Moulded Case Circuit Breaker h3 x160 TM FIX 4P4D 25A 25kA FTC

Technical Features

Electric current	
Rated current	25 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	29.30 A
Rated current 15°C according to IEC 60947	28.80 A
Rated current 20°C according to IEC 60947	28.30 A
Rated current 25°C according to IEC 60947	27.70 A
Rated current 30°C according to IEC 60947	27.20 A
Rated current at 35°C according to IEC 60947	26.70 A
Rated current at 40°C according to IEC 60947	26.10 A
Rated current 45°C according to IEC 60947	25.50 A
Rated current 50°C according to IEC 60947	25 A
Rated current 55°C according to IEC 60947	24.40 A
Rated current at 60°C according to IEC 60947	23.70 A
Rated current 65°C according to IEC 60947	23.10 A
Rated current 70°C according to IEC 60947	22.50 A
Architecture	
Number of poles	4
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	13.70 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	100 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
RoHS conform	Yes