



# A Type Time Delayed RCD Data Sheet

## Description

The Whitecliffe brand WARD range RCDs are sensitive current-operated devices designed to protect users and property from the risks of electric shock and potential fire hazards. They operate by continuously monitoring the current flowing through the circuit and automatically disconnecting the supply when an imbalance or disruption in the current path is detected, ensuring a high level of safety within consumer unit installations.

Part Code	Description
WARD263-100	2P 63A 100mA Type A Time Delayed RCD
WARD280-100	2P 80A 100mA Type A Time Delayed RCD
WARD2100-100	2P 100A 100mA Type A Time Delayed RCD
WARD2100-300	2P 100A 300mA Type A Time Delayed RCD
WARD463-100	4P 63A 100mA Type A Time Delayed RCD
WARD480-100	4P/80A/100mA Type A Time Delayed RCD
WARD4100-100	4P/100A/100mA Type A Time Delayed RCD
WARD4100-300	4P/100A/300mA Type A Time Delayed RCD

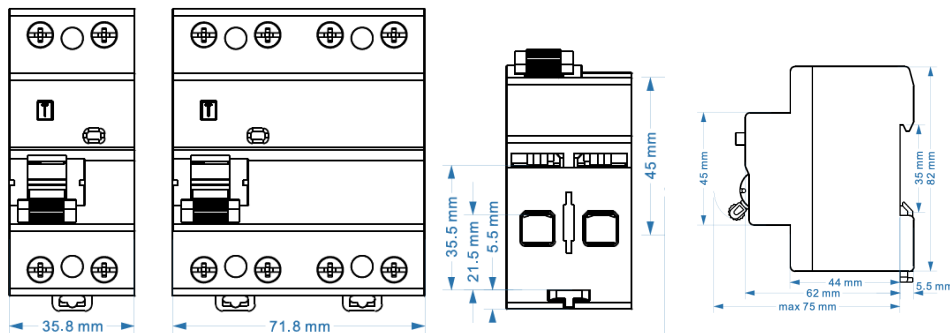


Type A+S time delayed RCD 

0.5 I<sub>Δn</sub> RCD will not trip

I<sub>Δn</sub> RCD must trip 130ms-500ms

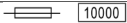
5 I<sub>Δn</sub> RCD must trip 50ms-150ms



## Standardised values of operating time

Type	I <sub>N</sub> A	I <sub>ΔN</sub> A	Standard values of break time and non-actuating time at a residual current equal to						
			I <sub>ΔN</sub>	2I <sub>ΔN</sub>	5I <sub>ΔN</sub>	5I <sub>N</sub> or 0.25A	5A-200A, 500A	I <sub>Δt</sub>	
A+S	≥25	>0.03	0.5	0.2	0.15	-	0.15	0.15	Max. break times
			0.13	0.06	0.05	-	0.04	0.04	Min non-actuating times

## Technical Data

WAR Type A+S Time Delayed RCD		
	Standard	IEC61008-1 , BS EN61008-1
Electrical features	Rated current In (A)	25, 40, 63, 80, 100
	Type	Electromagnetic
	Type (wave form of the earth leakage sensed)	A type
	Poles	2 Pole, 4 pole
	Rated voltage Ue(V)	230(2P) / 400(4P)
	Rated sensitivity IΔn	Available in 30mA, 100mA ,300mA
	Insulation voltage Ui (V)	500
	Rated residual making and breaking capacity IΔm (A)	500 (In=25A/40A), 630 (In=63A) 1000(In=80A/100A)
	Rated frequency	50/60Hz
	Rated breaking capacity	6kA
	SCPD fuse	 10000
	Break time under IΔn	130ms-500ms
	Rated impulse withstand voltage(1.2/50) Uimp (V)	6000
	Dielectric test voltage at ind. Freq. for 1 min	2.5kV
	Pollution degree	2
Mechanical features	Electrical life	2000
	Mechanical life	2000
	Contact position indicator	Yes
	Protection degree	IP20
	Reference temperature for setting of thermal element(°C)	30
	Ambient temperature (with daily average ≤35°C)	-5...+40
	Storage temperature (°C)	-25...+70
Installation	Terminal connection type	Cable/U-type busbar/Pin-type busbar
	Terminal size top/bottom for cable	25/35mm <sup>2</sup> , 18-3/18-2 AWG
	Terminal size top/bottom for Busbar	10/16mm <sup>2</sup> ,18-8 /18-5AWG
	Tightening torque	2.5 N*m / 22 In-lbs.
	Mounting	On DIN rail EN 60715 (35mm)
	Connection	From top of bottom