

EMC Shield Clamp | LF

Screw mounting, with/without strain relief

Article:	LF
Brand:	icotek
Screen clamp material:	Spring steel, galvanized
Screen mount material:	Mild steel, galvanically zinc plated
Mounting options:	Screw mounting
Mounting location:	Metal sheets
Characteristics:	Vibration proof



Description

EMC shield clamps are used wherever the shield of individual wires must be connected to ground potential. They enable safe and easy shielding of cables.

Versions with strain relief: the cable can be strain relieved according to EN 62444 with cable ties. This takes place over the outer cable jacket. Variants with double strain relief can also be obtained (according to PROFINET assembly guidelines).

The clamping areas of the MSKL clamp variant are very large due to their special geometry. The overall width and height are comparatively small (example: MSKL 3-12 with inserted 12 mm cable shield: width 26.25 mm). The LFZ-M|MSKL shield clamp is available in a version that is angled at 45° or 90°. The 45° version is suitable for use in frequency converters from various manufacturers. The cable is inserted into the cable duct with a shield clamp at an angle of 45°. The 90° version makes it possible to install it at edges and corners.

The assembly is carried out by screwing it onto, for example, a mounting plate. The LFZ-U|SKL shield clamp is available with an M4 or M5 connection. The screws that are already connected to the ground potential can be used for assembly. It is sufficient to loosen the screw slightly, slide under the LFZ-U|SKL and reattach the screw.

Advantages of EMC Shield Clamp / LF:

- Partially integrated strain relief option
- Large contact area
- Shield contact and strain relief separated
- Easiest assembly/disassembly
- The spring design requires no adjustments and will permanently maintain contact to the cable shield
- Shock and vibration resistant, maintenance free
- Integrated double strain relief option (according to PROFINET installation guidelines)

Article number

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