

MSKL

EMC Shield Clamps with Large Clamping Range



MSKL 3-12
Cable shielding for diameters 3 - 12 mm with only one clamp size.



LFZ-M|MSKL



SF|MSKL

Product Description

The shield clamps MSKL are easy to use and effective in grounding single cable shields.

Due to its special design the clamping ranges of the MSKL are very large while the dimensions are comparatively small. (Example: MSKL 3-12, assembled with a 12 mm cable shield: width 26.25 mm).

MSKL, single

Single shield clamps can be individually attached via rivets.

LFZ-M|MSKL & LF|MSKL

LFZ-M|MSKL and LF|MSKL shield clamps can be attached on sheet metal (e.g. mounting plates) using M4 screws. The type LFZ-M|MSKL allows cables to be secured with a cable tie. Strain relief in accordance with EN 62444 is achieved.

SFZ-M|MSKL & SF|MSKL

SFZ-M|MSKL and SF|MSKL shield clamps can be easily attached by snapping them onto 35 mm DIN rails. The type SFZ-M|MSKL allows cables to be secured with a cable tie. Strain relief in accordance with EN 62444 is achieved.

Type	Order No.	Clamping range [mm]	Dimensions L x W x H [mm]	Mounting type	PU
MSKL, single, for riveting:					
MSKL 3-12	37600	3 - 12 mm 0.118 - 0.472 "	8 x 15.1 x 20.5 0.315 x 0.594 x 0.807	Rivet, Fixing hole 3.2 mm / 0.126 "	50
MSKL 8-18	37602	8 - 18 mm 0.315 - 0.709 "	8 x 20 x 27 0.315 x 0.787 x 1.063	Rivet, Fixing hole 3.2 mm / 0.126 "	50

MSKL for screw mounting (M4):



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LFZ-M MSKL 3-12 with strain relief	37612	3 - 12 mm 0.118 - 0.472 "	46.3 x 15.1 x 26 1.823 x 0.594 x 1.024 "	Screw, Fixing hole 4.2 mm / 0.165 "	10
LFZ-M MSKL 8-18 with strain relief	37614	8 - 18 mm 0.315 - 0.709 "	46.3 x 20 x 32 1.823 x 0.787 x 1.26 "	Screw, Fixing hole 4.2 mm / 0.165 "	10
LF MSKL 3-12	37608	3 - 12 mm 0.118 - 0.472 "	24 x 15.1 x 26 0.945 x 0.594 x 1.024 "	Screw, Fixing hole 4.2 mm / 0.165 "	10
LF MSKL 8-18	37610	8 - 18 mm 0.315 - 0.709 "	24 x 20 x 32 0.945 x 0.787 x 1.26 "	Screw, Fixing hole 4.2 mm / 0.165 "	10

MSKL for snap mounting on 35 mm DIN rail shape H:

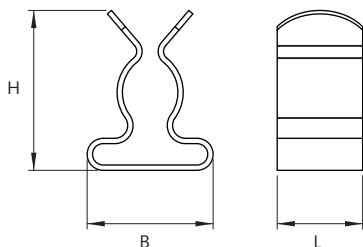


SFZ-M|MSKL



SF|MSKL

SFZ-M MSKL 3-12 with strain relief	37620	3 - 12 mm 0.118 - 0.472 "	60.5 x 15.1 x 26 2.382 x 0.594 x 1.024 "	35 mm / 1.378 ", DIN rail shape H	10
SFZ-M MSKL 8-18 with strain relief	37622	8 - 18 mm 0.315 - 0.709 "	60.5 x 20 x 32 2.382 x 0.787 x 1.26 "	35 mm / 1.378 ", DIN rail shape H	10
SF MSKL 3-12	37616	3 - 12 mm 0.118 - 0.472 "	50.5 x 15.1 x 26 1.988 x 0.594 x 1.024 "	35 mm / 1.378 ", DIN rail shape H	10
SF MSKL 8-18	37618	8 - 18 mm 0.315 - 0.709 "	50.5 x 20 x 32 1.988 x 0.787 x 1.26 "	35 mm / 1.378 ", DIN rail shape H	10



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PFSZ-M|MSKL



PFKZ-M|MSKL



Type	Order No.	Clamping range [mm]	Dimensions L x W x H [mm]	Mounting type	PU
<p>MSKL for snap mounting on 10 x 3 mm / 0.394 x 0.118 " bus bars:</p>  <p>PFSZ-M MSKL</p>					
PFSZ-M MSKL 3-12 with strain relief	37630	3 - 12 mm 0.118 - 0.472 "	38 x 15.1 x 28.7 1.496 x 0.594 x 1.13 "	10 x 3 mm / 0.394 x 0.118 " Bus bar	10
PFSZ-M MSKL 8-18 with strain relief	37632	8 - 18 mm 0.315 - 0.709 "	38 x 20 x 34.9 1.496 x 0.787 x 1.374 "	10 x 3 mm / 0.394 x 0.118 " Bus bar	10
Bus bar 10 x 3 mm	36100		1000 x 10 x 3* 39.37 x 0.394 x 0.118 "		1
<p>MSKL for plugging on sheet metal edges:</p>  <p>PFKZ-M MSKL</p>					
PFKZ-A-M MSKL 3-12 with strain relief	37640	3 - 12 mm 0.118 - 0.472 "	38 x 15.1 x 28.8 1.496 x 0.594 x 1.134 "	sheet edges, thickness 1.5 - 2 mm / 0.059 x 0.079 "	10
PFKZ-A-M MSKL 8-18 with strain relief	37642	8 - 18 mm 0.315 - 0.709 "	38 x 20 x 35 1.496 x 0.787 x 1.378 "	sheet edges, thickness 1.5 - 2 mm / 0.059 x 0.079 "	10
PFKZ-B-M MSKL 3-12 with strain relief	37650	3 - 12 mm 0.118 - 0.472 "	38 x 15.1 x 28.8 1.496 x 0.594 x 1.134 "	sheet edges, thickness 2 - 3 mm / 0.079 x 0.118 "	10
PFKZ-B-M MSKL 8-18 with strain relief	37652	8 - 18 mm 0.315 - 0.709 "	38 x 20 x 35 1.496 x 0.787 x 1.378 "	sheet edges, thickness 2 - 3 mm / 0.079 x 0.118 "	10

* Other lengths available on request

PFSZ-M|MSKL

PFSZ-M|MSKL shield clamps can be easily attached by snapping them onto 10 x 3 mm bus bars. The design allows cables to be secured with a cable tie. Strain relief in accordance with EN 62444 is achieved.

PFKZ-M|MSKL

PFKZ-M|MSKL shield clamps are used where a screw connection is either not possible or wanted. The PFKZ-M|MSKL is simply clamped on the sheet. The claws provide a secure grip, even in case of vibrations. The design allows cables to be secured with a cable tie. Strain relief in accordance with EN 62444 is achieved.

4.1

Advantages & Benefits

- Large clamping areas, therefore less product sizes needed to cover a large cable diameter range
- Space-saving design, even when fully assembled
- Large contact area
- Simple mounting, easy assembly
- Partially with integrated strain relief
- The spring design requires no adjustments and will permanently maintain contact to the cable shield
- Shock and vibration resistant, maintenance free

Specifications

Material

MSKL-clamp	Spring steel, zinc plated
LF/LFZ-M-foot	Carbon steel, galvanically zinc plated
SF/SFZ-M/PFSZ-M/ PFKZ-M-foot	Spring steel

Accessories

KEL-EMC-PF Bracket	139
MF Supports for bus bars	187