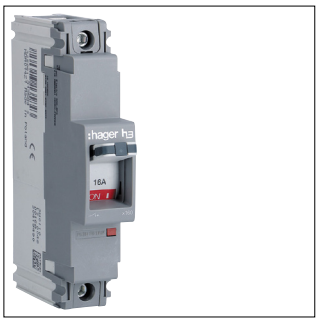
Product Datasheet
HDA014Z



HDA014Z

Moulded Case Circuit Breaker h3 x160 TM FIX 1P1D 16A 18kA CTC

Technical Features

Electric current

Rated current	16 A
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	18 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	18 kA
Rated current 10°C according to IEC 60947	22 A
Rated current 15°C according to IEC 60947	21,30 A
Rated current 20°C according to IEC 60947	20,60 A
Rated current 25°C according to IEC 60947	19,90 A
Rated current 30°C according to IEC 60947	19,20 A
Rated current at 35°C according to IEC 60947	18,40 A
Rated current at 40°C according to IEC 60947	17,60 A
Rated current 45°C according to IEC 60947	16,80 A
Rated current 50°C according to IEC 60947	16 A
Rated current 55°C according to IEC 60947	15 A
Rated current at 60°C according to IEC 60947	14,10 A
Rated current 65°C according to IEC 60947	13 A
Rated current 70°C according to IEC 60947	11,90 A

Architecture

Number of poles	1
Neutral position	Without neutral

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 - 240 V

Functions

Trip unit	TM F/F

Power

Total power loss under IN	1,80 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	6 - 70 mm^2
Cross-section rigid conductor	6 - 95 mm^2

Installation, mounting

Nominal tightening torque	6 - 6 Nm

Connectivity

Type of connection	Screw terminal

Settings

Thermal protection knob setting xIN	1
	1

Cable	
Cable material	Copper
Dimensions	
Height	130 mm
Width	25 mm
Depth	68 mm
Compatibility	
Suitable for DIN Rail	No
Installation, mounting	
Nominal tightening torque down terminal	6 - 6 Nm
Nominal tightening torque top terminal	6 - 6 Nm
Main electrical attributes	
Magnetic protection trip time	0 - 0 ms
Sustainability	
REACh-SVHC free	Yes
RoHS conform	Yes