Specifications

Eaton 236116

Eaton Moeller series xPole - PXL MCB. Miniature circuit breaker (MCB), 10 A, 1p+N, characteristic: B

General specifications		
PRODUCT NAME	Eaton Moeller series xPole - PXL MCB	
CATALOG NUMBER	236116	
EAN	4015082361167	
PRODUCT LENGTH/DEPTH	80 mm	
PRODUCT HEIGHT	75 mm	
PRODUCT WIDTH	35 mm	
PRODUCT WEIGHT	0.189 kg	
COMPLIANCES	RoHS conform	
MODEL CODE	PXL-B10/1N	



Product specifications		
USED WITH	Miniature circuit breaker PXL	
AMPERAGE RATING	10 A	
FEATURES	Additional equipment possible Concurrently switching N-neutral	
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.	
10.2.6 MECHANICAL	Does not apply, since the	

Resources	
DECLARATIONS OF CONFORMITY	DA-DC-03 PXL
ECAD MODEL	DA-CE-ETN.PXL-B10 1N
INSTALLATION INSTRUCTIONS	eaton-rccb-rcbo-g9- il019140zu.pdf
MCAD MODEL	pls 2p.dwg pls 2p.stp
PEP ECO-PASSPORT	EATO-00046-V01.01-EN

IMPACT 10.2.7 INSCRIPTIONS Meets the product standard's requirements. 10.3 DEGREE OF PROTECTION OF ASSEMBLIES 10.4 CLEARANCES AND CREEPAGE DISTANCES 10.5 PROTECTION AGAINST ELECTRIC SHOCK 10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS 10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS 10.8 CONNECTIONS 10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH 10.9.3 IMPULSE WITHSTAND VOLTAGE 10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL POLLUTION DEGREE DEGREE OF PROTECTION EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT RATED IMPULSE WITHSTAND VOLTAGE (UIMP) TRIPPING CHARACTERISTIC AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN BUILT-IN DEPTH CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. Is the pa	10.2.7 INSCRIPTIONS Meets the standard of the part of	ated. ne product d's requirements. t apply, since the witchgear needs to ated. ne product d's requirements. t apply, since the	
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TEMPERATURE - MIN BUILT-IN DEPTH 70.5 mm CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) 25 mm²	55 °C		
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) 25 mm ²	-25 °C	-25 °C	
CONDUCTOR CROSS SECTION (MULTI-WIRED) 25 mm ²	BUILT-IN DEPTH 70.5 mm	70.5 mm	
	CONDUCTOR CROSS SECTION (MULTI-WIRED) 25 mm ²	l	
CONNECTABLE 1 mm ²	CONNECTABLE 1 mm ²		

CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN		
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	25 mm²	
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm²	
CURRENT LIMITING CLASS	3	
FREQUENCY RATING - MAX	60 Hz	
FREQUENCY RATING - MIN	50 Hz	
HEAT DISSIPATION CAPACITY	0 W	
HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT	0 W	
WIDTH IN NUMBER OF MODULAR SPACINGS	1.5	
VOLTAGE TYPE	AC	
OVERVOLTAGE CATEGORY	III	
NUMBER OF POLES	Single-pole + N	
RELEASE CHARACTERISTIC	В	
ТҮРЕ	Miniature circuit breakerPXL	
SPECIAL FEATURES	Maximum operating temperature is 75 °C: Starting at 55 °C a 1 °C results in a 0.5% linear reduction of current carrying capacity	
APPLICATION	 Switchgear for residential and commercial applications xPole - Switchgear for residential and commercial applications 	

NUMBER OF POLES (PROTECTED)	1
NUMBER OF POLES (TOTAL)	2
RATED INSULATION VOLTAGE (UI)	440 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	10 A
RATED OPERATIONAL VOLTAGE (UE) - MAX	230 V
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 230 V	10 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 400 V	10 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 230 V	0 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 400 V	0 kA
RATED SWITCHING CAPACITY (IEC/EN 60898- 1)	10 kA
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT	0 W
POWER LOSS	2 W

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	



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