

INDUSTRIAL COMPONENT DATA

SM1R2500 LOVATO MOTOR PROTECTION CIRCUIT BREAKER, IEC BREAKING CAPACITY ICU 50KA AT 400V, 20...25A

Brand: LOVATO ELECTRIC | Manufacturer Part Number: SM1R2500



Manufacturer	LOVATO ELECTRIC
MPN / Reference	SM1R2500
Catalog number	10000
Category	Motor protection circuit-breaker
Minimum order	1 Pcs
Document ID	EO-CE621F1494
Generated	2026-08-04

Product Overview

MOTOR PROTECTION CIRCUIT BREAKER, IEC BREAKING CAPACITY ICU 50KA AT 400V, 20...25A

MOTOR PROT.CIRC.BR. SM1R 20-25A

Motor protection circuit breaker, IEC breaking capacity Icu 50kA at 400V, 20...25A

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 > Motor protection circuit breakers - LOVATO ELECTRIC

Additional Product Information

SM1R2500

Motor protection circuit breaker, IEC breaking capacity Icu 50kA at 400V, 20...25A

Technical specifications

Type of product:Motor protection circuit breakerThermal trip adjustment range [A]:20...25Rated current In [A]:25Short-circuit current breaking capacity (Icu) at AC 400V [kA]:50Type of protection:Magnetic and thermalType of control:Rotary knobCertified UL Type E:NoOrder code SM1R2500

Weight [g] 340

Qty. per package 1

Multiple qty. of packs per order 1

Package dimensions [mm] 090X047X086

Volume [cm³] 363.78

Bar code [EAN13] 8013975216392

HS Code 85362010

107.83 £

ETIM for SM1R2500 Low-voltage industrial controls and switchgear (EC000074)

Feature Name

Feature Value

Device construction (EF008240)

Complete device in housing

Switch off technique (EF007007)

Thermomagnetic

Type of control element (EF006976)

Rocker lever

Type of electrical connection of main circuit (EF006819)

Screw connection

Degree of protection (IP) (EF005474)

IP20

Adjustment range undelayed short-circuit release (EF007131)

325 A

Overload release current setting (EF002336)

20 A

Rated operating voltage (EF001435)

0 V

Phase failure sensitive (EF007400)

Yes

With thermal overload protection (EF006233)

Yes

With integrated under voltage release (EF001390)

No

With integrated auxiliary switch (EF001387)

No

Rated short-circuit breaking capacity Icu at 400 V, AC (EF007049)

50 kA

Number of poles (EF001391)

3

Rated permanent current Iu (EF001389)

25 A

Depth (EF000049)

91 mm

Height (EF000040)

97 mm

Width (EF000008...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LOVATO ELECTRIC / SM1R2500 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.