Miniature Circuit Breaker

IEC60898-1, GB10963.1

YM9N MCB

Scope of application

YM9N miniature circuit breaker is mainly used for overload and short circuit protection in AC voltage 50 Hz / 60 Hz, rated voltage 240 V, and rated current up to 40A. It can also be used for normal switching operations with infrequent switching. It' s suitable for various places such as industrial, commercial, high-rise and residential buildings.

Compliant with: IEC60898-1, GB10963.1



Technical Parameter

Electrical Characteristics

Poles	Rated current (In)	Rated voltage (Ue)	Rated insulation voltage (Ui)	Rated frequency	Dielectric test voltage	Trip method
1P+N	6~40A	240V	400V	50/60Hz	2000V/1min	Thermal magnetic trip

Rated impulse withstand voltage (Uimp)	Rated breaking capacity (Icn)	Operating breaking capacity (Ics)	Thermo-magnetic release characteristic		
			B:(3~5)In	C:(5~10)In	D:(10~16)In
4kV	6kA	6kA	■	■	■

Mechanical properties

Mechanical life	Electric life	Protection class		Reference temperature for setting of thermal element	Ambient temperature	Storage temperature
		Direct install	Installed in distribution box			
10000	4000	Ip20	Ip40	30°C	-25°C+60°C	-25°C+70°C

Other characteristics

Wiring size		Contact Status Indication	Fault Indication	Circuit identification	Connection	Assemblable accessories
Copper/Hard Wire	Cord/Hoop Terminals					
1-16mm^2	1-10mm^2	■	—	■	Top and bottom	■