

INDUSTRIAL COMPONENT DATA

PLS6-C10/3-MW 242945 Y7-242945 EATON ELECTRIC Over current switch, 10A, 3 p, type C characteristic

Brand: EATON - MOELLER | Manufacturer Part Number: PLS6-C10/3-MW



Manufacturer	EATON - MOELLER
MPN / Reference	PLS6-C10/3-MW
Catalog number	Y7-242945
Category	Miniature circuit breaker (MCB)
Minimum order	1 unit
Document ID	EO-B52FE09A6F
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Product Overview

Over current switch, 10A, 3 p, type C characteristic

PLS6-C10/3-MW

Eaton Moeller series xPole - PLS6/M MCB. PLS6, 3-pole, tripping characteristic: C, rated current In: 10 A, rated switching capacity IEC/EN 60898-1: 6 kA

Miniature circuit breaker (MCB), PLS6, 3-pole, tripping characteristic: C, rated current In: 10 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)	3
Number of protected poles (EF005548)	3
Rated current (EF000227)	10 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)	4.5 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)	3
Degree of protection (IP) (EF005474)	IP20
Ambient temperature during operating (EF007515)	-25 °C
Connectable conductor cross section multi-wired (EF007343)	1 mm ²
Connectable conductor cross section solid-core (EF007337)	1 mm ²
Explosion-proof (EF004663)	No

Classification & Catalog Path

Catalog path	EATON - MOELLER > Modular Switchgear - Big Home
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Additional Product Information

General specifications

Product Name Eaton Moeller series xPole - PLS6/M MCB

Catalog Number 242945

Model Code PLS6-C10/3-MW

EAN 4015082429454

Product Length/Depth 85 mm

Product Height 73 mm

Product Width 52.5 mm

Product Weight 0.36 kg

Compliances RoHS conform

Certifications CE

Delivery program

Application Switchgear for residential and commercial applications

xPole - Switchgear for residential and commercial applications

Number of poles Three-pole

Number of poles (total) 3

Number of poles (protected) 3

Tripping characteristic C
Release characteristic C
Amperage Rating 10 A
Type Miniature circuit breaker
PLS6
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
Technical Data - Mechanical
Width in number of modular spacings 3
Built-in depth 70.5 mm
Degree of protection IP20
Connectable conductor cross section (solid-core) - mi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PLS6-C10/3-MW with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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