

**INDUSTRIAL COMPONENT DATA**

# ÜSM-A-2 5092460 OBO BETTERMANN Surge protection Modul 45 for all installation systems, 255V,

Brand: OBO BETTERMANN | Manufacturer Part Number: USM-A-2



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | OBO BETTERMANN                                   |
| MPN / Reference | USM-A-2                                          |
| Catalog number  | 5092460                                          |
| Category        | Surge protection device for power supply systems |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-4FB8D2217B                                    |
| Generated       | 2026-08-02                                       |

## Product Overview

Surge protection Modul 45 for all installation systems, 255V,  
Surge protective device 230 V for through wiring. Surge protective device type 3 to DIN EN 61643-11 for 230 V networks. •  
With acoustic defect signal • With 2 strands for continuous wiring • With low construction height • Halogen-free plastic (UL 94 V-0) • Y circuit Application: Universally applicable for all installation systems.

**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 > Surge , arrestor, |
|--------------|------------------------------------------------------------------------------------------------------|

## Additional Product Information

CO2 Footprint (GWP) Cradle-to-Gate 0,0296 kg CO2e / 1 Piece  
Dimension 255V  
Installation type Wall socket  
Lightning protection zone LPZ 2->3  
Max. mains-side overcurrent protection 16  
Maximum back-up fuse 16 A  
Maximum continuous voltage AC 255 V  
Maximum discharge current (8/20 us) 6 kA  
Network form Other  
Nominal discharge current (8/20 µs) 3 kA  
Nominal voltage AC (50/60 Hz) 230 V  
OBO\_Nominal load current (input/output terminal) 16 A

Operating temperature, max. 60 °C  
Operating temperature, min. -15 °C  
Permitted temperature range, max. 60 °C  
Permitted temperature range, min. -15 °C  
Pole version 1  
Protection level [L-N] ≤1,3  
Response time

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / USM-A-2 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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