

EMC-KEL-U | Split EMC cable entry frames

for shielding cables with connectors



RoHS
compliant

REACH
COMPLIANCE

Made in
Germany

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

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

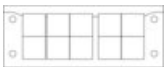
Material	Polyamide, highly conductive coating
Flame class	UL94-HB
Operating temperature	-40 C° to 140 C°
Properties	vibration proof
Mounting options	Screw type mounting

Advantages & benefits

- Sowohl schirmgebundene als auch feldgebundene Störungen können zuverlässig abgeleitet werden
- Kratzfeste Oberfläche
- Kontaktierung des Kabelschirms über 360°
- EMV-Tüllen komplett aus leitfähigem Elastomer
- Hohe Packungsdichte, große Variabilität
- Sehr gute Ableitwerte
- Sehr gute Abschirmwirkung bzgl. EMV-Dichtigkeit

Product types & sizes

EMC-KEL-U 24|10



Part No.	99400
EAN	4251269319365
PU	1
For max. no. of cables	10
Max. cable diameter	17 mm
Length	147 mm
Width	58 mm

Height	17 mm
Mounting height	17 mm
Cut-out size	112 x 36 mm
No. of screw holes	4
Diam. of screw holes	5,8 mm
Screw material	Stahl, galvanisch verzinkt
Suitable for grommets	10 x EMC-KT small

EMC-KEL-U 24|4



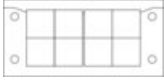
Part No.	99401
EAN	4251269319372
PU	1
For max. no. of cables	4
Max. cable diameter	35 mm
Length	147 mm
Width	58 mm

Height	17 mm
Mounting height	17 mm
Cut-out size	112 x 36 mm
No. of screw holes	4
Diam. of screw holes	5,8 mm
Screw material	Stahl, galvanisch verzinkt
Suitable for grommets	2 x EMC-KT small 2 x EMC-KT large

EMC gasket 24

Part No. **98047**
 EAN **4251269322655**
 PU **1**
 Length **145 mm**
 Width **56 mm**
 Height **2,5 mm**
 Mounting height **2,5 mm**

Cut-out size **112 x 36 mm**
 No. of screw holes **4**
 Diam. of screw holes **6 mm**
 Screw material **Stahl, galvanisch verzinkt**

EMC-KEL-U 16|8

Part No. **99402**
 EAN **4251269319389**
 PU **1**
 For max. no. of cables **8**
 Max. cable diameter **17 mm**
 Length **120 mm**
 Width **58 mm**

Height **17 mm**
 Mounting height **17 mm**
 Cut-out size **112 x 36 mm**
 No. of screw holes **4**
 Diam. of screw holes **5,8 mm**
 Screw material **Stahl, galvanisch verzinkt**
 Suitable for grommets **8 x EMC-KT small**

EMC-KEL-E5

Part No. **99422**
 EAN **4251269319402**
 PU **1**
 For max. no. of cables **5**
 Max. cable diameter **17 mm**
 Length **147 mm**
 Width **39 mm**

Height **17 mm**
 Mounting height **17 mm**
 Cut-out size **112 x 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Stahl, galvanisch verzinkt**
 Suitable for grommets **5 x EMC-KT small**

EMC-KEL-E3

Part No. **99420**
 EAN **4251269319396**
 PU **1**
 For max. no. of cables **3**
 Max. cable diameter **17 mm**
 Length **98 mm**
 Width **39 mm**

Height **17 mm**
 Mounting height **17 mm**
 Cut-out size **65 x 24 mm**
 No. of screw holes **2**
 Diam. of screw holes **5,8 mm**
 Screw material **Stahl, galvanisch verzinkt**
 Suitable for grommets **3 x EMC-KT small**