## **EMC-KEL-U | Split EMC cable entry frames**

for shielding cables with connectors



be easily dissipated. Field bound disturbances are derived by the metallisation.

The cable entry system is easy to install. Cable grommets are placed into

The EMC cable entry frames EMC-KEL-U are based on the KEL-U and KEL-E. Due to a conductive surface, disturbances in the cable shields on the control cabinet can

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

The EMC-KEL-U frames match exactly the cut-out dimensions for 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 single-row versions EMC-KEL-E are particularly suited for flat connectors. The small frames are ideal for applications with limited space.

Between the EMC-KEL-U and the metal wall a conductive flat gasket (included) is mounted. The flange surface on the metal wall must be free of paint!

## **Specifications**

**RoHS** 

Material	Polyamide, highly conductive coating
Flame class	UL94-HB
Operating temperature	-40 C° to 140 C°
Properties	vibration proof
Mounting options	Screw type mounting

## **Advantages & benefits**

- Both conducted and field-bound disturbances can be reliably diverted
- Scratch-resistant surface
- Contacting the cable shield over 360°
- EMC grommets made entirely from conductive elastomer
- High cable density, wide variety of grommets
- Very good dissipation values
- Very good shielding effect with regard to EMC tightness

## **Product types & sizes**

EMC-KEL-U 24|10

EAN
Package quantity
For max. no. of cables
Max. cable diameter
Length
Width

Part No.

99400 4251269319365 1 10 17 mm 147 mm

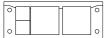
58 mm

Height
Mounting height
Cut-out size
No. of screw holes
Diam. of screw holes
Suitable for grommets

17 mm 17 mm 112 × 36 mm 4

5,8 mm 10 x EMC-KT small

EMC-KEL-U 24|4



 Part No.
 99401

 EAN
 4251269319372

 Package quantity
 1

 For max. no. of cables
 4

 Max. cable diameter
 35 mm

 Length
 147 mm

 Width
 58 mm

Height
Mounting height
Cut-out size
No. of screw holes
Diam. of screw holes
Suitable for grommets

17 mm 112 × 36 mm 4 5,8 mm 2 × EMC-KT small

2 x EMC-KT large

17 mm



Part No. 98047 Cut-out size 112 × 36 mm

EAN **4251269322** No. of screw

> 655 holes

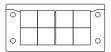
Package 1 Diam. of screw 6 mm

quantity holes

145 mm Length Width 56 mm Height 2,5 mm Mounting 2,5 mm

height

EMC-KEL-U 16|8



Part No. EAN Package quantity

For max. no. of cables Max. cable diameter

Lenath Width

99402

4251269319389

1 8 17 mm 120 mm

58 mm

Height Mounting height

Cut-out size No. of screw holes Diam. of screw holes

Suitable for grommets

17 mm 17 mm 86 × 36 mm

5.8 mm

8 x EMC-KT small

EMC-KEL-E5



Part No. EAN

Package quantity 1

For max. no. of cables Max. cable diameter

Length Width

99422

4251269319402

17 mm 147 mm 39 mm

Height

Mounting height Cut-out size

No. of screw holes Diam. of screw holes Suitable for grommets 17 mm 17 mm 112 × 24 mm

5,8 mm

5 x EMC-KT small

EMC-KEL-E3



Part No.

EAN

Package quantity For max. no. of cables Max. cable diameter

Length Width

99420

4251269319396

3

17 mm 98 mm 39 mm Height

Mounting height Cut-out size

No. of screw holes Diam. of screw holes

Suitable for grommets

17 mm 17 mm

65 × 24 mm 2

5,8 mm

3 x EMC-KT small



