

INDUSTRIAL COMPONENT DATA

SG2EDGK50M3R LOVATO PROT. SURGE DEVICE TYPE 1-2
1500VDC+RC

Brand: LOVATO ELECTRIC | Manufacturer Part Number: SG2EDGK50M3R



Manufacturer	LOVATO ELECTRIC
MPN / Reference	SG2EDGK50M3R
Catalog number	SG2EDGK50M3R
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-61B1FC1470
Generated	2026-08-04

Product Overview

PROT. SURGE DEVICE TYPE 1-2 1500VDC+RC

Surge protection device type 1,2 for photovoltaic applications with plug-in cartridge, Un 1500VDC, short-circuit current Iscpv 30kA, +, -, PE. With remote contact

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 > Surge protection devices - LOVATO ELECTRIC

Additional Product Information

SG2EDGK50M3R

Surge protection device type 1,2 for photovoltaic applications with plug-in cartridge, Un 1500VDC, short-circuit current Iscpv 30kA, +, -, PE. With remote contact

Technical specifications

Type of product:SPDType of system:PhotovoltaicType / Class:1, 2In [kA]:20Rated voltage [VDC]:1500Type of mounting:Din railFor photovoltaic application:YesOrder code SG2EDGK50M3R

Weight [g] 443

Qty. per package 1

Multiple qty. of packs per order 1

Package dimensions [mm] 110X100X060

Volume [cm³] 660

Bar code [EAN13] 8013975313237

HS Code 85365080

ETIM for SG2EDGK50M3R Earthing, lightning and surge protection (EC000941)

Feature Name

Feature Value

Short-circuit breaking capacity (I_{sc}) (EF012627)

30 kA

Max. discharge surge current (8/20) (EF012274)

60 kA

Max. conductor cross section flexible (fine-strand) (EF008828)

25 mm²

Max. conductor cross section solid (solid, stranded) (EF008827)

35 mm²

Max. PV-voltage (EF008795)

1500 V

Max. continuous voltage DC (EF004777)

1500 V

Nominal voltage DC (EF004221)

1500 V

Nominal discharge surge current (8/20) (EF004214)

6.25 kA

Max. continuous voltage AC (EF004198)

1500 V

Voltage protection level (EF003525)

4.5 kV

Number of conductors (without earthing) (EF001148)

2

Leakage-current free (EF016002)

No

Integrated short-circuit protection (EF016000)

No

System configuration TN-C-S (EF009933)

No

System configuration other (EF009932)

No

System configuration TT (EF009931)

No

System configuration TN-S (EF009930)

No

System configuration TN-C (EF009929)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LOVATO ELECTRIC / SG2EDGK50M3R 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.