

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.

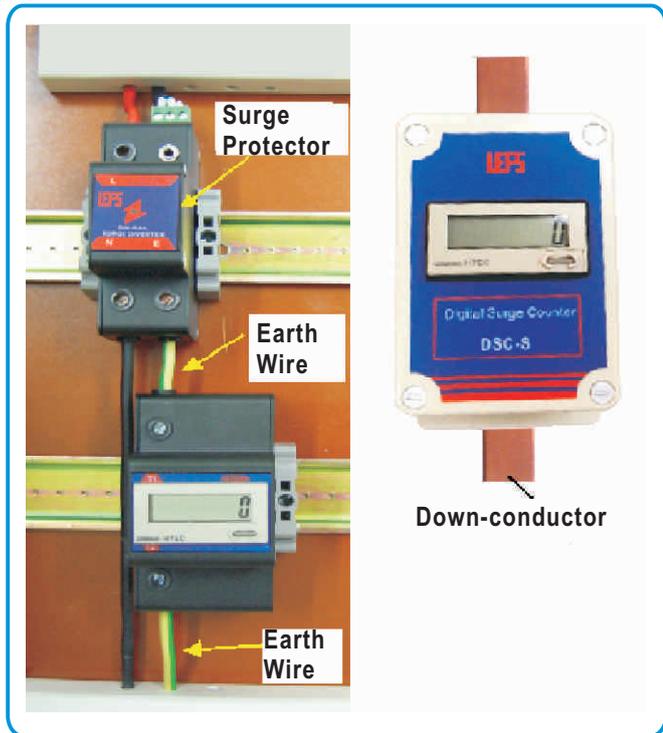
Waterproof enclosure - For users who need to use the counter in outdoor environment, the DCS-S model is the right choice which uses waterproof polycarbonate enclosure.

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

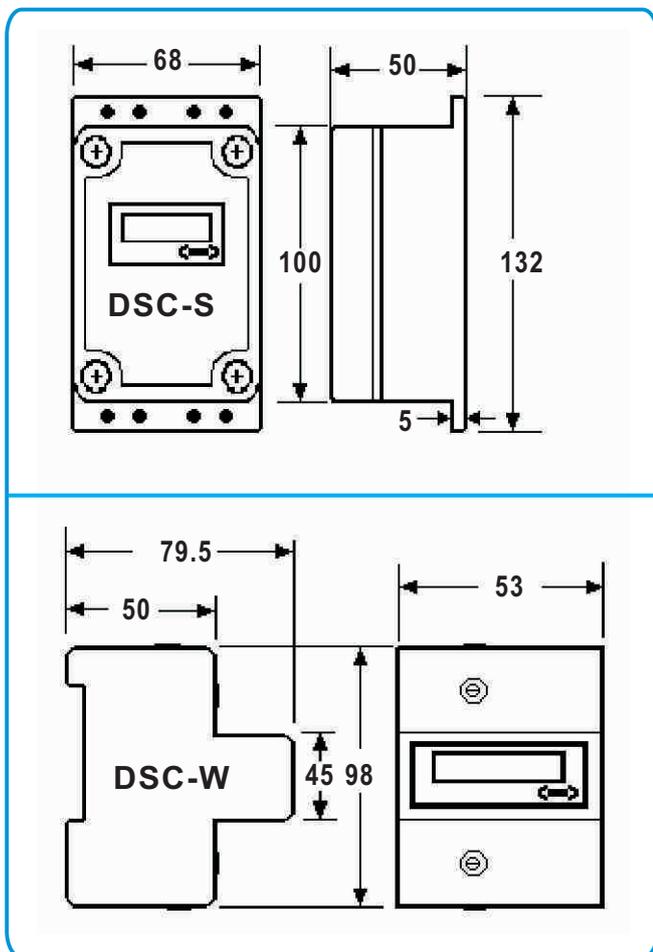
For detail installation requirements, pls refer to relevant user manual.



General Specifications

Operating voltage:	1.5V lithium battery (for display unit)	
Counting sensitivity:	100A (8/20μs)	
Peak surge rating, I_{max}:	200KA(8/20μs)	
Display unit:	8-digit LCD display	
Conductor size:	16mm ² (DSC-W)	
Case material:	Anodized aluminum (DSC-W) Polycarbonate (DSC-S)	
Case IP rating:	IP20 (DSC-W) IP65 (DSC-S)	
Mounting:	DSC-S(Clamp on barwire) DSC-W[35mm DIN rail]	
Operating temperature, T_u:	-40-85°C	
Humidity:	0-95%(R.H.)	
Altitude:	0-3650m	
Weight:	DSC-W	270g
	DSC-S	200g

Dimensions



MODEL	PRODUCT DESCRIPTION	PHOTO/DRAWING
DSC-W	Digital surge counter, hard-wired type	
DSC-S	Digital surge counter, sensing type	
DSC-D	Digital surge counter, display unit separated	

