

Specificații



Imaginile sunt doar cu titlu informativ

Eaton 170250

Eaton Distribution parts. Residual-current circuit breaker trip block for AZ, 125A, 4p, 30mA, type AC

General specifications

PRODUCT NAME	Eaton Moeller series xEffect - FBHmV RCCB add-on unit
CATALOG NUMBER	170250
EAN	4015081666737
PRODUCT LENGTH/DEPTH	94.5 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.538 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	EN45545-2 IEC 61373 IEC/EN 60947-2
MODEL CODE	FBHmV-125/4/003



Specificații produs

USED WITH

Add-on residual current

Resurse

DECLARATIONS OF

[DA-DC-03 FBHmV](#)

	protection unit FBHmV Type AC
TYPE	<ul style="list-style-type: none"> • Add-on residual current protection unit • FBHmV • Type AC
SPECIAL FEATURES	Ambient temperature hint: Starting at 40 °C, the max. permissible continuous current decreases by 3% for every 1 °C
APPLICATION	<ul style="list-style-type: none"> • Switchgear for industrial and advanced commercial applications • xEffect - Switchgear for industrial and advanced commercial applications
AMPERAGE RATING	125 A
FEATURES	Additional equipment possible Add-on residual current protection unit
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.

CONFORMITY

10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be evaluated.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be evaluated.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be evaluated.
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
FITTED WITH:	Interlocking device
FRAME	45 mm
FREQUENCY RATING	50 Hz
POLLUTION DEGREE	2
MOUNTING METHOD	Screwed onto AZ 2-, 3-, 4-pole; Z-BHASA DIN rail
CLIMATIC PROOFING	25-55 °C / 90-95% relative humidity according to IEC 60068-2
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	39.7 W
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
RATED SHORT-TIME WITHSTAND CURRENT (ICW)	0 kA 10 kA
BUILT-IN WIDTH (NUMBER OF UNITS)	95 mm (5.5 SU)
TERMINAL PROTECTION	Finger and hand touch safe, DGUV VS3, EN 50274
TERMINALS (TOP AND BOTTOM)	Lift terminals
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING	-25 °C

TEMPERATURE - MIN	
BUILT-IN DEPTH	70 mm
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	50 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	2.5 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	50 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	2.5 mm ²
FAULT CURRENT RATING	30 mA
HEAT DISSIPATION CAPACITY	0 W
HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT	0 W
PERMITTED STORAGE AND TRANSPORT TEMPERATURE - MAX	60 °C
PERMITTED STORAGE AND TRANSPORT TEMPERATURE - MIN	-35 °C
LIFESPAN, MECHANICAL	8000 operations
DEGREE OF PROTECTION	IP20, IP40 with suitable enclosure IP20
IMPULSE WITHSTAND CURRENT	Partly surge-proof 250 A
NUMBER OF POLES	Four-pole
LEAKAGE CURRENT TYPE	AC
LIFESPAN, ELECTRICAL	1000 operations
SENSITIVITY TYPE	AC current sensitive
RATED FAULT CURRENT - MAX	0.03 A
RATED FAULT CURRENT - MIN	0.03 A
RATED INSULATION VOLTAGE (UI)	440 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	125 A
RATED OPERATIONAL VOLTAGE (UE) - MAX	415 V
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT	0 W
SURGE CURRENT	0.25 kA

CAPACITY	
VOLTAGE RATING - MAX	415 V
VOLTAGE RATING - MIN	240 V
WIDTH IN NUMBER OF MODULAR SPACINGS	5.5
TRIPPING TIME	Non-delayed
RATED SHORT-CIRCUIT STRENGTH	Same as connected AZ

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATA:



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