

Lightning current measuring system - LM-S-LS-H - 2800616

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Optical lightning sensor for the live monitoring system for the continuous detection and evaluation of lightning strikes. IP67 protection.

Your advantages

- ✓ Optical lightning sensor for measuring current strength
- ✓ Rugged design
- ✓ Resistant to vibrations, temperature, and humidity
- ✓ Good UV resistance

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 615273
GTIN	4046356615273

Technical data

Dimensions

Height	290 mm
Width	155 mm
Depth	50 mm

Ambient conditions

Ambient temperature (operation)	-30 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	30 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)
Altitude	≤ 4000 m (amsl (above mean sea level))

General

Housing material	XYRON 644Z
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Technical data

General

Ferrule material	Zirconia ceramics
Fiber type	Quartz fiber
Mounting type	On lightning arrester cables

Typical characteristics

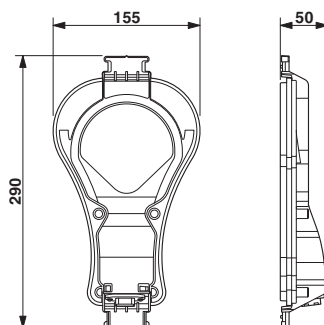
Interface	Fiber optic interface
Number of ports	1
Maximum current strength	± 5 kA ... 400 kA
Interface	Fiber optic interface
Connection method	SC-RJ socket with push/pull connector, IP67

Environmental Product Compliance

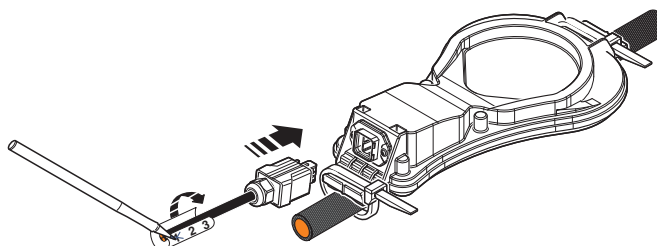
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Schematic diagram



Marking of the connecting cable

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