Specyfikacje

Zdjęcie jest reprezentatywne

Eaton 112932

Eaton Moeller series xPole - PF6/7 RCCB. PF6, 4 pole, In: 25 A, Icn: 6 kA, IΔN: 0.3 A, Type A, Pulse-current sensitive, Partly surge-proof 250 A, residential and commercial

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PF6/7 RCCB
CATALOG NUMBER	112932
EAN	4015081124701
PRODUCT LENGTH/DEPTH	76 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	70 mm
PRODUCT WEIGHT	0.32 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 61008
MODEL CODE	PF6-25/4/03-A

Powering Business Worldwide

Dostawa

APPLICATION	• Residual current circuit breaker for residential and commercial applications • xPole - Switchgear for residential and commercial applications
NUMBER OF POLES	Four-pole
TRIPPING TIME	Non-delayed
AMPERAGE RATING	25 A
RATED SHORT-CIRCUIT STRENGTH	6 kA
FAULT CURRENT RATING	300 mA
SENSITIVITY TYPE	Pulse-current sensitive
IMPULSE WITHSTAND CURRENT	Partly surge-proof 250 A
TYPE	• PF6 • Residual current circuit breakers • Type A

Elektryczne dane techniczne

VOLTAGE RATING	230 V AC / 400 V AC
RATED OPERATIONAL VOLTAGE (UE) - MAX	400 V
RATED INSULATION VOLTAGE (UI)	440 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
RATED FAULT CURRENT - MIN	0.3 A
RATED FAULT CURRENT - MAX	0.3 A
FREQUENCY RATING	50 Hz
SHORT-CIRCUIT RATING	63 A (max. admissible back-up fuse)
LEAKAGE CURRENT TYPE	A
RATED RESIDUAL MAKING AND BREAKING CAPACITY	500 A
ADMISSIBLE BACK-UP FUSE OVERLOAD - MAX	25 A gG/gL
RATED SHORT-TIME WITHSTAND CURRENT (ICW)	6 kA
SURGE CURRENT CAPACITY	0.25 kA
TEST CIRCUIT RANGE	184 V AC - 440 V AC
POLLUTION DEGREE	2
LIFESPAN, ELECTRICAL	4000 operations

Mechaniczne dane techniczne

FRAME	45 mm
WIDTH IN NUMBER OF MODULAR SPACINGS	4
BUILT-IN WIDTH (NUMBER OF UNITS)	70 mm (4 SU)
BUILT-IN DEPTH	69.5 mm
MOUNTING METHOD	Quick attachment with 2 latch positions for DIN-rail IEC/EN 60715 DIN rail
DEGREE OF PROTECTION	IP20, IP40 with suitable enclosure IP20
TERMINALS (TOP AND BOTTOM)	Open mouthed/lift terminals
TERMINAL CAPACITY (SOLID WIRE)	1.5 mm^2 - 35 mm^2
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1.5 mm^2
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	35 mm^2
TERMINAL CAPACITY (STRANDED CABLE)	16 mm^2 (2x)
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1.5 mm^2
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	16 mm^2
TERMINAL PROTECTION	Finger and hand touch safe, DGUV VS3, EN 50274
BUSBAR MATERIAL THICKNESS	0.8 mm - 2 mm
LIFESPAN, MECHANICAL	20000 operations
PERMITTED STORAGE AND TRANSPORT TEMPERATURE - MIN	-35 °C
PERMITTED STORAGE AND TRANSPORT TEMPERATURE - MAX	60 °C
CLIMATIC PROOFING	25-55 °C / 90-95% relative

Weryfikacja projektu zgodnie z IEC/EN 61439 - dane techniczne

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	25 A
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	2.8 W
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W
HEAT DISSIPATION CAPACITY	0 W
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE - MAX	55 °C

	humidity according to IEC 60068-2

Weryfikacja projektu zgodnie z IEC/EN 61439

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.
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	Is the panel builder's

Dodatkowe informacje

ACCESSORIES REQUIRED	Z-HK 248432
FEATURES	Residual current circuit breaker Additional equipment possible
FITTED WITH:	Interlocking device IS/SPE-1TE 101911
SPECIAL FEATURES	• Maximum operating temperature is 55 °C: Starting at 40 °C, the max. permissible continuous current decreases by 3% for every 1 °C • Tripping signal contact for subsequent installation Z-NHK 248434
USED WITH	KLV-TC-4 276241 (Compact enclosure) Z-FW/LP 248296 (Remote control and automatic switching device) Z-RC/AK-4TE 101062 (sealing cover set) PF6 Residual current circuit breakers Type A KLV-TC-4 276241 (Compact enclosure) Z-FW/LP 248296 (Remote control and automatic switching device) Z-RC/AK-4TE 101062 (sealing cover set)

ENCLOSURES MADE OF INSULATING MATERIAL	responsibility.
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.

Do pobrania

DEKLARACJE ZGODNOŚCI	eaton-rccb-declaration-of-conformity-eu250102en.pdf
INSTRUKCJE MONTAŻU	eaton-rccb-rcbo-g9-il019140zu.pdf
KATALOGI	eaton-xpole-pf6-rccb-catalog-ca019034en-en-us.pdf eaton-xpole-pf7-rccb-catalog-ca019032en-en-us.pdf
MODELE MCAD	eaton-residual-current-circuit-breakers-3d-models-pfi-4p.stp eaton-residual-current-circuit-breakers-drawings-pfi-4p.dwg
PEP ECO-PASSPORT	eaton-residual-current-circuit-breakers-pep-eato-00111-v0101-en.pdf
RYSUNKI	eaton-xpole-pf67-rccb-3d-drawing.jpg eaton-circuit-breaker-xeffect-frcmm-rccb-dimensions.jpg

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATA:	

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