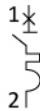


Application

BHM1 mini circuit breaker belongs to the advanced level of the nineties in the world instead of the old generation of C45N. They have protective functions against short circuit and overload, and are used in lighting distribution system in industry, commerce and dwelling, and protect electric motors. They also have many merits of high breaking capacity, good reliability of sensitive action, convenient multi-pole assorting, long using life etc. They are mainly adapted to the circuit of AC 50/60Hz, 230V in single pole, 400V in double, three or four poles for protecting overload and short circuit. Meanwhile, they are also used in turning on or off the electric apparatus and lighting circuit under the normal condition. The products are produced according to IEC60898.

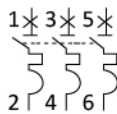
1P



2P



3P



Parameters list

Model	BHM1
Product Standard	IEC/EN 60898-1
Certification	CE KEMA
Electrical Features	
Pole	1P,2P,3P,4P
Thermo-magnetic Tripping Characteristic	B,C,D
Rated Current In	1-63A
Rated Voltage Ue	1P:230/400V~ 2/3/4P:400V~
Insulation Voltage Ui	500V
Rated Impulse Withstand Voltage Uimp	6kV
Dielectric Test Voltage	2kV
Rated Frequency	50/60Hz
Rated Short Circuit Breaking Capacity Icn	6kA,10kA
Pollution Degree	2
Electrical Life	10000
Mechanical Life	20000
Contact Position Indicator	Yes
Fault Indication	No
Installation	
Protection Degree MCB Body	IP20
Protection Degree Installed in Distribution Box	IP40
Reference Temperature for setting of Thermal Element	30℃
Ambient Temperature(with Daily Average ≤35℃)	-5~+40℃
Storage Temperature	-25~+70℃
Humidity and heat resistance	2
Altitude	below 2000m
Relative humidity of air	below 95%
Pollution degree	2
Installation environment	Avoid obvious vibration and shock
Installation Category	III
Mounting	On 35mm DIN rail
Terminal Connection Type	Cable/Busbar
Terminal Size Top/Bottom for Cable	25mm ²
Terminal Size Top/Bottom for Busbar	25mm ²
Tightening Torque	3.0
Connection	Top and Bottom
Combination With Accessories	Yes