

INDUSTRIAL COMPONENT DATA

P1MB1PC16 LOVATO MINIATURE CIRCUIT BREAKER, 1P 10KA. 1 MODULE, CHARACTERISTIC C, 16A

Brand: LOVATO ELECTRIC | Manufacturer Part Number: P1MB1PC16



Manufacturer	LOVATO ELECTRIC
MPN / Reference	P1MB1PC16
Catalog number	P1MB1PC16
Category	Miniature circuit breaker (MCB)
Minimum order	1 unit
Document ID	EO-7C13D82D36
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Product Overview

MINIATURE CIRCUIT BREAKER, 1P - 10KA. 1 MODULE, CHARACTERISTIC C, 16A

MINIATURE CIRCUIT BREAKER 1P C 16A 10KA

Miniature circuit breaker, 1P - 10kA. 1 module, characteristic C, 16A

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Degree of protection (IP) (EF005474)	IP20
Release characteristic (EF000889)	C
Voltage type (EF000187)	AC/DC
Ambient temperature during operating (EF007515)	-40 °C
Connectable conductor cross section solid-core (EF007337)	1 mm ²
Frequency (EF000416)	50 Hz
Additional equipment possible (EF008148)	Yes
Flush-mounted installation (EF007517)	No
Concurrently switching neutral conductor (EF005997)	Yes
Explosion-proof (EF004663)	No
Rated impulse withstand voltage Uimp (EF011980)	4 kV
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V (EF009558)	10 kA
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V (EF009557)	10 kA
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V (EF009556)	10 kA

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V (EF009555)	10 kA
Number of poles (total) (EF008618)	1
Number of protected poles (EF005548)	1
Width in number of modular spacings (EF002950)	1
Pollution degree (EF002570)	2
Over voltage category (EF002569)	3
Rated insulation voltage Ui (EF001366)	1000 V
Rated voltage (EF000228)	230 V
Rated current (EF000227)	16 A
Built-in depth (EF000218)	66 mm

Classification & Catalog Path

Catalog path	LOVATO ELECTRIC > Miniature and residual circuit breakers
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Additional Product Information

P1MB1PC16

Miniature circuit breaker, 1P - 10kA. 1 module, characteristic C, 16A

Technical specifications

Type of product: Miniature circuit breakers
Number of DIN modules: 1
Number of poles: 1P
Tripping curve: C
Rated current In [A]: 16
Compliance: IEC / UL1077
Order code P1MB1PC16

Weight [g] 115

Qty. per package 12

Multiple qty. of packs per order 12

Package dimensions [mm] 250X100X80

Volume [cm³] 166.667

Bar code [EAN13] 8013975202876

HS Code 85362010

18.39 £

ETIM for P1MB1PC16 Circuit breakers and fuses (EC000042)

Feature Name

Feature Value

Degree of protection (IP) (EF005474)

IP20

Release characteristic (EF000889)

C

Voltage type (EF000187)

AC/DC

Ambient temperature during operating (EF007515)

-40 °C

Connectable conductor cross section solid-core (EF007337)

1 mm²

Frequency (EF000416)

50 Hz

Additional equipment possible (EF008148)

Yes

Flush-mounted installation (EF007517)

No

Concurrently switching neutral conductor (EF005997)

Yes

Explosion-proof (EF004663)

No

Rated impulse withstand voltage Uimp (EF011980)

4 kV

Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V (EF00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LOVATO ELECTRIC / P1MB1PC16 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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