Moulded Case Circuit Breaker h3 x160 TM FIX 2P2D 100A 25kA FTC

Technical Features

Electric current	
Rated current	100 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	25 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	35 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	20 kA
Rated current 10°C according to IEC 60947	120.50 A
Rated current 15°C according to IEC 60947	118.10 A
Rated current 20°C according to IEC 60947	115.70 A
Rated current 25°C according to IEC 60947	113.20 A
Rated current 30°C according to IEC 60947	110.70 A
Rated current at 35°C according to IEC 60947	108.10 A
Rated current at 40°C according to IEC 60947	105.50 A
Rated current 45°C according to IEC 60947	102.70 A
Rated current 50°C according to IEC 60947	100 A
Rated current 55°C according to IEC 60947	97.10 A
Rated current at 60°C according to IEC 60947	94.10 A
Rated current 65°C according to IEC 60947	91.10 A
Rated current 70°C according to IEC 60947	87.90 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	26 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