

Especificaciones



La foto es representativa

Eaton 242883

Eaton Moeller series xPole - PLS6/M MCB.
PLS6, 2-pole, tripping characteristic: C, rated
current I_n : 32 A, rated switching capacity
IEC/EN 60898-1: 6 kA

Especificaciones generales

PRODUCT NAME	Eaton Moeller series xPole - PLS6/M MCB
CATALOG NUMBER	242883
EAN	4015082428839
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	35 mm
PRODUCT WEIGHT	0.24 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	CE
MODEL CODE	PLS6-C32/2-MW



Powering Business Worldwide

Delivery program

- APPLICATION**
- Switchgear for residential and commercial applications
 - xPole - Switchgear for residential and commercial applications

NUMBER OF POLES Two-pole

NUMBER OF POLES (TOTAL) 2

NUMBER OF POLES (PROTECTED) 2

TRIPPING CHARACTERISTIC C

RELEASE CHARACTERISTIC C

AMPERAGE RATING 32 A

- TYPE**
- Miniature circuit breaker
 - PLS6

Technical Data - Mechanical

WIDTH IN NUMBER OF MODULAR SPACINGS 2

BUILT-IN DEPTH 70.5 mm

DEGREE OF PROTECTION IP20

CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN 1 mm²

CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX 25 mm²

CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN 1 mm²

CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX 25 mm²

Technical Data - Electrical

VOLTAGE TYPE AC

RATED OPERATIONAL VOLTAGE (UE) - MAX 400 V

RATED INSULATION VOLTAGE (UI) 440 V

RATED IMPULSE WITHSTAND VOLTAGE (UIMP) 4 kV

FREQUENCY RATING - MIN 50 Hz

FREQUENCY RATING - MAX 60 Hz

RATED SWITCHING CAPACITY (IEC/EN 60898-1) 6 kA

OVERVOLTAGE CATEGORY III

POLLUTION DEGREE 2

Design verification as per IEC/EN 61439 - technical data

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) 32 A

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT 0 W

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT 8.1 W

STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT 0 W

HEAT DISSIPATION CAPACITY 0 W

AMBIENT OPERATING TEMPERATURE - MIN -25 °C

AMBIENT OPERATING TEMPERATURE - MAX 75 °C

Design verification as per 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 ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
10.10 TEMPERATURE RISE	The panel builder is responsible for the

Additional information

CURRENT LIMITING CLASS	3
FEATURES	Additional equipment possible
SPECIAL FEATURES	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
USED WITH	Miniature circuit breaker PLS6

	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.

Recursos

CHARACTERISTIC CURVE	eaton-xpole-mmc4-6-m-mcb-characteristic-curve-002.jpg
DIBUJOS	eaton-xpole-mmc4-6-m-mcb-dimensions.jpg eaton-xpole-mmc4-6-m-mcb-3d-drawing-004.jpg
ECAD MODEL	ETN.PLS6-C32_2-MW
ESQUEMAS ELÉCTRICOS	eaton-xpole-mmc4-6-m-mcb-wiring-diagram-003.jpg
INSTRUCCIONES DE MONTAJE	eaton-rccb-rcho-g9-il019140zu.pdf
MCAD MODEL	eaton-non-selective-universal-mcb-mcad-drawings-faz-1pn-2p.dwg pls_2p.stp
PEP ECO-PASSPORT	EATO-00046-V01.01-EN

NOMBRE DE PROYECTO:

NÚMERO DE PROYECTO:

PREPARADO POR:

FECHA:



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