Product Datasheet
HHS018EC

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Moulded Case Circuit Breaker h3+ P160 TM FIX 1P1D 20A 25kA CTC

Technical Features

Electric current	
Rated current	20 A
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	20 kA
Rated current 10°C according to IEC 60947	25.40 A
Rated current 15°C according to IEC 60947	24.80 A
Rated current 20°C according to IEC 60947	24.20 A
Rated current 25°C according to IEC 60947	23.50 A
Rated current 30°C according to IEC 60947	22.80 A
Rated current at 35°C according to IEC 60947	22.20 A
Rated current at 40°C according to IEC 60947	21.40 A
Rated current 45°C according to IEC 60947	20.70 A
Rated current 50°C according to IEC 60947	20 A
Rated current 55°C according to IEC 60947	19.20 A
Rated current at 60°C according to IEC 60947	18.30 A
Rated current 65°C according to IEC 60947	17.50 A
Rated current 70°C according to IEC 60947	16.60 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	800 V
Functions	
Trip unit	TM F/F
Power	
Total power loss under IN	3.39 W
Endurance	
Electric endurance in number of cycles	1000
Number of mechanical operations	4000
Safety	
Ingress Protection (IP) class	IP4X
Installation, mounting	
Mounting-/Connection Position	Front
Connectivity	
Type of connection	Screw terminal
Cover, door	
Interlockable	No
Settings	
Thermal protection knob setting xIN	1 1

Dimensions	
Height	130 mm
Width	30 mm
Depth	68 mm

Compatibility	
Compatible with RDC AOB	No
Suitable for DIN Rail	No

Sustainability	
REACh-SVHC free	Yes