

CODE: **LZxxxx** v.1.0/II
TYPE: **Safety strip.**

EN

Features:

- Overvoltage and overcurrent protection of the 230V power supply circuit
- Overcurrent protection of the battery circuit
- Protection against accidental shutdown
- Single phase or 3-phase connection
- Dummy connector with a separate switch available



LZ1F1B



LZ3F1B



LZ1F2B



LZ3F2B

Description

Safety strip is fitted with circuit breakers, surge arresters, and a dummy connector.

A connector for connecting 230V / 400V mains power from the power system is placed on the right.

The main overcurrent circuit breaker disconnects the 230/400V mains from all system devices. In addition, the power supply circuit is fitted with an overcurrent circuit breaker allowing its disconnection, e.g. for maintenance purposes, without disconnecting other devices of the DSO. In addition to the main switch, it is fitted with "type 3" surge arresters compliant with the EN 61643-11 standard.

The dummy connector includes overcurrent circuit breaker which can be switched on regardless of the status of the main switch.

Technical parameters of safety strips.

Model	LZ1F1B	LZ1F2B	LZ3F1B	LZ3F2B
Connection to the mains	Single-phase 230V		3-phase 3x230V/400V	
The main overcurrent circuit breaker.	1 + N-pole C16 or C20 The rated short-circuit breaking capacity 6kA		3 + N-pole C16 or C20 The rated short-circuit breaking capacity 6kA	
Surge protection	L, N type 3 (D) according to the EN 61643-11 standard		L1, L2, L3, and N type 3 (D) according to the EN 61643-11 standard	
The overcurrent circuit breaker of the power supply unit	1 - pole, C6			
Battery circuit protection	63A or 100A 22x58mm 442000 (aM)	2x63A or 2x100A 22x58mm 442000 (aM)	63A or 100A 22x58mm 442000 (aM)	2x63A or 2x100A 22x58mm 442000 (aM)
Recommended cable parameters	OMY 3 x 1.5 mm ² ...4 mm ² , YLY 3 x 1.5 mm ² ...4 mm ²		OMY 5 x 2.5 mm ² ...4 mm ² , YLY 5 x 1.5 mm ² ...4 mm ²	
Dimensions	Standard RACK 19" H= 3U			