free, anti-corrosive (V2A versions), halogen free
<b>Mounting options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

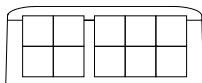
### KEL-FG-A10



Part No.	<b>42320</b>
EAN	<b>4251269308437</b>
Package quantity	<b>1</b>
For max. no. of cables	<b>40</b>
Max. cable diameter	<b>17 mm</b>
Length	<b>147 mm</b>
Width	<b>80 mm</b>

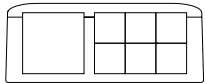
Height	<b>57,5 mm</b>
Mounting height	<b>57,5 mm</b>
Cut-out size	<b>112 × 36 mm</b>
No. of screw holes	<b>4</b>
Diam. of screw holes	<b>5,5 mm</b>
Screw material	<b>Mild steel, galvanically zinc plated</b>
Suitable for grommets	<b>10 x KT small</b>

### KEL-FG-A10 V2A



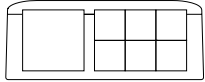
Part No.	<b>42320.200</b>
EAN	<b>4251269308444</b>
Package quantity	<b>1</b>
For max. no. of cables	<b>40</b>
Max. cable diameter	<b>17 mm</b>
Length	<b>147 mm</b>
Width	<b>80 mm</b>

Height	<b>57,5 mm</b>
Mounting height	<b>57,5 mm</b>
Cut-out size	<b>112 × 36 mm</b>
No. of screw holes	<b>4</b>
Diam. of screw holes	<b>5,5 mm</b>
Screw material	<b>Stainless steel (V2A)</b>
Suitable for grommets	<b>10 x KT small</b>

**KEL-FG-A7**

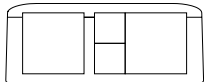
Part No. **42322**  
 EAN **4251269308451**  
 Package quantity **1**  
 For max. no. of cables **25**  
 Max. cable diameter **35 mm**  
 Length **147 mm**  
 Width **80 mm**

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-A7 V2A**

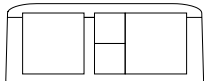
Part No. **42322.200**  
 EAN **4251269308468**  
 Package quantity **1**  
 For max. no. of cables **25**  
 Max. cable diameter **35 mm**  
 Length **147 mm**  
 Width **80 mm**

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 **Stainless steel (V2A)**  
 Suitable for grommets **6 x KT small**  
**1 x KT large**

**KEL-FG-A4**

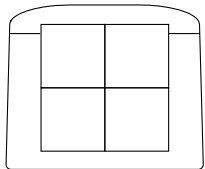
Part No. **42324**  
 EAN **4251269308475**  
 Package quantity **1**  
 For max. no. of cables **10**  
 Max. cable diameter **35 mm**  
 Length **147 mm**  
 Width **80 mm**

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 **2 x KT small**  
**2 x KT large**

**KEL-FG-A4 V2A**

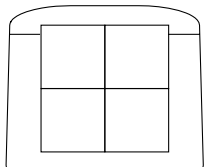
Part No. **42324.200**  
 EAN **4251269308482**  
 Package quantity **1**  
 For max. no. of cables **10**  
 Max. cable diameter **35 mm**  
 Length **147 mm**  
 Width **80 mm**

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 **Stainless steel (V2A)**  
 Suitable for grommets **2 x KT small**  
**2 x KT large**

**KEL-FG-B4**

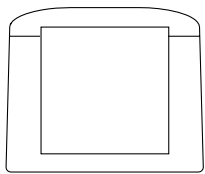
Part No. **42330**  
 EAN **4251269308499**  
 Package quantity **1**  
 For max. no. of cables **16**  
 Max. cable diameter **17 mm**  
 Length **79,8 mm**  
 Width **80 mm**

Height **57,5 mm**  
 Mounting height **57,5 mm**  
 No. of screw holes **4**  
 Diam. of screw holes **5,5 mm**  
 Screw material **Mild steel, galvanically zinc plated**  
 Suitable for grommets **4 x KT small**

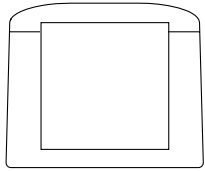
**KEL-FG-B4 V2A**

Part No. **42330.200**  
 EAN **4251269308505**  
 Package quantity **1**  
 For max. no. of cables **16**  
 Max. cable diameter **17 mm**  
 Length **79,8 mm**  
 Width **80 mm**

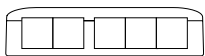
Height **57,5 mm**  
 Mounting height **57,5 mm**  
 No. of screw holes **4**  
 Diam. of screw holes **5,5 mm**  
 Screw material **Stainless steel (V2A)**  
 Suitable for grommets **4 x KT small**

**KEL-FG-B1**

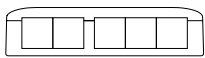
Part No.	<b>42332</b>	Height	<b>57,5 mm</b>
EAN	<b>4251269308512</b>	Mounting height	<b>57,5 mm</b>
Package quantity	<b>1</b>	No. of screw holes	<b>4</b>
For max. no. of cables	<b>1</b>	Diam. of screw holes	<b>5,5 mm</b>
Max. cable diameter	<b>35 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
Length	<b>79,8 mm</b>	Suitable for grommets	<b>1 x KT large</b>
Width	<b>80 mm</b>		

**KEL-FG-B1 V2A**

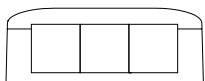
Part No.	<b>42332.200</b>	Height	<b>57,5 mm</b>
EAN	<b>4251269308529</b>	Mounting height	<b>57,5 mm</b>
Package quantity	<b>1</b>	No. of screw holes	<b>4</b>
For max. no. of cables	<b>1</b>	Diam. of screw holes	<b>5,5 mm</b>
Max. cable diameter	<b>35 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
Length	<b>79,8 mm</b>	Suitable for grommets	<b>1 x KT large</b>
Width	<b>80 mm</b>		

**KEL-FG-E5**

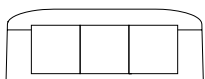
Part No.	<b>42336</b>	Height	<b>38 mm</b>
EAN	<b>4251269316623</b>	Mounting height	<b>38 mm</b>
Package quantity	<b>5</b>	Cut-out size	<b>112 x 24 mm</b>
For max. no. of cables	<b>20</b>	No. of screw holes	<b>2</b>
Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,5 mm</b>
Length	<b>147 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
Width	<b>53 mm</b>	Suitable for grommets	<b>5 x KT small</b>

**KEL-FG-E5 V2A**

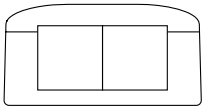
Part No.	<b>42336.200</b>	Height	<b>38 mm</b>
EAN	<b>4251269316647</b>	Mounting height	<b>38 mm</b>
Package quantity	<b>5</b>	Cut-out size	<b>112 x 24 mm</b>
For max. no. of cables	<b>20</b>	No. of screw holes	<b>2</b>
Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,5 mm</b>
Length	<b>147 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
Width	<b>53 mm</b>	Suitable for grommets	<b>5 x KT small</b>

**KEL-FG-E3**

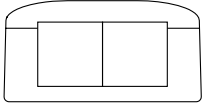
Part No.	<b>42334</b>	Height	<b>38 mm</b>
EAN	<b>4251269316616</b>	Mounting height	<b>38 mm</b>
Package quantity	<b>5</b>	Cut-out size	<b>65 x 24 mm</b>
For max. no. of cables	<b>12</b>	No. of screw holes	<b>2</b>
Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,5 mm</b>
Length	<b>100 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
Width	<b>53 mm</b>	Suitable for grommets	<b>3 x KT small</b>

**KEL-FG-E3 V2A**

Part No.	<b>42334.200</b>	Height	<b>38 mm</b>
EAN	<b>4251269316630</b>	Mounting height	<b>38 mm</b>
Package quantity	<b>5</b>	Cut-out size	<b>65 x 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>5,5 mm</b>
Length	<b>100 mm</b>	Screw material	<b>Stainless steel (V2A)</b>
Width	<b>53 mm</b>	Suitable for grommets	<b>3 x KT small</b>

**KEL-FG-E2**

Part No.	<b>42333</b>	Height	<b>38 mm</b>
EAN	<b>4251269317996</b>	Mounting height	<b>38 mm</b>
Package quantity	<b>5</b>	Cut-out size	<b>43 × 24 mm</b>
For max. no. of cables	<b>8</b>	No. of screw holes	<b>2</b>
Max. cable diameter	<b>17 mm</b>	Diam. of screw holes	<b>5,5 mm</b>
Length	<b>73 mm</b>	Screw material	<b>Mild steel, galvanically zinc plated</b>
Width	<b>53 mm</b>	Suitable for grommets	<b>2 x KT small</b>

**KEL-FG-E2 V2A**

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