Moulded Case Circuit Breaker h3 x160 TM FIX 3P3D 125A 40kA FTC

Technical Features

Electric current	
Rated current	125 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	40 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	85 kA
Rated ultimate short-circuit breaking capacity Icu under 690 V AC IEC 60947-2	6 kA
Rated current 10°C according to IEC 60947	148.80 A
Rated current 15°C according to IEC 60947	146 A
Rated current 20°C according to IEC 60947	143.20 A
Rated current 25°C according to IEC 60947	140.30 A
Rated current 30°C according to IEC 60947	137.40 A
Rated current at 35°C according to IEC 60947	134.40 A
Rated current at 40°C according to IEC 60947	131.30 A
Rated current 45°C according to IEC 60947	128.20 A
Rated current 50°C according to IEC 60947	125 A
Rated current 55°C according to IEC 60947	121.60 A
Rated current at 60°C according to IEC 60947	118.20 A
Rated current 65°C according to IEC 60947	114.70 A
Rated current 70°C according to IEC 60947	111.10 A
Architecture	
Number of poles	3
Control/operation element	Toggle
Device construction type	Fixed built-in
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	33 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
Installation, mounting	
Nominal tightening torque	4 - 4 Nm
Mounting-/Connection Position	Front
Settings	
Thermal protection knob setting xIN	1 1

Settings	
Adjustment range short-term delayed short-circuit release	0 - 0 A
Compatibility	
Suitable for DIN Rail	No
Main electrical attributes	
Magnetic protection trip time	0 - 0 ms
Sustainability	
REACh-SVHC free	Yes