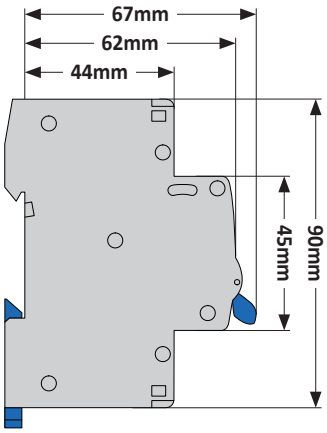
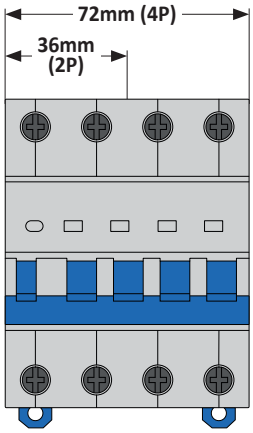
RtecX9A 10kA RCBOs

6A - 40A

EN 61009





The RtecX9A range provides combined residual current (earth leakage) protection and overload/short circuit protection in a single device and can be used to replace a RCCB/MCB combination.

RtecX9A RCBOs feature dual pole switching with live and neutral disconnection and are available in Type A for protection against pulsating DC current leakage. The RtecX9A is also available in a LV version designed to be used on 110V systems.

RtecX9A 10kA RCBOs Technical Specification

Number of Poles	**2 (L+L)**	**2 (L+N)**	**4 (3L+N)**
Type	**A (Alternating and Pulsating Direct Currents)**		
Rated Voltage (U_n)	**110 or 230 Vac**		**400 Vac**
Rated Current	**6, 10, 16, 20, 25, 32, 40A**		
Rated Residual Operating Current ($I_{\Delta n}$)	**30, 100, 300mA**		
Rated Short Circuit Capacity (I_{NC})	**10kA**		
Overload Tripping	**Trip Curves Type B and C**		
Frequency	**50/60Hz**		
Trip Time (S)	**≤ 0.1**		
Electrical and Mechanical Life	**10000 Switching Operations**		
Terminal Tightening Torque	**2.5 Nm**		
Standards	**IEC/EN 61009**		

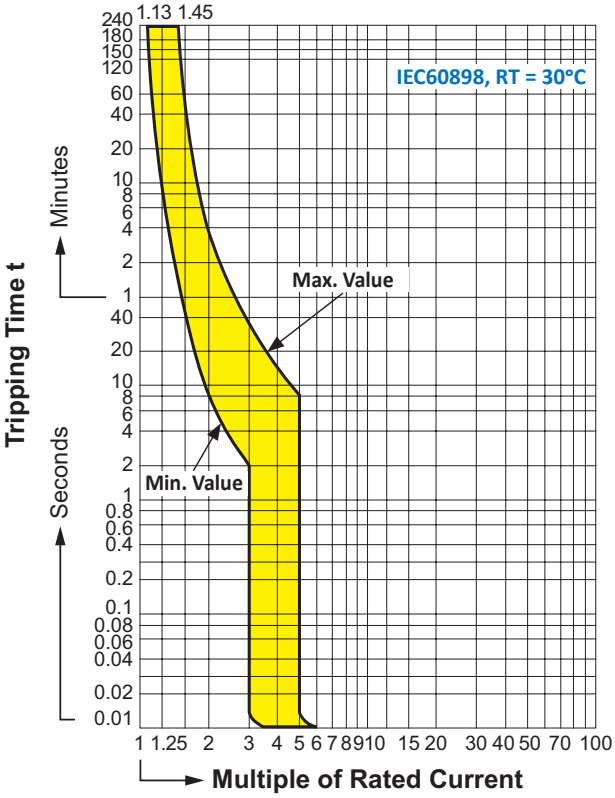
RtecX9A 10kA RCBOs Ordering Scheme

RtecX9A	2	B	06	030	LN
Version:	**No. of Poles:**	**Trip Curve:**	**Rated Current:**	**Residual Current Sensitivity:**	**Option for 2 Pole Version Only:**
RtecX9A	2 (L+N - 230V) 4 (3L+N - 400V)	B, C	6, 10, 16, 20, 25, 32, 40A	030 = 30mA 100 = 100mA 300 = 300mA	LN (L+N)
RtecX9ALV	2 (L+L - 110V) 2 (L+N - 110V)				LL (L+L) LN (L+N)

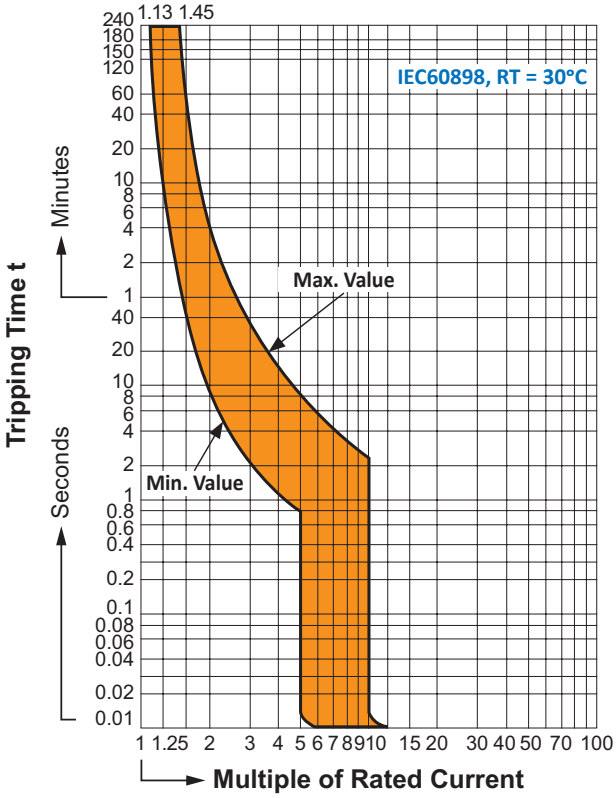
NOTE: Other special versions available, MOQs apply, please enquire.

RtecX9A 10kA RCBOs Trip Curves

Type B

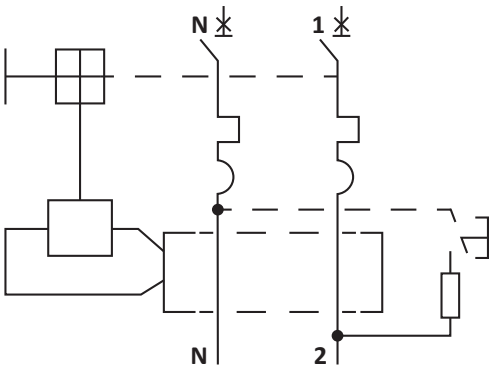


Type C



RtecX9A 10kA RCBOs Circuit Diagrams

2 Pole



4 Pole