

# KEL-FG-ER | Split flange enclosure

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



**MobileMustHave**  
MOBILE LIFESTYLE SOLUTIONS



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



HL3



## Specifications

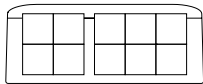
IP rating (EN 60529)	IP54, IP55, IP64, IP65
Material	Polyamide
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 90 C°
Properties	vibration proof, UV-resistant, silicone free, halogen free
Mounting options	Screw type mounting
Mounting height	57.5 mm

## 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

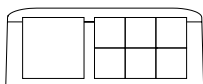
### KEL-FG-ER-A10



Part No.	<b>42340</b>
EAN	<b>4251269328787</b>
Package quantity	<b>1</b>
For max. no. of cables	<b>10</b>
Max. cable diameter	<b>16 mm</b>
Length	<b>147 mm</b>
Width	<b>80 mm</b>

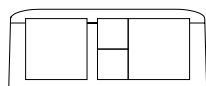
Height	<b>57.5 mm</b>
Mounting height	<b>57.5 mm</b>
Cut-out size	<b>112 × 36 mm</b>
No. of screw holes	<b>4</b>
Diam. of screw holes	<b>5.5 mm</b>
Screw material	<b>Stahl, galvanisch verzinkt</b>
Suitable for grommets	<b>10 x KT small</b>

### KEL-FG-ER-A7

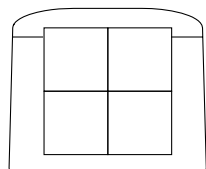


Part No.	<b>42341</b>
EAN	<b>4251269328794</b>
Package quantity	<b>1</b>
For max. no. of cables	<b>7</b>
Max. cable diameter	<b>35 mm</b>
Length	<b>147 mm</b>
Width	<b>80 mm</b>

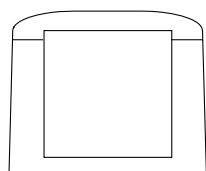
Height	<b>57.5 mm</b>
Mounting height	<b>57.5 mm</b>
Cut-out size	<b>112 × 36 mm</b>
No. of screw holes	<b>4</b>
Diam. of screw holes	<b>5.5 mm</b>
Screw material	<b>Stahl, galvanisch verzinkt</b>
Suitable for grommets	<b>6 x KT small</b> <b>1 x KT large</b>

**KEL-FG-ER-A4**

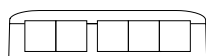
Part No.	<b>42342</b>	Height	<b>57.5 mm</b>
EAN	<b>4251269328800</b>	Mounting height	<b>57.5 mm</b>
Package quantity	<b>1</b>	Cut-out size	<b>112 x 36 mm</b>
For max. no. of cables	<b>4</b>	No. of screw holes	<b>4</b>
Max. cable diameter	<b>35 mm</b>	Diam. of screw holes	<b>5.5 mm</b>
Length	<b>147 mm</b>	Screw material	<b>Stahl, galvanisch verzinkt</b>
Width	<b>80 mm</b>	Suitable for grommets	<b>2 x KT small</b> <b>2 x KT large</b>

**KEL-FG-ER-B4**

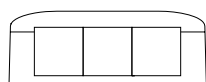
Part No.	<b>42344</b>	Height	<b>57.5 mm</b>
EAN	<b>4251269328824</b>	Mounting height	<b>57.5 mm</b>
Package quantity	<b>1</b>	No. of screw holes	<b>4</b>
For max. no. of cables	<b>4</b>	Diam. of screw holes	<b>5.5 mm</b>
Max. cable diameter	<b>16 mm</b>	Screw material	<b>Stahl, galvanisch verzinkt</b>
Length	<b>79.8 mm</b>	Suitable for grommets	<b>4 x KT small</b>
Width	<b>80 mm</b>		

**KEL-FG-ER-B1**

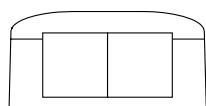
Part No.	<b>42343</b>	Height	<b>57.5 mm</b>
EAN	<b>4251269328817</b>	Mounting height	<b>57.5 mm</b>
Package quantity	<b>1</b>	No. of screw holes	<b>4</b>
For max. no. of cables	<b>1</b>	Diam. of screw holes	<b>5.5 mm</b>
Max. cable diameter	<b>35 mm</b>	Screw material	<b>Stahl, galvanisch verzinkt</b>
Length	<b>79.8 mm</b>	Suitable for grommets	<b>1 x KT large</b>
Width	<b>80 mm</b>		

**KEL-FG-ER-E5**

Part No.	<b>42347</b>	Height	<b>38 mm</b>
EAN	<b>4251269328855</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>5</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>Stahl, galvanisch verzinkt</b>
Width	<b>53 mm</b>	Suitable for grommets	<b>5 x KT small</b>

**KEL-FG-ER-E3**

Part No.	<b>42346</b>	Height	<b>38 mm</b>
EAN	<b>4251269328848</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>3</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>Stahl, galvanisch verzinkt</b>
Width	<b>53 mm</b>	Suitable for grommets	<b>3 x KT small</b>

**KEL-FG-ER-E2**

Part No.	<b>42345</b>	Height	<b>38 mm</b>
EAN	<b>4251269328831</b>	Mounting height	<b>38 mm</b>
Package quantity	<b>5</b>	Cut-out size	<b>43 x 24 mm</b>
For max. no. of cables	<b>2</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>Stahl, galvanisch verzinkt</b>
Width	<b>53 mm</b>	Suitable for grommets	<b>2 x KT small</b>



