

Applications:

The WSR1R-1 series residual current circuit breaker is used to protect single electrical circuits of 240VAC, 50Hz, and under 40A, and offers leakage, overload and short circuit protection.

These products are mainly used to ensure protection from personal electric shock, as well as for preventing earth leakage faults in equipment which can lead to a fire.

This product is manufactured to comply with the EN61009 standard and its short compact style makes it ideal for use in Consumer Units and 3 Phase Distribution boards.



Operation Characteristics:

- Ambient temperature $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$, average temperature not exceeding 35°C .
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C .
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- Product can be installed vertically/horizontally and should not be subjected to severe impact or vibration.

Technical Specification

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Model	WSR1R-1
Number of Poles	1P + N
Rated Current (In)	6A, 10A, 16A, 20A, 25A, 32A, 40A
Rated Operating Current	30, 100, 300mA
Rated Voltage (Un)	AC 240 (230) V
Residual operating current scope	$0.5I_n \sim I_n$
Residual Current Off-Time	0.1s
Type	AC
Ultimate Short Circuit Breaking Capacity (Icn)	10000A (10KA)
Endurance	4000 Operations
Terminal Protection	IP20