

RDM1-32 Series

Application

RDM1-32(DPN, DZ30)"Phase wire + Neutral wire" circuit breaker is mainly used in AC 50Hz/60Hz single-pole 230V for overload and short-circuit protection.This product is high breaking capacity, small size and 18mm width.

The product meets the standards of GB10963.1 and IEC60898-1.



Model

RD M 1 - 32
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 ① ② ③ ④

①	Company Code
②	Miniature Circuit Breaker
③	Design Number
④	Rated Current

Main Technical Parameters

Rated Voltage(V)	Number Of Poles (P)	Main Technical Data(A)	Rated Current In (A)	Rated Short Circuit Capacity		Electro-Mechanical Life	Operation Frequency
				Test Current (A)	Power Factor		
230	1P+N	32	3, 6, 10, 16, 20, 25, 32	4500	0.75-0.80	4000	240

Note: • Heat Resistance Type: Temperature 55°C , relative humidity 95%.
 • Wiring with terminal and the hard wire below 10mm².

Tripping Characteristics Table

Test Current (A)	Tripping Characteristics Table(A)	Conventional Time	Expected Result	Initial Status	Remarks
1.13In	Value	t≤1h	Not Tripping	Cold Status	
1.45In	Value	t<1h	Tripping	Thermal Status	The Current is rising within 5s
2.55In	Value	1<t<60s	Tripping	Cold Status	The power supply is turned on by closing the auxiliary switch
5In, 10In	Value	t≤0.1s	Not Tripping	Cold Status	The power supply is turned on by closing the auxiliary switch
10In, 20In	Value	t<0.1s	Tripping	Cold Status	The power supply is turned on by closing the auxiliary switch

Overall And Mounting Dimensions (mm)

