



# DIGITAL SURGE COUNTER

Helps the user to count the number of lightning strikes and other surge events that entering their building ♦ **High surge rating**

- ♦ **8-digit LCD display**
- ♦ **High sensitivity**
- ♦ **Long working life**
- ♦ **Hard-wired and sensing type**
- ♦ **Waterproof enclosure**
- ♦ **Compact and robust design**
- ♦ **Simple installation**



**High surge rating** -DSC surge counter has up to 200KA surge handling capability which makes it suitable to be used in any lightning intense environment

**8-digit LCD display** - Its built-in 8 digit LCD display unit and resettable button makes it especially helpful and convenient for using in some sites where frequent switching events are found and a multi-digit display is required. The user can collect very clear and usefully data for their equipment protection.

**High sensitivity** - DSC digital surge counter has a 100A high counting sensitivity which can record the lower amplitude surges from switching events or even the high amplitude lightning strike events.

**Long working life** -A high quality lithium battery is included inside the surge counter which ensures it can always has a reliable and consistent performance during its ten year lifetime.

**Hard-wired and sensing type** - LEPS has both hard-wired and sensing type digital surge counter to meet any users expectations.

**Waterproof enclosure** -For user who need to use the counter in outdoor environment, the DCS-S model is the right choice which uses waterproof polycarbonate enclosure.

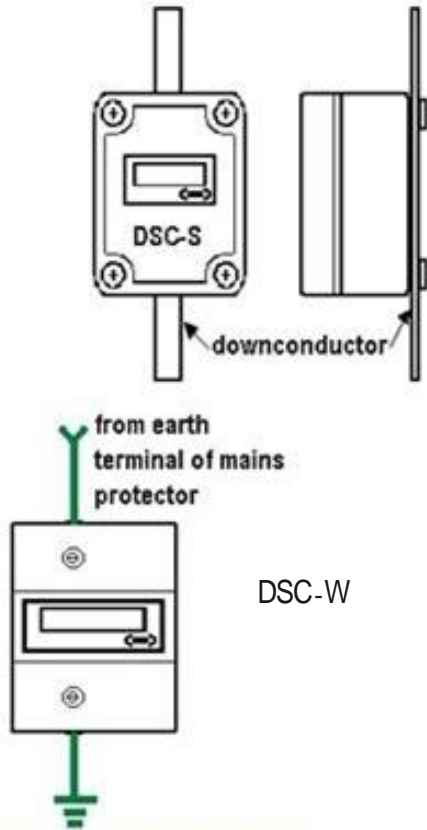
**Compact and robust design** - Both the sensing type model(DSC-S) and the hard-wired type model(DSC-W) are very compact and robust. They can be retrofit into the existing protection system easily.

**Simple installation** -The DSC-S sensing type can simply clamped onto the down conductor or earth return wire of any mains surge protector. The DSC-W hard-wired type is connected between the earth and the earth terminals of a mains protector.



## Installation

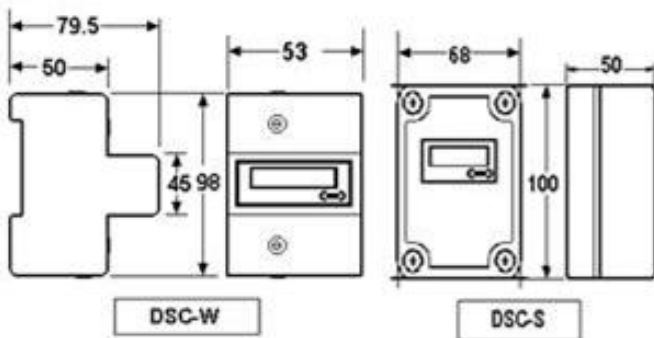
For detail installation requirements, pls refer to relevant user manual.



## General Specifications

<b>Operating voltage:</b>	1.5V lithium battery (for display unit)
<b>Counting sensitivity: Max.</b>	100A (8/20 $\mu$ s)
<b>surge rating:</b>	200KA(8/20 $\mu$ s)
<b>Display unit:</b>	8-digit LCD display
<b>Conductor size:</b>	16mm <sup>2</sup> (DSC-W)
<b>Enclosure material:</b>	Polycarbonate ( DSC -S) Anodized aluminum (DSC-W)
<b>Enclosure IP rating:</b>	IP20 (DSC-W) IP65 (DSC-S)
<b>Mounting:</b>	DSC-S (Clamp on bar) DSC -W[ 35mm DIN rail (DIN 43880) or panel screw mount ]
<b>Operating temperature:</b>	- 40- 85 $^{\circ}$ C
<b>Humidity:</b>	0- 95% (R.H.)
<b>Altitude:</b>	0- 3650m
<b>Weight:</b>	
DSC-W	270g
DSC-S	200 g

## Dimensions



## Ordering Information

MODEL	DESCRIPTION
DSC-W	Digital surge counter, hard-wired type
DSC-S	Digital surge counter, sensing type

### Notes:

(1) The separate display unit type is also available on requested which is suitable to be mounted on any panel