



HHA023Z

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

Technical characteristics

Neutral position	without neutral
Number of protected poles	1
Number of poles	1 P
Type of pole	1P1D
Functions	
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	25 A
Thermal protection nob setting xIN	1
Rating current 10°C according to IEC 60947	29.6 A
Rating current 15°C according to IEC 60947	29 A
Rating current 20°C according to IEC 60947	28.5 A
Rating current 25°C according to IEC 60947	27.9 A
Rating current 30°C according to IEC 60947	27.4 A
Rating current 35°C according to IEC 60947	26.8 A
Rating current 40°C according to IEC 60947	26.2 A
Rating current 45°C according to IEC 60947	25.6 A
Rating current 50°C according to IEC 60947	25 A
Rating current 55°C according to IEC 60947	24.3 A

Rated ultimate short-circuit breaking capacity leu under 230V AC IEC 60947-2 25 k Rated ultimate short-circuit breaking capacity leu under 240V AC IEC 60947-2 25 k Bange of the thermal adjustment 25 Rated ultimate short-circuit breaking capacity leu under 220V AC IEC 60947-2 25 k Dimensions 0 Depth of installed product 68 m Height of installed product 25 m Frequency 50 to 60 k Power 7 Total power loss under IN 4.31 Power 0 Total power loss under IN 4.31 Power loss per pole at In 4.31 Electric endurance in number of cycles 100 Number of mechanical operations 400 Installation, mounting 100 Tightening torque 6N Connection 6 / 70mm Connection cross-sect. figid cable 6 / 70mm Type of connection 6 / 70mm Settings 600 Equipment 600 Fugupent 600 Cable 6 / 70mm Ca	Rating current 70°C according to IEC 60947	22.3 A
capacity icu under 230V AC IEC 60947-2 25 k Rated ultimate short-circuit breaking capacity icu under 230V AC IEC 60947-2 25 k Range of the thermal adjustment 25 Dimensions 25 k Depth of installed product 66 m Height of installed product 66 m Height of installed product 05 to 60 k Prequency 50 to 60 k Power 7 Total power loss under IN 4.3 k Power loss per pole at In 4.3 k Power of mechanical operations 400 c Installation, mounting 100 c Tightening torque 6 k Connection 6 / 70mm Connection cross-sect. flexible conductor 6 / 70mm Cable 6 / 95mm Type of connection with scree Cable 600 Equipment 600 Number of auxillary contacts as normally colosed contact 600 Equipment 600 Cable 600 Equipment 600 Cable magnetic adjustment 600 Equipment of auxillary contacts as normally colosed con		25 kA
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Frequency 50 to 60 H Power 4.31 Total power loss under IN 4.31 Power loss per pole at In 4.31 Endurance 100 Number of mechanical operations 100 Number of mechanical operations 400 Installation, mounting 100 Tightening torque 6N Connection 6/ 70mm Connection cross-sect. flexible conductor 6 / 95mm Type of connection with scree Cable 0 Settings 0 Range of the magnetic adjustment 600 Equipment 600 Number of auxiliary contacts as normally closed contact 70 Number of auxiliary contacts as normally contacts as normally open contact 70 Number of auxiliary contacts as change-over contact 70 Use cases 20 Category of use 70	Height of installed product	130 mm
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Type of connection with scree Cable Cable Material	Connection cross-sect. flexible conductor	6 / 70mm²
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Can be accessorized Ye Use cases Category of use		0
Category of use		Yes
	Use cases	
Standards	Category of use	A
Standards	Standards	

Safety

Standard text

Yes
Yes
No
3

Altitude

temperatur

Temperature of calibration

2000 m