

2 & 4 Pole RCBOs (Residual Circuit Breaker with Overload) B & C Curves



Description

Compact protection devices which provide MCB overload protection and RCD earth leakage protection (protect against electrical shocks by direct or indirect contact).

Technical data

- sensitivity:
 - High sensitivity: 30mA instant tripping (fixed)
 - Medium sensitivity: 300mA instant tripping (fixed)
- current rating: 6 to 40A
- curves: B and C
- voltage rating: 230V AC
- A type
- frequency: 50Hz

Connection capacity

rigid conductors: 25mm²
flexible conductors: 16mm²

Approved according to EN 61009-1.

Technical information

- A type: Detects residual sinusoidal alternating currents, whether suddenly applied or slowly rising. They are used whenever fault currents are not sinusoidal. It is able to detect DC fault current generated by loads like washing machines, speed drives, microprocessing, electronic ballast.



AD916J



ADM456C

Description	Breaking capacity (IEC 60 898-1)	In/A	Width in 17.5mm	Pack qty.	Cat. ref. B curve	C curve
RCBOs A type - 30mA	6kA	6A	2	1	AD906J	
		10A	2	1	AD910J	
		16A	2	1	AD916J	
		20A	2	1	AD920J	
		25A	2	1	AD925J	
		32A	2	1	AD932J	
		40A	2	1	AD940J	
RCBOs A type - 300mA	6kA	6A	2	1		AF956J
		10A	2	1		AF960J
		16A	2	1		AF966J
		20A	2	1		AF970J
		25A	2	1		AF975J
		32A	2	1		AF982J
		40A	2	1		AF990J
RCBOs A type - 30mA	6kA	6A	4	1	ADM406C	
		10A	4	1	ADM410C	
		13A	4	1	ADM413C	
		16A	4	1	ADM416C	
		20A	4	1	ADM420C	
		25A	4	1	ADM425C	
		32A	4	1	ADM432C	
		40A	4	1	ADM440C	
RCBOs A type - 30mA	6kA	6A	4	1		ADM456C
		10A	4	1		ADM460C
		13A	4	1		ADM463C
		16A	4	1		ADM466C
		20A	4	1		ADM470C
		25A	4	1		ADM475C
		32A	4	1		ADM482C
		40A	4	1		ADM490C

Compact protection devices which combine the overcurrent functions of an MCB with the earth fault functions of an RCCB in a single unit. A range of sensitivity and current ratings are available for use in domestic installations.

Technical Data
Insulated DIN clip
Complies with BS EN 61009-1, IEC61009-1, IEC610009-2-2,
Sensitivities (fixed)
10mA and 30mA
Breaking capacity: 6kA
Flying neutral lead: 200mm

Terminal Capacities
25mm² rigid,
16mm² flexible

Application
1 module devices provide a compact solution for installation in consumer units.

These devices are 1pole & solid neutral.

Operating Voltage
230V(AC) + 10%/-15% 50H

Locking kit = MZN175



ADN120

Description	In/A	Width in 17.5mm	Cat. ref. B curve
Sensitivity 30mA (6kA) Type B, AC Sensitive	6A	1 Mod	ADN106
	10A	1 Mod	ADN110
	16A	1 Mod	ADN116
	20A	1 Mod	ADN120
	32A	1 Mod	ADN132
	40A	1 Mod	ADN140
	45A	1 Mod	ADN145
Sensitivity 30mA (10kA) Type C, DC Sensitive	50A	1 Mod	ADN150
	6A	1 Mod	ADA156U
	10A	1 Mod	ADA160U
	16A	1 Mod	ADA166U
	20A	1 Mod	ADA170U
32A	1 Mod	ADA182U	

Description	Characteristics	Cat. ref.
Locking Kit	This allows locking of the device toggle in the off position. Will accept two padlocks with hasps of 4.75mm diameter max. (supplied without padlock).	MZN175



MZN175

RCBO (Commercial / Industrial) Single Pole 10kA

Compact protection devices which combine the overcurrent functions of an MCB with the earth fault functions of an RCCB in a single unit. A range of sensitivity and current ratings are available for use in commercial and industrial applications.

Technical Data
Insulated DIN clip
Complies with BS EN 61009-1, IEC61009-1
Sensitivities (fixed)
10mA, 30mA & 100mA
Breaking capacity: 10kA
Flying neutral lead: 800mm

Terminal Capacities
16mm² rigid,
10mm² flexible

These devices are single pole & solid neutral.

Application
1 module devices provide a compact solution for installation in consumer units and Invicta 3 distribution boards.

	Description	In/A	Width in 17.5mm	Cat. ref. B curve	C curve
 ACB125	Sensitivity 10mA (10kA)	6A	1 Mod	ACB106	ACC106
		16A	1 Mod	ACB116	ACC116
		25A	1 Mod	ACB125	ACC125
		32A	1 Mod	ACB132	ACC132
 ADB106	Sensitivity 30mA (10kA)	6A	1 Mod	ADB106	ADC106
		10A	1 Mod	ADB110	ADC110
		16A	1 Mod	ADB116	ADC116
		20A	1 Mod	ADB120	ADC120
		25A	1 Mod	ADB125	ADC125
		32A	1 Mod	ADB132	ADC132
		40A	1 Mod	ADB140	ADC140
45A	1 Mod	ADB145	-		
 AEC132	Sensitivity 100mA (10kA)	10A	1 Mod	-	AEC110
		16A	1 Mod	-	AEC116
		20A	1 Mod	-	AEC120
		25A	1 Mod	-	AEC125
		32A	1 Mod	-	AEC132
 ADA106U	Sensitivity 10mA (10kA) Class A		1 Mod	ADA106U	
			1 Mod	ADA110U	
			1 Mod	ADA116U	
			1 Mod	ADA120U	
			1 Mod	ADA125U	
	1 Mod	ADA132U			
	Description	Characteristics	Cat. ref.		
 MZN175	Locking Kit	This allows locking of the device toggle in the off position. Will accept two padlocks with hasps of 4.75mm diameter max. (supplied without padlock).	MZN175		