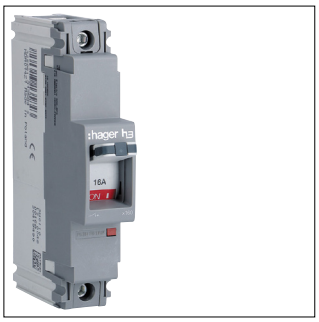
Product Datasheet
HDA014E



HDA014E

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

Technical Features

Electric current	
Rated current IN	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 at 10°C according to IEC 60947	22 A
Rated current at 15°C according to IEC 60947	21.30 A
Rated current at 20°C according to IEC 60947	20.60 A
Rated current at 25°C according to IEC 60947	19.90 A
Rated current at 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 at 45°C according to IEC 60947	16.80 A
Rated current at 50°C according to IEC 60947	16 A
Rated current at 55°C according to IEC 60947	15 A
Rated current at 60°C according to IEC 60947	14.10 A
Rated current at 65°C according to IEC 60947	13 A
Rated current at 70°C according to IEC 60947	11.90 A
Architecture	
Number of poles	1
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Without neutral
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	
Power dissipation at IN	1.89 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 mm²
Cross-section rigid conductor	6 - 95 mm²
Installation, mounting	
Nominal tightening torque	6 - 6 Nm
Mounting-/Connection Position	Front
Connectivity	
Type of connection	Screw terminal
Settings	
Thermal protection knob setting xIN	1 1
Adjustment range short-term delayed short-circuit release	0 - 0 A

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