

E6XR RCCB series

More complete
More value

- E6XR RCCB series



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E6XR RCCB series

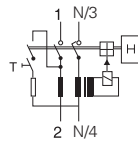
2P DIN RCCB



- Residual current devices.
- Shape compatible with and suitable for standard busbar connection to other devices.
- Twin-purpose terminal (lift/open-mouthed) above and below.
- Busbar positioning optionally above or below.
- Free terminal space despite installed busbar.
- Contact position indicator red - green.
- The device functions irrespective of the position of installation.
- Tripping is line voltage-independent. Consequently, the RCD is suitable for "fault current/residual current protection" and "additional protection" within the meaning of the applicable installation rules.
- Mains connection at either side.
- The test key "T" must be pressed every 6 months. The system operator must be informed of this obligation and his responsibility in a way that can be proven (self-adhesive RCD-label enclosed). The test interval of 6 months is valid for residential and similar applications. Under all other conditions (e.g. damply or dusty environments), it's recommended to test in shorter intervals (e.g. monthly).
- Pressing the test key "T" serves the only purpose of function testing the residual current device (RCD). This test does not make earthing resistance measurement (RE), or proper checking of the earth conductor condition redundant, which must be performed separately.

Connection diagrams

2-pole



Product list

Art. number	Part number	Part description
90000025000741	E6XR-25/2/001-AC	E6XR, Eaton, 25A, 2P, 10mA
90000025000742	E6XR-40/2/001-AC	E6XR, Eaton, 40A, 2P, 10mA

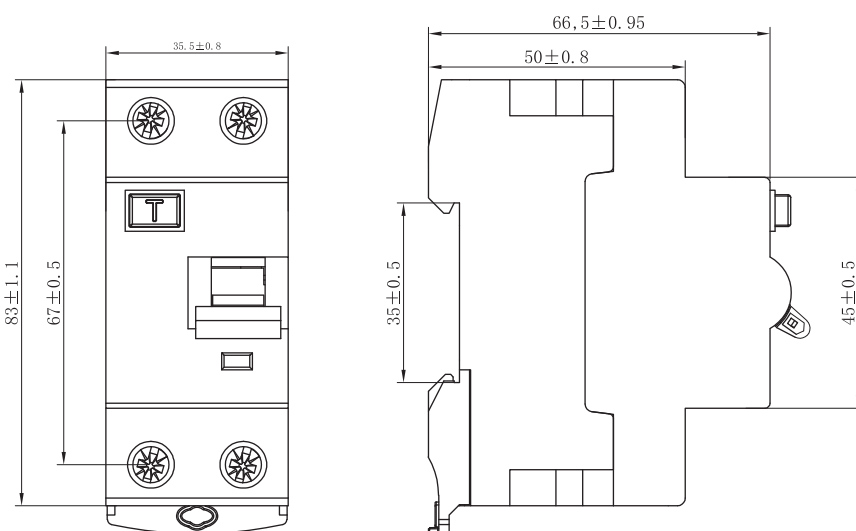
Specifications

Electrical

PFE9/POIERCD

Design according to	IEC/EN61008-1	
Tripping	Instantaneous	
Rated voltage U_n	230/240VAC, 400/415VAC	
Rated tripping current $I_{\Delta n}$	10mA	
Sensitivity	AC	
Rated impulse withstand voltage U_{imp}	4KV	
Rated frequency	50/60Hz	
Inc Rated short circuit strength I_{nc}	10KA	
Maximum back-up fuse	Short circuit	
	$I_n=25A$	63AGf/gI
	$I_n=40A$	63AGf/gI
Rated breaking capacity I_m or rated fault breaking capacity $I_{\Delta m}$		
	$I_n=25A$	500A
	$I_n=40A$	500A
Voltage range of test button 2 pole	196-264V	
Endurance	Electrical comp.	10000 switching operations
	Mechanical comp.	20000 switching operations
Mechanical		
Frame size	66,5 mm	
Device height	83 mm	
Device width	35,5mm	
Mounting	35mm DIN rail mounting and screw mounting	
Degree of protection, built-in	IP20	
Deg. of prot. in moisture-proof end		
Terminal protection	Open mouthed/lift terminals	
Terminal capacity	1- 35mm ² single wire	
Terminal capacity	0.8-2mm	
Busbar thickness	-25°C to +40°C	
Resistane to climatic conditions	-25-55 d, 90-95% hum	

Dimensions (unit: mm)



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