LM-S-C-3LS - Lightning monitoring system

2800617

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O/E module for live monitoring system for the continuous detection and evaluation of lightning strikes.

Your advantages

- Replacement O/E module for evaluation unit
- Connection of up to 3 LM-S sensors
- Status and diagnostic display via evaluation unit

Commercial data

Item number	2800617
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	CLB312
GTIN	4046356615280
Weight per piece (including packing)	695.5 g
Weight per piece (excluding packing)	695.5 g
Country of origin	DE

Technical data

Product properties

Product type	O/E module
Product family	LM-S

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

Evaluation unit

Operating voltage	3.3 V DC
	+ 5 V DC
	- 5 V DC
Detectable values (current strength)	5.00 kA ... 400.00 kA

Evaluation unit Sensor interfaces

Interface	O/E module
Number of ports	3

O/E converter

Interface	Fiber optic interface
Number of ports	3
Connection method	B-FOC (ST®)

O/E converter Function

Basic functions	Plug-in I/O module as fiber optic port
Status and diagnostic indicators	Via LM-S evaluation unit

Sensor

Detectable values (current strength)	± 5.00 kA ... 400.00 kA

Typical characteristics

Rated current I_n	300 mA

Dimensions

Width	70 mm
Height	185 mm
Depth	181.5 mm

Material specifications

Color	silver-colored
	black (RAL 9005)
Housing material	Stainless steel 1.4016

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-30 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	≤ 4000 m (amsl)
Permissible humidity (operation)	30 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)

Standards and regulations

Standards/specifications	EN 61326-1
Note	2013

Mounting

Mounting type	Pluggable (slot)

Classifications

ECLASS

ECLASS-13.0	27170192
ECLASS-15.0	27170192

ETIM

ETIM 10.0	EC002495

UNSPSC

UNSPSC 21.0	39121600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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