

TSC1-IP65

Transient surge counter

Use the Novaris range of Transient Surge Counters to monitor the level of surge activity at your site. This information can be used to monitor the effectiveness of the installed structural and surge protection equipment.

Structural and Surge Protection Monitoring

The TSC series comes in a variety of configurations to suit a wide range of monitoring applications. The TSC1-IP65 is designed to be installed on downconductors such as those used in structural protection or even tower legs. This gives an indication of direct strike activity. The TSC1-DIN range is designed for monitoring earth conductors directly or indirectly via a current transformer. This gives an indication of the effectiveness of the surge protection devices on site by monitoring the SPDs earth connection.

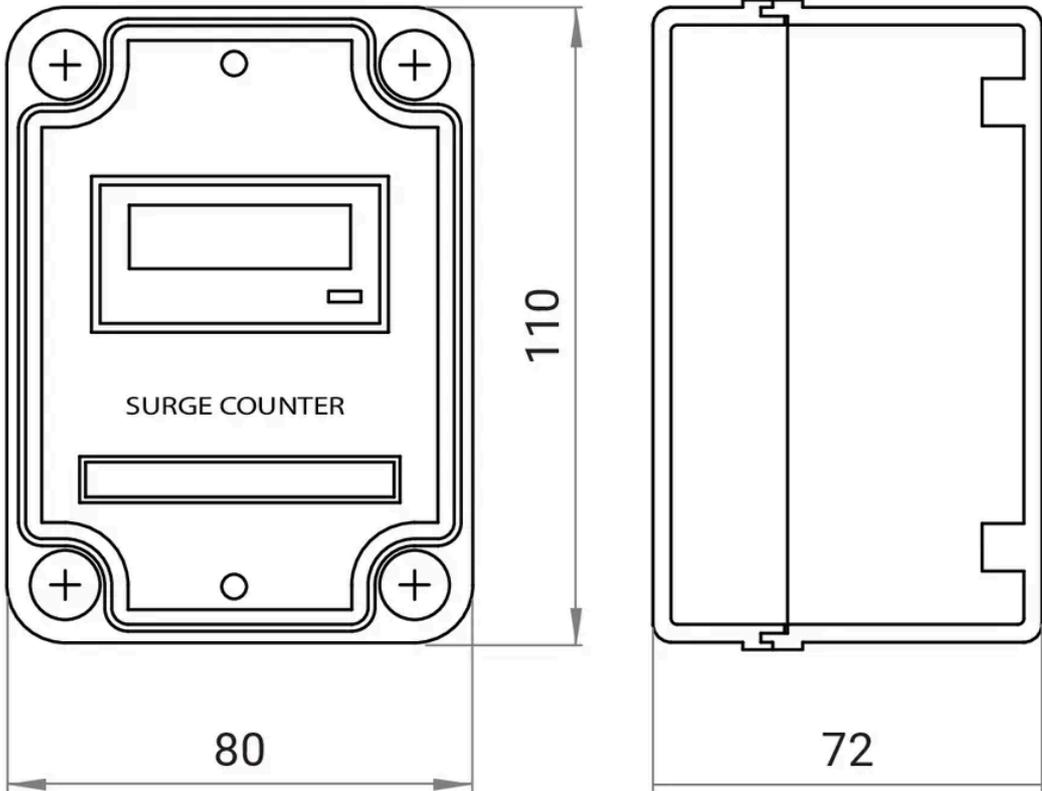
Sensitive but with excellent noise rejection

The Novaris TSC range is sensitive enough to detect a surge lasting for a fraction of a millisecond at only 100A but will reject all background noise to deliver accurate results.



Image for illustrative purposes only

Dimensions



Product Datasheet

Electrical Specifications

Threshold current		100A
Discharge current (8/20 μ s)	I_{max}	200kA
Battery life of counter		7 years

Indication Specifications

Display		Resettable LCD
---------	---	----------------

Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		Clamp
Environmental rating		IP65
Enclosure material		Polycarbonate
Length		72mm
Width		80mm
Height		110mm

Standard Specifications

IEC 62561-6	Requirements for lightning strike counters (LSC)
-------------	--

Shipping Specifications

Weight		300g
--------	---	------

Other Specifications

Product Code		TSC1-IP65
--------------	---	-----------