



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.

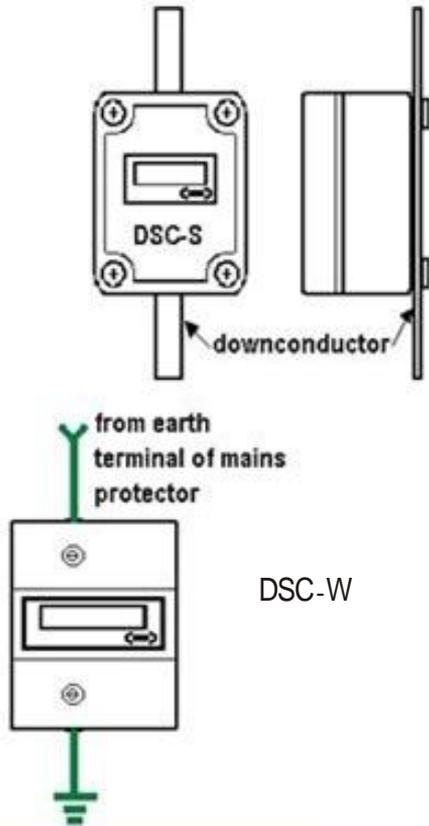
Simple installation -The DSC-S

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

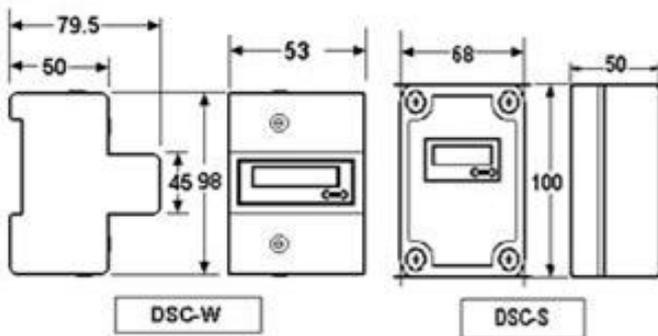
For detail installation requirements, pls refer to relevant user manual.



General Specifications

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