

## Datasheet VARITECTOR LOGGER 30 Surge protection

**NEW**



The Varitector Logger 30 is a DIN-rail mounted surge detector and recorder that is designed to detect transient surges over 50A in ground circuits of industrial control systems. The self-contained IP20 module with an integral LCD display provides access to time-stamped surge event data. The Varitector Logger 30 provides the ability to verify how many transient events have occurred, along with their timing. This unit is ideal for use in sensing current surges through the ground circuit from a surge protection device. The Logger 30 comes with a clamp-on toroidal sensor and battery-driven electronics, for quick and easy installation.

#### Features:

- Records and indicates transient voltage events
- Memory holds up to 999 date/time-stamped events
- Easily installed analysis tool
  - clamp-on sensor
  - no mains power needed
  - DIN-rail mounted
- Battery powered with up to 4 years of battery life

**Weidmuller, Canada**  
10 Spy Court  
Markham, Ontario L3R 5H6  
Telephone: (800) 268-4080  
Facsimile: (877) 300-5635  
Email: [info1@weidmuller.ca](mailto:info1@weidmuller.ca)  
Website: [www.weidmuller.ca](http://www.weidmuller.ca)

**Weidmuller, Mexico**  
Bldv. Hermanos Serdán 698,  
Col. San Rafael Oriente  
Puebla, Puebla, Mexico  
C.P. 72029  
Telephone: 01 222 2686267  
Facsimile: 01 222 2686219  
Email: [clientes@weidmuller.com.mx](mailto:clientes@weidmuller.com.mx)  
Website: [www.weidmuller.com.mx](http://www.weidmuller.com.mx)

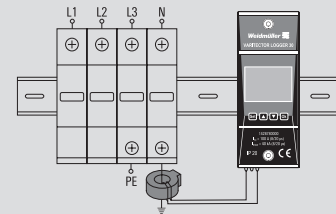
**Weidmuller, United States**  
821 Southlake Blvd.  
Richmond, Virginia 23236  
Telephone: (800) 849-9343  
Facsimile: (804) 379-2593  
Email: [info@weidmuller.com](mailto:info@weidmuller.com)  
Website: [www.weidmuller.com](http://www.weidmuller.com)

## VARITECTOR LOGGER 30 Surge protection



### Technical data

Approx. snap ferrite connection length	500 mm	
Display	LCD	
Maximum discharge withstand current $I_{mcw}$ 8/20 $\mu$ s	40 kA	
Pulse length	$\leq 1$ sec	
Typical battery service life	4 years	
Battery	Typ CR123A 3V	
Max. number of pulses	999	
Pick-up current $I_{tc}$ (8/20 $\mu$ s)	50 A	
Snap ferrite diameter	15.5 mm I.D.	
Standards	EN 62561-6, VDE 0185-561-6	
<b>Temperatures</b>		
Humidity	0...95 % (no condensation)	
Storage temperature	-40 °C...+80 °C	
Operating temperature	-20 °C...+60 °C	
<b>General data</b>		
Color	Black/orange	
Mounting rail	TS 35, TS 35 x 15, TS 35 x 7.5	
UL 94 flammability rating	V-0	
Protection degree	IP 20	
<b>Classifications</b>		
eClass 6.2	27-14-32-90	
<b>Product information</b>		
Application format	Unsuitable for recording 10/350 $\mu$ s pulses	
<b>Approvals</b>		
	CE, RoHS Conform	
<b>Dimensions</b>		
Width x height x depth	36 x 90 x 68 mm	
Weight	193 g	
<b>Note</b>		
<b>Ordering data</b>		
<b>Note</b>		
<b>Type</b>	<b>Qty.</b>	<b>Part No.</b>
VARITECTOR LOGGER 30	1 pc(s)	1428780000
<b>Note</b>		



**Application circuit diagram with type-2 surge protection**