

**VARITECTOR LOGGER 30****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Similar to illustration

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.	<a href="#">1428780000</a>
Type	VARITECTOR LOGGER 30
GTIN (EAN)	4050118232950
Qty.	1 pc(s).

## VARITECTOR LOGGER 30

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## Technical data

## Dimensions and weights

Depth	68 mm	Depth (inches)	2.677 inch
Height	90 mm	Height (inches)	3.543 inch
Width	36 mm	Width (inches)	1.417 inch
Net weight	165 g		

## Temperatures

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

## General data

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

## Rated data IEC / EN

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

## Classifications

ETIM 6.0	EC000490	ETIM 7.0	EC000490
ETIM 8.0	EC000490	ETIM 9.0	EC000490
ECLASS 9.0	27-20-03-16	ECLASS 9.1	27-13-92-90
ECLASS 11.0	27-20-03-16	ECLASS 12.0	27-20-03-16
ECLASS 13.0	27-20-03-16		

## Approvals

Approvals



ROHS

Conform

## Downloads

Approval/Certificate/Document of Conformity

[EU\\_Konformitätserklärung / EU\\_Declaration\\_of\\_Conformity](#)

User Documentation

[Instruction sheet](#)

Catalogues

[Catalogues in PDF-format](#)

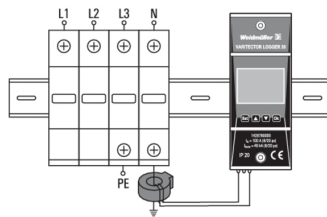
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# Drawings

## Application



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