

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

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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
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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		

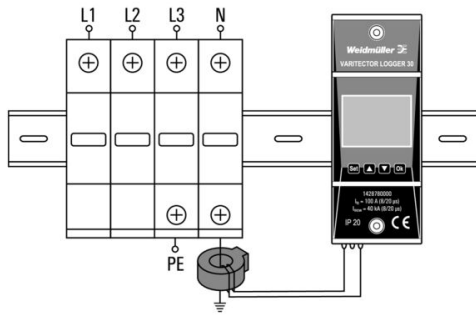
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Drawings

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Application



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