Product Datasheet
HDA126Z



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Moulded Case Circuit Breaker h3 x160 TM FIX 4P4D 125A 18kA CTC

Technical Features

Electric current	
Rated current IN	125 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	18 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	25 kA
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	18 kA
Rated current 10°C according to IEC 60947	148.80 A
Rated current 15°C according to IEC 60947	146 A
Rated current 20°C according to IEC 60947	143.20 A
Rated current 25°C according to IEC 60947	140.30 A
Rated current 30°C according to IEC 60947	137.40 A
Rated current at 35°C according to IEC 60947	134.40 A
Rated current at 40°C according to IEC 60947	131.30 A
Rated current 45°C according to IEC 60947	128.20 A
Rated current 50°C according to IEC 60947	125 A
Rated current 55°C according to IEC 60947	121.60 A
Rated current at 60°C according to IEC 60947	118.20 A
Rated current 65°C according to IEC 60947	114.70 A
Rated current 70°C according to IEC 60947	111.10 A
Architecture	
Number of poles	4
Control/operation element	Toggle
Device construction type	Fixed built-in
Tripping	
Response time when opening	10 ms
Frequency	
Frequency	50 - 60 Hz
Voltage	
Rated impulse withstand voltage Uimp	8000 V
Rated insulation voltage Ui	690 V
Rated operational voltage Ue	220 - 415 V
Functions	
Trip unit	TM F/F
Power	
Power dissipation at IN	33 W
Endurance	
Electric endurance in number of cycles	10000
Number of mechanical operations	20000
Safety	
Ingress Protection (IP) class	IP4X
Connection	
Cross-section flexible conductor	4 - 70 mm^2
Cross-section rigid conductor	4 - 95 mm^2
Installation, mounting	
Mounting-/Connection Position	Front
Connectivity	
Type of connection	Screw terminal

Settings

Thermal protection knob setting xIN	1 1

Dimensions

Height	130 mm
Width	100 mm
Depth	68 mm

Compatibility

Suitable for DIN Rail	Yes

Main electrical attributes

Magnetic protection trip time	0 - 0 ms

Sustainability

REACh-SVHC free	Yes
RoHS conform	Yes