

Residual Current Devices



YRCB-63LB RCD SERIES

Residual Current Device



Advantages

- The YRCB-63LB residual current device provide:
- Protection of persons against electric shock by direct contact (y 30mA)
- Protection of persons against electric shock by indirect contact (u 100mA)
- Protection of installations against the risk of fire (300mA or 500mA)

Technical Data

Main-Single phase	
Product or component type	Residual current
Device application	Distribution
Poles description	1P+N / 2P
Number of protected poles	2
Network type	AC,A
Rated residual operating current I_n (mA)	10,30,100,300,500
Rated frequency	50/60Hz
Rated aimpulse voithstand voltage (uimp)	6kV
Retad conditional residual short-circuit current $I_{\Delta C}$	6kA
Main-Triple phase	
Product or component type	Residual current
Device application	Distribution
Poles description	3P+N /4P
Number of protected poles	4
Network type	AC,A
Rated residual operating current I_n (mA)	10,30,100, 300,500
Rated frequency	50/60Hz
Rated aimpulse voithstand voltage (uimp)	6kV
Retad conditional residual short-circuit current $I_{\Delta C}$	6kA

Complementary	
Rated operational voltage Ue	110V/230V/240V AC Single Phase; 385V/400V AC Triple Phase
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail 35mm
Colour	Grey
Electro-mechanical endurance	≥20,000 cycles

Environment	
Standards	IEC 61009-1, EC 61008-1, AS/NZS 61008-1
IP degree of protection	IP40 for modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Operating altitude	2000 m
Ambient air temperature for operation	-5°C to +60°C
Ambient air temperature for storage	-40°C to +85°C

Connection			
Rating	Tightening torque	Copper cables	
		Rigid	Flexible or ferrule

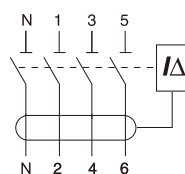
Catalogue numbers								
YRCB-63LB RCCB								
TypeProduct	AC	Width in 9 mm module: 4						
Auxiliaries								
2P	Sensitivity	10mA	30mA	100mA	300mA	500mA		
	Rating	16A	25A	40A	63A	80A	100 A	
Voltage rating (Ue)	2P	110-240V						
Operating frequency	50/60Hz							

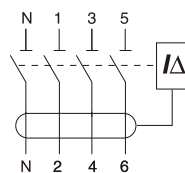
Catalogue numbers								
YRCB-63LB RCCB								
TypeProduct	A	Width in 9 mm module: 4						
Auxiliaries								
2P	Sensitivity	10mA	30mA	100mA	300mA	500mA		
	Rating	16A	25A	40A	63A	80A	100 A	
Voltage rating (Ue)	2P	110-240V						
Operating frequency	50/60Hz							

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Catalogue numbers							
YRCB-63LB RCCB						Wiring diagram	
TypeProduct	AC 	Width in 9 mm module: 8					
Auxiliaries							
4P	Sensitivity	10mA	30mA	100mA	300mA	500mA	
	Rating	25A	40A	63A	80A	100A	
Voltage rating (Ue)	4P	400-415V					
Operating frequency	50/60Hz						

Catalogue numbers								
YRCB-63LB RCCB							Wiring diagram	
TypeProduct	A 		Width in 9 mm module: 8					
Auxiliaries								
4P	Sensitivity	10mA	30mA	100mA	300mA	500mA		
	Rating	25A	40A	63A	80A	100A		
Voltage rating (Ue)	4P	400-415V						
Operating frequency	50/60Hz							

Dimensions

Unit: mm

