

Specifications



Photo is representative

Eaton 264985

Eaton Moeller series xPole - PLS6/M
Miniature circuit breaker (MCB), 32 A, 4p,
characteristic: OV

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PLS6/M MCB
CATALOG NUMBER	264985
MODEL CODE	PLSM-OV32/4
EAN	4015082649852
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	72 mm
PRODUCT WIDTH	70.4 mm
PRODUCT WEIGHT	0.48 kg
COMPLIANCES	RoHS conform



Powering Business Worldwide

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

Design verification to IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE - MAX

75 °C

AMBIENT OPERATING TEMPERATURE - MIN

-25 °C

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT

3 W

HEAT DISSIPATION CAPACITY

0 W

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT

0 W

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)

32 A

STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT

0 W

Delivery programme

AMPERAGE RATING

32 A

APPLICATION

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

NUMBER OF POLES

Four-pole

NUMBER OF POLES (PROTECTED)

4

NUMBER OF POLES (TOTAL)

4

RELEASE CHARACTERISTIC

Other

TYPE

- Miniature circuit breaker
- PLSM

Technical data - electrical

FREQUENCY RATING - MAX

60 Hz

FREQUENCY RATING - MIN

50 Hz

OVERVOLTAGE CATEGORY

III

POLLUTION DEGREE

2

RATED IMPULSE WITHSTAND VOLTAGE (UIMP)

4 kV

RATED INSULATION VOLTAGE (UI)

440 V

RATED OPERATIONAL VOLTAGE (UE) - MAX

400 V

RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V

10 kA

RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V

10 kA

VOLTAGE TYPE

AC

Technical data - mechanical

BUILT-IN DEPTH	70.5 mm
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CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	25 mm ²
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CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm ²
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CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	25 mm ²
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CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm ²
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DEGREE OF PROTECTION	IP20
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WIDTH IN NUMBER OF MODULAR SPACINGS	4
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Resources

CATALOGUES	eaton-xpole-protective-devices-catalog-ca019014en-en-us.pdf
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DECLARATIONS OF CONFORMITY	eaton-mcb-declaration-of-conformity-eu251398en.pdf eaton-mcb-declaration-of-conformity-uk251442en.pdf
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ECAD MODEL	ETN.PLSM-OV32_4.edz
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INSTALLATION INSTRUCTIONS	eaton-mcb-rccb-rcbo-g9-il019140zu.pdf
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MCAD MODEL	eaton-non-selective-universal-mcb-mcad-3d-models-faz-xxx-4p.stp
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PEP ECO-PASSPORT	eaton-non-selective-universal-mcb-pep-eato-00046-v0102-en.pdf
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PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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