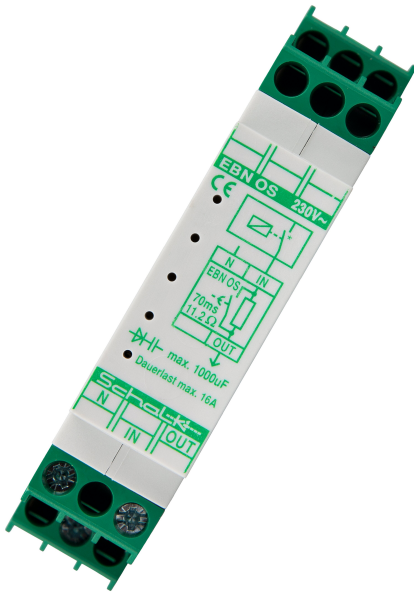


## PRODUCT DATASHEET EBN-OS /230

EBN-OS | Inrush current limiter for POWERTRONIC ECG



### Areas of application

- Suitable for all POWERTRONIC and selected OPTOTRONIC control gears

### Product benefits

- Increases maximum number of ECG per automatic cutout by factor 2.5
- Flexible use depending on the size of the installation
- Simple installation

### Product features

- Retrofit for DIN rail to DIN EN 50022
- Operating frequency: 50...60 Hz
- Maximum continuous load: 16 A
- Limitation time: 70 ms
- Number of switching cycles: up to 10,000

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## TECHNICAL DATA

### Electrical data

|                               |          |
|-------------------------------|----------|
| Nominal wattage               | 0.60 W   |
| Nominal voltage               | 230 V    |
| Mains frequency               | 50/60 Hz |
| Device power loss             | 0,6 W    |
| Surge capability (L/N-Ground) | 2 kV     |
| Surge capability (L-N)        | 2 kV     |
| Operating frequency           | 50 Hz    |

### Dimensions & Weight

|                |          |
|----------------|----------|
| Length         | 58.00 mm |
| Width          | 18.00 mm |
| Height         | 88.00 mm |
| Product weight | 75.00 g  |

### Colors & materials

|                 |         |
|-----------------|---------|
| Casing material | Plastic |
| Body material   | Plastic |

### Temperatures & operating conditions

|                                          |                        |
|------------------------------------------|------------------------|
| Ambient temperature range                | -10...+40 °C           |
| Max.housing temperature in case of fault | 110 °C                 |
| Permitted rel. humidity during operation | 5...85 % <sup>1)</sup> |

<sup>1)</sup> Maximum 56 days/year at 85 %

### Capabilities

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| Dimmable               | No                                                     |
| Overheating protection | Automatic switch off, reversible by manual mains reset |
| Type of installation   | 35 mm standard rail                                    |

### Certificates & Standards

|                  |                                                                                    |
|------------------|------------------------------------------------------------------------------------|
| Standards        | Acc. to IEC 801-4 level 4 / Acc. to IEC 801-5 level 3 / Acc. to VDE 0110 Gr C/250V |
| Protection class | 1                                                                                  |

## LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -40...+85 °C |
|------------------------------|--------------|

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DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name                         |
|----------------------------------------------------------------------------------|----------------------------------------|---------------------------------------|
|  | User instruction / safety instructions | 545888_Installation Instructions (GB) |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume   |
|---------------|------------------------------|--------------------------------------|--------------|----------|
| 4006584548019 | Unpacked<br>1                | 90 mm x 18 mm x 59 mm                | 75.00 g      | 0.10 dm³ |
| 4062172123259 | Folding box<br>10            |                                      |              |          |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.