

## Features

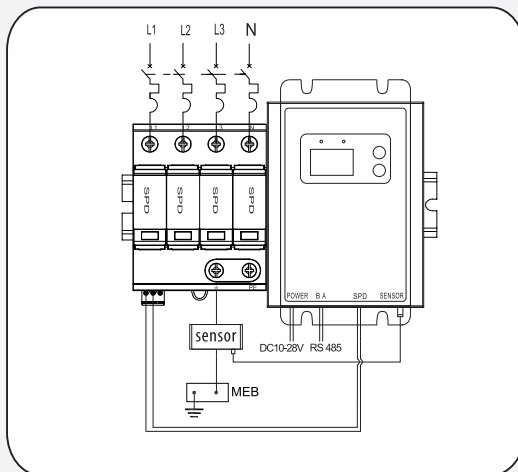
- Leading edge Technology, stable performance, reliable security
- Advanced electromagnetic compatibility design, ultra low radiation
- Man-machine interface monitoring design, fault indicator, historical records inquiry
- Capable of Pre-trigger current setting
- 100 SPD historical warning records and 500 lightning historical records storage
- RS485 Communication, access to the control centre easily

LECS-12 lightning current monitor and analysis device is specially designed for online monitoring of lightning current data in railway lightning protection works, wind power factory equipment, photovoltaic plant equipment lightning monitoring, Network communication room lightning protection project, Building Electricity lightning protection project, and port lightning protection project.

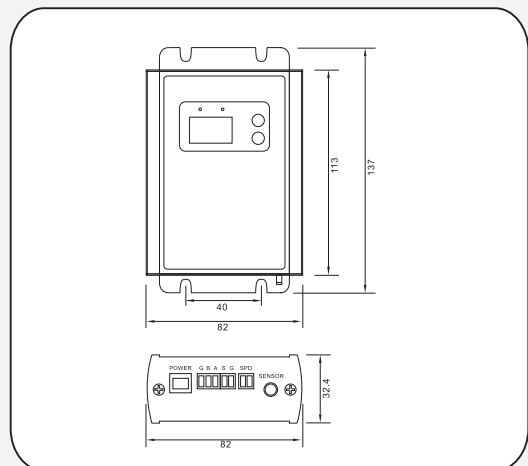
## Approval

- IEC 61643-1:2005
- IEC 60950
- GB4943-2001
- GB50343-2012

## Wiring diagram



## Dimension drawing



<b>Type</b>	LECS-12
<b>Part No.</b>	99 12 04
<b>Electrical</b>	
Power supply	DC10-28V
Power consumption	≤1W
Self-defense ability	I <sub>max</sub> (8/20us)100KA
Monitoring approach	Remote signaling of SPD,Remote signaling of lightning current
Operating status indication	Run indication,Alarm indication,Display window
Networking mode	Flexible networking
Communication mode	RS485
Transmission rate	Tunableness
ID	Unique identity
Reset	Resettable to clear historical data
<b>Mechanical</b>	
Method of mounting	35 mm DIN rail
Dimensions (HxWxD)	137 mm × 82 mm × 32.4 mm
Dimensions of sensor(HxWxD)	119 mm × 32 mm × 67.5 mm
Cross-sectional area (max.)	2.5 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1 mm <sup>2</sup> stranded / flexible
Stripping length terminals	7 mm
Torque contacts	0.2 N*m
<b>Environmental</b>	
Location category	Indoor only
Operation temperature range (T <sub>o</sub> )	-40°C ... +70°C
Relative humidity	≤ 95%
Operation altitude	≤ 4 km
Degree of protection	IP 20