

# KZS-1 M FN

## Residual current circuit breaker with integral overcurrent protection

### Description

KZS 1M-FN is a residual current circuit breaker with integral overcurrent protection (RCBO), functionally dependent on line voltage. It comes in a single pole version that switches the phase pole while the neutral pole stays fixed.

KZS 1M-FN is dependent on voltage and operates at voltages above 85V.

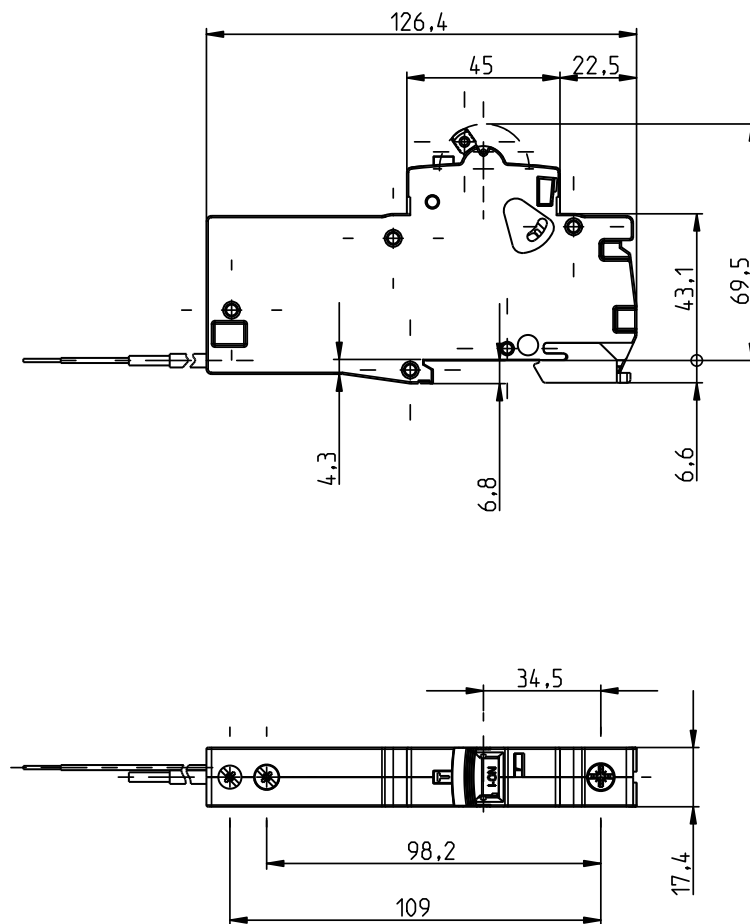
KZS 1M-FN also has a sealing possibility.

Technical data	
Rated voltage $U_n$	230 V a.c.
Rated current $I_n$	6 - 40 A
Rated frequency $f_n$	50 Hz
Rated short-circuit capacity	10 kA
Tripping characteristic	B or C
Rated residual current	30 mA
Type	AC
Terminals line/load	1-25 mm <sup>2</sup> / 1-16 mm <sup>2</sup>
Build-in width	18 mm
Standard	IEC 61009-1 / 61009-2
Length of neutral conductor	600 mm
Operating temperature	-25°C ... +40°C
$I_{Am}$	4500 A



$I_n$ [A]	$U_n$ [V]	Code No. B	Code No. C	Weight [g]	Packaging [pcs]
6	230	002175501	002175521	177	1/42
10	230	002175502	002175522	177	1/42
13	230	002175503	002175523	177	1/42
16	230	002175504	002175524	177	1/42
20	230	002175505	002175525	177	1/42
25	230	002175506	002175526	177	1/42
32	230	002175507	002175527	178	1/42
40	230	002175508	002175528	192	1/42

## Dimensions



## Connection

Blue conductor with length of 600 mm is the neutral conductor on the line side.  
White conductor is connected to FE and is used for earthing the electronics.

