RDM1-32 SERIES ISSU: 2005.09.12



# Miniature Circuit Breaker

Part No.

RDM1-32



#### **Feature**

- Short-circuit and overload protection
- Break neutral and live line meanwhile.
- Used for single-phase circuit of AC 50/60Hz, 230V.
- As per standard IEC60898-1 and GB10963.1.

#### ORDERING INFORMATION

<u>RDM1</u> - <u>32</u> - <u>10</u>

(1) (2) (3)

① Series:

RDM1 series

② Shell grade:

32

③ Rated current: 1-32A

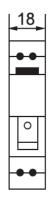
## **TECHNICAL DATA**

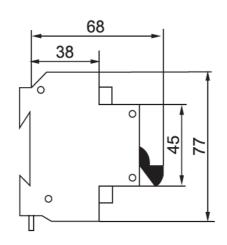
Rated current	Poles	Rated voltage	Short-circuit breaking capacity		Electrical life	Switching frequency
Rated Current			Breaking capacity	DE	Electrical life	Switching frequency
Α	Р	V	IA	PF	Times	Times/hour
3, 6, 10, 16, 20, 25, 32	1+N	230	3000	0.65-0.70	4000	240

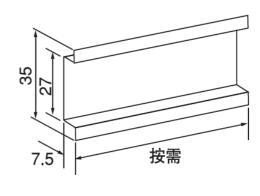
### **OVER-CURRENT PROTECTION**

Test current	Rated current	Time	Expected result	Initial status	Remark	
Α	Α	t	Expected result			
1.13 ln	≤ 32	t ≥ 1h	No release	Cold		
1.45 ln	≤ 32	t < 1h	Release	Hot	Current is up to setted value smoothly in 5s	
2.55 ln	≤ 32	1s < t < 60s	Release	Cold	Close auxiliary switch to switch on power.	
5 ln, 10 ln	≤ 32	t ≥ 0.1s	No release	Cold	Close auxiliary switch to switch on power.	
10 ln, 14 ln	≤ 32	t < 0.1s	Release	Cold	Close auxiliary switch to switch on power.	

## DIMENSION (mm)







Page 1/1 www.nicerelay.com