Product Datasheet
HHA020Z

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Moulded Case Circuit Breaker h3 x160 TM FIX 3P3D 20A 25kA CTC

Technical Features

Architecture

Neutral position	Without neutral
Number of poles	3

Compatibility

Suitable for DIN Rail	No

Connection

Cross-section flexible conductor	4 - 70 mm²
Cross-section rigid conductor	4 - 95 mm²

Connectivity

Type of connection	Screw terminal

Dimensions

Depth	68 mm
Height	130 mm
Width	75 mm

Electric current

Rated current	20 A
Rated current 10°C according to IEC 60947	24.90 A
Rated current 15°C according to IEC 60947	24.40 A
Rated current 20°C according to IEC 60947	23.80 A
Rated current 25°C according to IEC 60947	23.20 A
Rated current 30°C according to IEC 60947	22.60 A
Rated current 45°C according to IEC 60947	20.60 A
Rated current 50°C according to IEC 60947	20 A
Rated current 55°C according to IEC 60947	19.20 A
Rated current 65°C according to IEC 60947	17.70 A
Rated current 70°C according to IEC 60947	16.90 A
Rated current at 35°C according to IEC 60947	22 A
Rated current at 40°C according to IEC 60947	21.30 A
Rated current at 60°C according to IEC 60947	18.50 A
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	25 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	20 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	35 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	25 kA

Endurance

Electric endurance in number of cycles	1000
Number of mechanical operations	4000

Frequency

Frequency	50 - 60 Hz

Functions

Trip unit	TM F/F

Main electrical attributes

Magnetic protection trip time	0 - 0 ms

Power

Total power loss under IN	8.70 W

Safety

Ingress Protection (IP) class	IP4X

Settings	
Thermal protection knob setting xIN	1 1

Tripping	
Response time when opening	10 ms

Voltage	
Rated impulse withstand voltage Uimp	8000 V
Rated insulation voltage Ui	690 V

Sustainability	
REACH conform	Yes
RoHS conform	Yes