

**INDUSTRIAL COMPONENT DATA**

# LM-S-LS-H 2800616 PHOENIX CONTACT Lightning current measuring system

Brand: PHOENIX CONTACT | Manufacturer Part Number: LM-S-LS-H



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | PHOENIX CONTACT                         |
| MPN / Reference | LM-S-LS-H                               |
| Catalog number  | 2800616                                 |
| Category        | Measurement device for surge protection |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-8F228309B6                           |
| Generated       | 2026-08-03                              |

## Product Overview

Lightning current measuring system

Optical beam sensor for live monitoring system for permanent recording and evaluation of lightning discharges. IP67 protection rating.

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      PHOENIX CONTACT &gt; Monitoring

## Additional Product Information

Key Commercial Data

Orderkey 2800616

Packing unit 1 pc

Catalog page Page 190 (C-4-2017)

GTIN 4046356615273

Weight per Piece (excluding packing) 363.600 g

Custom tariff number 90303900

Country of origin DE (Germany)

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  
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

**Classifications**

eCl@ss 4.027210902eCl@ss 4.127210902eCl@ss 5.027210902eCl@ss 5.127371500eCl@ss 6.027379200eCl@ss  
7.027379202eCl@ss 8.027379202eCl@ss 9.027201124

ETIM 3.0EC001505ETIM 4.0EC002027ETIM 5.0EC002027ETIM 6.0EC002965

UNSPSC 6.0130211501UNSPSC 7.090139121019UNSPSC 1139121006UNSPSC 12.0139121610UNSPSC  
13.239121621

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / LM-S-LS-H with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use  
[electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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