



MM504N 1111

## Motor protection circuit breaker 3P 0.4-0.63A ; 0.09/0.12 kW at 230/415V

## **Technical properties**

Arcl	hite	cture
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Type of order	Short thumb-grip
Number of poles	3 P
Type of pole	3 P
Configuration	
Number of modules	2.5
Main electrical features	
Rated operational voltage Ue	690 V
Type of supply voltage	AC
Frequency	50/60 Hz
Voltage	
Rated insulation voltage	690 V
Rated impulse withstand voltage	6000 V
Electric current	
Rated current	0.63 A
Rated ultimate short-circuit breaking capacity Icu under 690V AC IEC 60947-2	150 kA
Magnetic regulating currrent	12.4 / 15.5 / 18.6 ln
Thermal trip setting with 30°	0.4 / 0.43 / 0.46 / 0.49 / 0.52 / 0.54 / 0.57 / 0.6 / 0.63 A
Rating current 0°C according to IEC 60947	0.63 A
Rating current 10°C according to IEC 60947	0.63 A
Rating current 20°C according to IEC 60947	0.63 A
Rating current 30°C according to IEC 60947	0.63 A
Rating current 40°C according to IEC 60947	0.63 A
Rating current 50°C according to IEC 60947	0.63 A
Rated service breaking capacity Ics AC according IEC 60947-2	100 %
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	150 kA
Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2	150 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	150 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	100 kA
Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2	150 kA

Equipment			
Automatic compensation of the temperature	-5 / 40 °C		

IN

Setting type In or Ith

Can be accessorized	Yes
Use cases	
Category of use	AC3
Standards	
Standard text	IEC 60947-4-1 ; EN 60947-4-1
European directive RoHs	voluntary compliance
Safety	
REACH conform	Yes
RoHS conform	Yes
Phase failure sensitive	Yes
Use conditions	
Operating temperature	-2555 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Storage/transport temperature	-2580 °C
temperatur	
Temperature of calibration	30 °C