

INDUSTRIAL COMPONENT DATA

PLS6-C16/2-MW 242880 Y7-242880 EATON ELECTRIC Over current switch, 16A, 2 p, type C characteristic

Brand: EATON - MOELLER | Manufacturer Part Number: PLS6-C16/2-MW



Manufacturer	EATON - MOELLER
MPN / Reference	PLS6-C16/2-MW
Catalog number	Y7-242880
Category	Miniature circuit breaker (MCB)
Minimum order	1 unit
Document ID	EO-1ECA18CD5D
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Product Overview

Over current switch, 16A, 2 p, type C characteristic

PLS6-C16/2-MW

Eaton Moeller series xPole - PLS6/M MCB. PLS6, 2-pole, tripping characteristic: C, rated current In: 16 A, rated switching capacity IEC/EN 60898-1: 6 kA

Miniature circuit breaker (MCB), PLS6, 2-pole, tripping characteristic: C, rated current In: 16 A, rated switching capacity according to IEC/EN 60898-1: 6 kA, Switchgear for residential and commercial applications

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Built-in depth (EF000218)	70.5 mm
Release characteristic (EF000889)	C
Number of poles (total) (EF008618)	2
Number of protected poles (EF005548)	2
Rated current (EF000227)	16 A
Rated voltage (EF000228)	400 V
Rated insulation voltage Ui (EF001366)	440 V
Rated impulse withstand voltage Uimp (EF011980)	4 kV
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V (EF009556)	6 kA
Voltage type (EF000187)	AC
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V (EF009555)	6 kA
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V (EF009557)	0 kA

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V (EF009558)	0 kA
Frequency (EF000416)	50 Hz
Power loss (EF005387)	4.9 W
Current limiting class (EF002568)	3
Flush-mounted installation (EF007517)	No
Concurrently switching neutral conductor (EF005997)	No
Over voltage category (EF002569)	3
Pollution degree (EF002570)	2
Additional equipment possible (EF008148)	Yes
Width in number of modular spacings (EF002950)	2
Degree of protection (IP) (EF005474)	IP20
Ambient temperature during operating (EF007515)	-25 °C
Connectable conductor cross section multi-wired (EF007343)	1 mm²
Connectable conductor cross section solid-core (EF007337)	1 mm²
Explosion-proof (EF004663)	No

Classification & Catalog Path

Catalog path	EATON - MOELLER > Residential Switchgear
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Additional Product Information

General specifications

Product Name Eaton Moeller series xPole - PLS6/M MCB Catalog Number 242880 Model Code PLS6-C16/2-MW EAN 4015082428808 Product Length/Depth 85 mm Product Height 73 mm Product Width 35 mm Product Weight 0.24 kg

Compliances RoHS conform Certifications CE Product specifications

Type Special features Ambient temperature hint: a 1 °C increase 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

Amperage Rating 16 A Features Additional equipment possible 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 info...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PLS6-C16/2-MW with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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