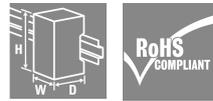


VARITECTOR LOGGER 30

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com



To effectively protect your devices and systems from damage caused by lightning and surge voltage, it is sensible to know how high the load offered by the protective elements is. VARITECTOR LOGGER 30 registers current pulses as of a certain strength which are diverted by your surge protection devices via the PE conductor. This reliably measures the load of your protective elements. The measurement allows an optimum testing and adjustment of your protection and ideally compliments the type II and III VPU surge protection equipment.

General ordering data

| | |
|------------|---|
| Version | Lightning and surge protection, Pulse counter |
| Order No. | 1428780000 |
| Type | VARITECTOR LOGGER 30 |
| GTIN (EAN) | 4050118232950 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|-------|-----------------|-------------|
| Depth | 68 mm | Depth (inches) | 2.6772 inch |
| Height | 90 mm | Height (inches) | 3.5433 inch |
| Width | 36 mm | Width (inches) | 1.4173 inch |
| Net weight | 165 g | | |

Temperatures

| | | | |
|---------------------|----------------------------|-----------------------|----------------|
| Storage temperature | -40 °C...80 °C | Operating temperature | -20 °C...60 °C |
| Humidity | 0...95 % (no condensation) | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

General data

| | | | |
|---------------|--|---------------------------|------|
| Design | Installation housing; 2TE, Insta IP 20 | UL 94 flammability rating | V-0 |
| Colour | black, orange | Protection degree | IP20 |
| Mounting rail | TS 35, TS 35 x 15, TS 35 x 7.5 | | |

Rated data IEC / EN

| | | | |
|--|----------------------------|---|---------|
| Standards | EN 62561-6, VDE 0185-561-6 | Pulse length | ≤ 1 sec |
| Battery | Typ CR123A 3V | Type of display | LCD |
| Maximum discharge withstand current I _{mcw} 8/20 μs | 50 kA | Approx. snap ferrite connection length | 500 mm |
| Max. number of pulses | 999 | Typical battery service life | 4 years |
| Snap ferrite diameter | 15.5 mm | Pick-up current I _{tc} (8/20 μs) | 50 A |

General data

| | | | |
|-------------------|------|--------|---------------|
| Protection degree | IP20 | Colour | black, orange |
|-------------------|------|--------|---------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000490 | ETIM 9.0 | EC000490 |
| ETIM 10.0 | EC000490 | ECLASS 14.0 | 27-20-03-16 |
| ECLASS 15.0 | 27-20-03-16 | | |

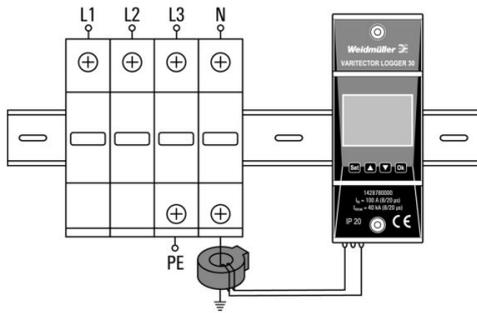
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Drawings

www.weidmueller.com

Application



Application circuit diagram with type-2 surge protection (VPU II)