



Moulded Case Circuit Breaker h3 x160 TM FIX 1P1D 16A 25kA CTC

Technical characteristics

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Type of order	Toggle
Neutral position	without neutral
Number of protected poles	1
Number of poles	1 P
Type of pole	1P1D
Type of case	Fixed built-in
Functions	
Complete device with protection unit	Yes
Trip Unit	TM F/F
Integrated earth fault protection	No
Concurrently switching N-neutral	No
Controls and indicators	
Motor drive integrated	No
Main electrical features	
Rated operational voltage Ue	220 / 240 V
Type of supply voltage	AC
Frequency	50/60 Hz
Voltage	
Rated insulation voltage	690 V
Rated impulse withstand voltage	8 kV
With under voltage release	No
Electric current	
Rated current	16 A
Thermal protection nob setting xIN	1
Rating current 10°C according to IEC 60947	22 A
Rating current 15°C according to IEC 60947	21.3 A
Rating current 20°C according to IEC 60947	20.6 A
Rating current 25°C according to IEC 60947	19.9 A
Rating current 30°C according to IEC 60947	19.2 A
Rating current 35°C according to IEC 60947	18.4 A
Rating current 40°C according to IEC 60947	17.6 A
Rating current 45°C according to IEC 60947	16.8 A
Rating current 50°C according to IEC 60947	16 A

Rating current 65°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Range of the thermal adjustment Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 25 kA Range of the thermal adjustment Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 25 kA Dimensions Depth of installed product Reight of installed product Height of installed product Frequency Frequency Footon 60 Hz Power Total power loss under IN 1.8 W Power loss per pole at In 1.8 W Endurance Electric endurance in number of cycles Number of mechanical operations 4000 Cover, door	Rating current 55°C according to IEC 60947	15 A
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Motor drive optional	No
Can be accessorized	Yes
Use cases	
Category of use	А
Standards	
Standard text	IEC 60947-2
European directive WEEE	concerned
Safety	
REACH conform	Yes
RoHS conform	Yes
Halogen free	No
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Altitude	2000 m
temperatur	
Temperature of calibration	50 °C