

# KEL-FG-ER | Split flange enclosure

for 90° feed-in of cables with connectors / IP65



The cable entry frames KEL-FG-ER are suited for installation of cables with connectors and conduits at an angle of 90° to the cabinet, enclosure or machine wall, providing an IP65 rating and strain relief for cable diameters from 1 to 16 mm (single-hole grommets KT 1 - 15) and 13 to 35 mm (single-hole grommets KTG 13 - KT 34).

The KEL-FG-ER-A frame matches exactly the cut-out dimensions for 24-pin standard industrial connectors. The KEL-FG-ER-B is suited for cut-outs 36 × 46 mm.

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

Due to the integrated seal on the flange enclosure, a protection class of up to IP65 is provided. An additional flat rubber gasket is included in the shipment.

IP54



IP55



IP64



IP65



UL US



HL3



## Specifications

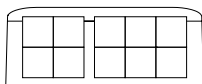
<b>IP rating (EN 60529)</b>	IP54, IP55, IP64, IP65
<b>Material</b>	Polyamide
<b>Flame class</b>	UL94-V0, self-extinguishing
<b>Operating temperature</b>	-40 C° to 90 C°
<b>Properties</b>	vibration proof, UV-resistant, silicone free, halogen free
<b>Mounting options</b>	Screw type mounting
<b>Mounting height</b>	57,5 mm

## Advantages & Benefits

- Integrated seal
- Protection class IP65 acc. to EN 60529
- Installation at an angle of 90° to the wall
- Mechanical protection of the cable directly at the place of entry
- Protection against water splashes and drips
- Ideal for cables with connectors (max. Ø 35 mm)
- Strain relief according to EN 62444
- High flexibility when using the IMAS-CONNECT™ system

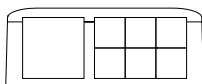
## Product types & Sizes

### KEL-FG-ER-A10

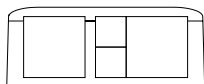


Part No.	<b>42340</b>	Height	<b>57,5 mm</b>
EAN	<b>4251269328787</b>	Mounting height	<b>57,5 mm</b>
Package quantity	<b>1</b>	Cut-out size	<b>112 × 36 mm</b>
For max. no. of cables	<b>10</b>	No. of screw holes	<b>4</b>
Max. cable diameter	<b>16 mm</b>	Diam. of screw holes	<b>5,5 mm</b>
Length	<b>147 mm</b>	Screw material	<b>Stahl, galvanisch verzinkt</b>
Width	<b>80 mm</b>	Suitable for grommets	<b>10 x KT small</b>

### KEL-FG-ER-A7

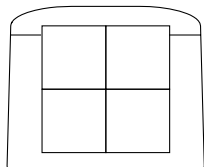


Part No.	<b>42341</b>	Height	<b>57,5 mm</b>
EAN	<b>4251269328794</b>	Mounting height	<b>57,5 mm</b>
Package quantity	<b>1</b>	Cut-out size	<b>112 × 36 mm</b>
For max. no. of cables	<b>7</b>	No. of screw holes	<b>4</b>
Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5,5 mm</b>
Length	<b>147 mm</b>	Screw material	<b>Stahl, galvanisch verzinkt</b>
Width	<b>80 mm</b>	Suitable for grommets	<b>6 x KT small 1 x KT large</b>

**KEL-FG-ER-A4**

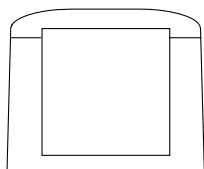
Part No. **42342**  
 EAN **4251269328800**  
 Package quantity **1**  
 For max. no. of cables **4**  
 Max. cable diameter **35 mm**  
 Length **147 mm**  
 Width **80 mm**

Height **57,5 mm**  
 Mounting height **57,5 mm**  
 Cut-out size **112 x 36 mm**  
 No. of screw holes **4**  
 Diam. of screw holes **5,5 mm**  
 Screw material **Stahl, galvanisch verzinkt**  
 Suitable for grommets **2 x KT small**  
**2 x KT large**

**KEL-FG-ER-B4**

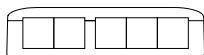
Part No. **42344**  
 EAN **4251269328824**  
 Package quantity **1**  
 For max. no. of cables **4**  
 Max. cable diameter **16 mm**  
 Length **79,8 mm**  
 Width **80 mm**

Height **57,5 mm**  
 Mounting height **57,5 mm**  
 No. of screw holes **4**  
 Diam. of screw holes **5,5 mm**  
 Screw material **Stahl, galvanisch verzinkt**  
 Suitable for grommets **4 x KT small**

**KEL-FG-ER-B1**

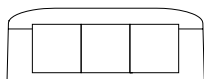
Part No. **42343**  
 EAN **4251269328817**  
 Package quantity **1**  
 For max. no. of cables **1**  
 Max. cable diameter **35 mm**  
 Length **79,8 mm**  
 Width **80 mm**

Height **57,5 mm**  
 Mounting height **57,5 mm**  
 No. of screw holes **4**  
 Diam. of screw holes **5,5 mm**  
 Screw material **Stahl, galvanisch verzinkt**  
 Suitable for grommets **1 x KT large**

**KEL-FG-ER-E5**

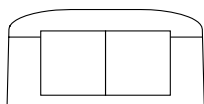
Part No. **42347**  
 EAN **4251269328855**  
 Package quantity **5**  
 For max. no. of cables **5**  
 Max. cable diameter **17 mm**  
 Length **147 mm**  
 Width **53 mm**

Height **38 mm**  
 Mounting height **38 mm**  
 Cut-out size **112 x 24 mm**  
 No. of screw holes **2**  
 Diam. of screw holes **5,5 mm**  
 Screw material **Stahl, galvanisch verzinkt**  
 Suitable for grommets **5 x KT small**

**KEL-FG-ER-E3**

Part No. **42346**  
 EAN **4251269328848**  
 Package quantity **5**  
 For max. no. of cables **3**  
 Max. cable diameter **17 mm**  
 Length **100 mm**  
 Width **53 mm**

Height **38 mm**  
 Mounting height **38 mm**  
 Cut-out size **65 x 24 mm**  
 No. of screw holes **2**  
 Diam. of screw holes **5,5 mm**  
 Screw material **Stahl, galvanisch verzinkt**  
 Suitable for grommets **3 x KT small**

**KEL-FG-ER-E2**

Part No. **42345**  
 EAN **4251269328831**  
 Package quantity **5**  
 For max. no. of cables **2**  
 Max. cable diameter **17 mm**  
 Length **73 mm**  
 Width **53 mm**

Height **38 mm**  
 Mounting height **38 mm**  
 Cut-out size **43 x 24 mm**  
 No. of screw holes **2**  
 Diam. of screw holes **5,5 mm**  
 Screw material **Stahl, galvanisch verzinkt**  
 Suitable for grommets **2 x KT small**

