



FEATURES:

- Thermal disconnection technology with over-current protection circuit to ensure safety
- Operation & malfunctioning status indications
- Up to 160kA maximum surge discharge current
- B class and C class SPD for AC power system
- DIN rail mounting for simple installation and maintenance
- Single-phase and 3-phase models

Model	M20B4/3+N M20B2/1+N	M40B4/3+N M40B2/1+N	M60B4/3+N M60B2/1+N	M80B4/3+N M80B2/1+N	M100B4/3+N M100B2/1+N	M120B4/3+N M120B2/1+N
Electrical Parameter						
Nominal Operating Voltage U _n	50/60Hz 220/380VAC or 110/190VAC					
Max. Continuous Operating Voltage U _c	385VAC					
Nominal Discharge Current (8/20μs) I _n	10kA	20kA	30kA	40kA	50kA	60kA
Max. Discharge Current (8/20μs) I _{max}	20kA	40kA	60kA	80kA	100kA	120kA
Protection Level @20kA, 8/20μs U _p	1500V					
Response Time t _A	25ns					
Protection Mode	Single-Phase: L/N-PE; L-N, N-PE; 3-Phase: L1/L2/L3/N-PE; L1/L2/L3-N, N-PE					
Rated Current	32A or 63A					
Mechanical characteristics						
Dimensions	400×300×120mm					
Weight	250-1200g					
Mounting	DIN-rail					
IP Level	IP20					
Environmental						
Temperature	-40 to 85℃					
Relative Humidity (non-condensing)	≤95%					
Standards Compliance	IEC61643-11, EN60950, BS-EN61643-11, EN60950, BS-EN61643-11					

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