

INDUSTRIAL COMPONENT DATA

5092480 OBO BETTERMANN PROTECTION FINE ÜSM-LED 230

Brand: OBO BETTERMANN | Manufacturer Part Number: USM-LED 230



Manufacturer	OBO BETTERMANN
MPN / Reference	USM-LED 230
Catalog number	5092480
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
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Product Overview

PROTECTION FINE ÜSM-LED 230

Surge protection for LED systems 230V. Surge protection module type 2+3 to DIN EN 61643-11 for 230/400 V power grids. Appropriate for the protection of LED lighting. • With visual function display • Small size for the installation in the pole or in the LED lamp head • 1+NPE protective circuit with a maximum discharge capacity of 20 kA • Surge limitation under 1,300 V or 1,000 V @ 5 kA • Available with or without cut-off function of the lamp in case of malfunction

Application: Universally deployable in all lighting systems To protect electronic devices such as LED luminaires against surge voltages

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OBO BETTERMANN > TBS Transient and lightning protection systems - OBO BETTERMANN

Additional Product Information

Arrester surge current (8/20 µs) [total] 20 kA
CO2 Footprint (GWP) Cradle-to-Gate 0,0251 kg CO2e / 1 Piece
Connecting cable length 0,09 m
Dimension 230V
Installation type Miscellaneous
Integrated back-up fuse no
Lightning protection zone LPZ 1->3
Max. mains-side overcurrent protection 16
Maximum back-up fuse 16 A
Maximum continuous voltage (L-N) 255 V

Maximum continuous voltage (N-PE) 255 V
Maximum continuous voltage AC 255 V
Maximum discharge current (8/20 us) 20 kA
Maximum discharge current (8/20 us) [L-N] 20 kA
Maximum discharge current (8/20 us) [N-PE] 20 kA
Network form Other
Nominal discharge current (8/20 μs) 10 kA
Nominal discharge current (8/20 μs) [L-N] 10 kA
Nominal discharge current (8/20 μs) [N-PE] 10 kA
Nominal voltage AC (50/60 Hz) 230 V
OBO_Nominal load current (input/output terminal) 16 A
Operating temperature, max. 80 °C
Operating temperature, min. -40 °C
Permitted temperature range, max. 80 °C
Permitted temperature range, min. -40 °C
Pole version 1+N/PE
Protection level [L-N] <=1,3
Protection rating IP20
Remote signalling no
Response time

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / USM-LED 230 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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