

Product Code	Product Range	Issue No.	Issue Date	Issue By
100/4/100B	RCD (ETI)	B	July 2026	T.T.

Description

100A 4 Pole 100mA Type B
Bi-directional RCD.

Features

Ensures tripping for residual A.C. currents, pulsating D.C. currents and smooth D.C. currents
Often used when supplying EV charging points.
LED fault indication.

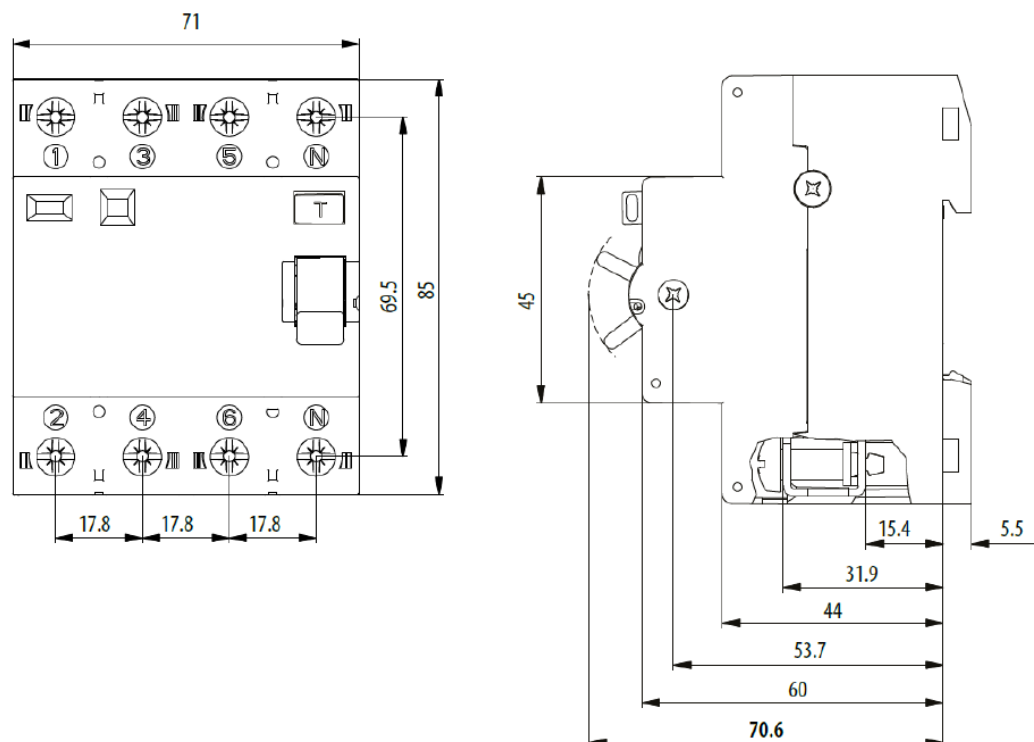


General Characteristics

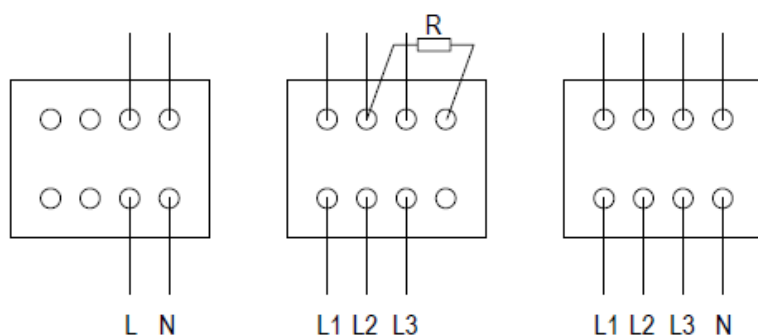
Standards	BS EN 61008-1. IEC 61008-1. IEC 62423.
Current Rating (In) at 40°C	100A
Rated Operating Voltage (Ue) AC 50-60Hz	400V
Rated Insulation Voltage (Ui) AC 50-60Hz	500V
Rated Impulse Withstand Voltage (Uimp) AC 50-60Hz	4kV
Making / Breaking Capacity	1000A
Rated Conditional Short-Circuit	10kA
Maximum back up fuse	100A gG / NH
Contact position indicator	Mechanical: red / green.
Residual Current IΔN	100mA
Residual Current Filtering. Tripping time.	Type B. G/KV (fixed short time delay 10-40ms).
Surge current capacity	3kA
Polarity	Bi-directional
IP Rating	IP20 conforming to IEC 60529
Pollution Degree	2
Operating temperature	-25C to 40C
Terminal Capacity	50mm ²
Terminal Torque	4 Nm maximum. PZ2 screw.
Equipment Type	Fixed
Mounting	DIN rail – 35mm.
Electrical Life (ops)	>2000 cycles
Approx. Weight	350g
Resistance to climatic conditions	acc. to IEC 60068-2-30: 28 cycles (55 °C, 95 % relative humidity)



Dimensions



Connections



1ph + neutral
(230V ac)

3ph, no neutral
(400V ac).
Fit resistor for test pb
to load side

3ph + neutral
(400V ac).

IΔn	R
30mA	2.7kΩ, 2W, 500V
100mA	1.2kΩ, 2W, 500V
300mA	1.2kΩ, 2W, 500V

R: Metal oxide, flameproof.

