

INDUSTRIAL COMPONENT DATA

P1RE1NC06AC300 LOVATO RCBO 1P+N C 6A IDN 300MA 10KA

Brand: LOVATO ELECTRIC | Manufacturer Part Number: P1RE1NC06AC300



Manufacturer	LOVATO ELECTRIC
MPN / Reference	P1RE1NC06AC300
Catalog number	10000
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-FA288F8863
Generated	2026-08-05

Product Overview

RCBO 1P+N C 6A IDN 300MA 10KA

Residual current circuit breaker with overcurrent protection, 10kA. 2 modules, 1P+N - type AC, 6A, 300mA

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path LOVATO ELECTRIC > Miniature and residual circuit breakers

Additional Product Information

P1RE1NC06AC300

Residual current circuit breaker with overcurrent protection, 10kA. 2 modules, 1P+N - type AC, 6A, 300mA

Technical specifications

Type of product: Residual current operated circuit breakers with overcurrent protection
Number of DIN modules: 2
Number of poles: 1P+N
Tripping curve: C
Residual operation characteristic: AC
Rated residual current $I_{\Delta n}$ [mA]: 300
Rated current I_n [A]: 6
Compliance: IEC
Order code P1RE1NC06AC300

Weight [g] 205

Qty. per package 1

Multiple qty. of packs per order 1

Package dimensions [mm] 115X040X080

Volume [cm³] 368

Bar code [EAN13] 8013975269473

HS Code 85363010

104.98 £

ETIM for P1RE1NC06AC300 Circuit breakers and fuses (EC000905)

Feature Name

Feature Value

Disconnection characteristic (EF012587)

Undelayed

Degree of protection (IP) (EF005474)

IP20

Frequency (EF005455)

50/60 Hz

Leakage current type (EF002560)

AC

Release characteristic (EF000889)

C

Voltage type (EF000187)

AC

Ambient temperature during operating (EF007515)

-25 °C

Connectable conductor cross section solid-core (EF007337)

1 mm²

Anti- nuisance tripping version (EF009497)

No

With interlocking device (EF007385)

No

Concurrently switching neutral conductor (EF005997)

Yes

Rated short-circuit breaking capacity according to EN 61009 (EF012628)

10 kA

Rated short-circuit breaking capacity I_{cn} according to EN 61009-1 (EF011981)

10 kA

Rated impulse withstand voltage U_{imp} (EF011980)

4 kV

Number of poles (total) (EF008618)

1

Number of protected poles (EF005548)

1

Width in number of modular spacings (EF0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LOVATO ELECTRIC / P1RE1NC06AC300 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.