

Product Code	Product Range	Issue No.	Issue Date	Issue By
XL6BR2P XL10BR2P XL16BR2P XL20BR2P XL25BR2P XL32BR2P XL40BR2P	RCBO	A	25-04-2025	BS

Description

Type-A RCBO for Proteus MCB DBs.

Features

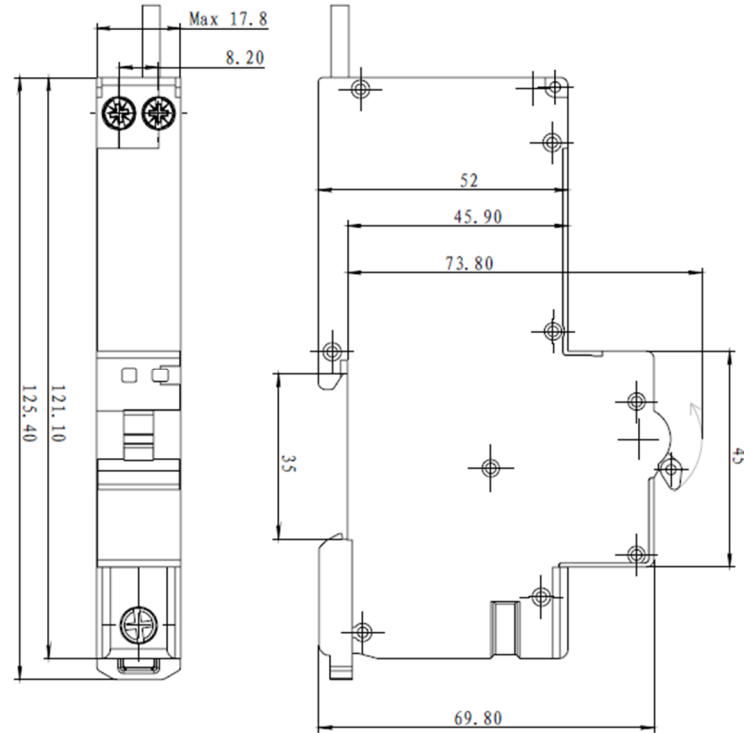
Single module
Double pole (switch neutral)
High fault level
Bidirectional
Modern design to the latest standards
Suitable for isolation



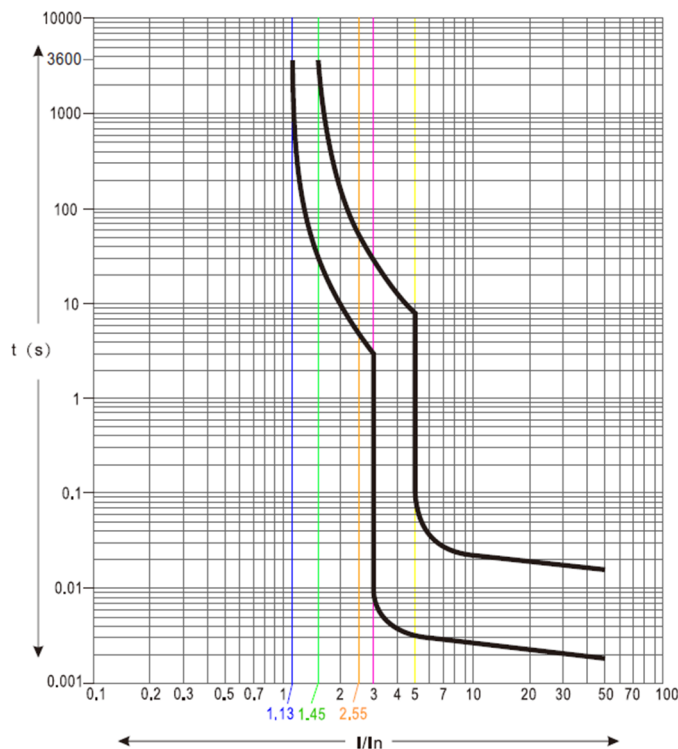
General Characteristics

Standards	BS EN 61009-1, BS EN 61009-2 -2
Trip Unit Type	Thermal-magnetic
Current Rating (In) at 50°C	6, 10, 16, 20, 25, 32 & 40A
Rated Operating Voltage (Ue) AC 50-60Hz	230V
Rated Insulation Voltage (Ui) AC 50-60Hz	500V
Rated Impulse Withstand Voltage (Uimp) AC 50-60Hz	4kV
Breaking Capacity	10kA Icn at 230V AC 50/60Hz
Rated Service Short-Circuit Capacity (Ics)	7.5kA at 230V AC 50/60Hz
Curve Code	B
Magnetic Trip Limit	(3 – 5) x In
Residual Current IΔN	30mA
Residual Current Filtering	Type A 
Energy Limiting Class	3
Polarity	Bidirectional
IP Rating	IP20 conforming to IEC 60529
Pollution Degree	3
Number of Poles	2 (live & neutral switched)
Terminal Capacity	Bottom - 25mm ² , Top - 16mm ²
Terminal Torque	Bottom - 2 Nm, Top – 1.2 Nm,
Equipment Type	Fixed
Electrical Life (ops)	4000 cycles
Weight	156g

Dimensions



Time-Current Characteristic



Max. Earth Fault Loop Impedance Values @ 218.5V (230V x 0.95 Cmin)

Rated Current I_n (A)	Upper limit value Z_s (Ω)
6	7.28
10	4.37
16	2.73
20	2.18
25	1.74
32	1.36
40	1.09