Moulded Case Circuit Breaker h3 x160 TM FIX 2P2D 63A 18kA FTC

Technical Features

Electric current	
Rated current	63 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	76.40 A
Rated current 15°C according to IEC 60947	74.90 A
Rated current 20°C according to IEC 60947	73.30 A
Rated current 25°C according to IEC 60947	71.70 A
Rated current 30°C according to IEC 60947	70 A
Rated current at 35°C according to IEC 60947	68.30 A
Rated current at 40°C according to IEC 60947	66.60 A
Rated current 45°C according to IEC 60947	64.80 A
Rated current 50°C according to IEC 60947	63 A
Rated current 55°C according to IEC 60947	61.10 A
Rated current at 60°C according to IEC 60947	59.10 A
Rated current 65°C according to IEC 60947	57.10 A
Rated current 70°C according to IEC 60947	55 A

Architecture	
Number of poles	2
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 - 415 V

Functions	
Trip unit	TM F/F

Power	
Total power loss under IN	14.20 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

Settings	
Thermal protection knob setting xIN	1 1

Dimensions	
Height	130 mm
Width	50 mm
Depth	68 mm

Compatibility

Suitable for DIN Rail	No

Main electrical attributes

Magnetic protection trip time	0 - 0 ms

Sustainability

REACh-SVHC free	Yes