

# HS LC-D5CS-45 - Fiber optic



1474370

<https://www.phoenixcontact.com/us/products/1474370>

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Single light guide, passive, rigid, Countersunk head, emission surface: planar, number of displays: 1, (1 row, 1 column), length: 45 mm, ESD protection: <4 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

## Your advantages

- Light guides are perfectly matched to electronics housings
- Easy mounting on the PCB using press pins
- Resistance to ESD
- Housing processing available on request
- Enables simple visual status and diagnostic indicators

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1474370       |
| Packing unit                         | 50 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AC05          |
| Product key                          | ACGABC        |
| GTIN                                 | 4063151887889 |
| Weight per piece (including packing) | 1.135 g       |
| Weight per piece (excluding packing) | 1.135 g       |
| Customs tariff number                | 90019000      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|               |   |
|---------------|---|
| Assembly note | Please observe the application note in the download area. |
| General       | Distance between LED and light guide of 0.2 mm.           |

### Product properties

|                      |                      |
|----------------------|----------------------|
| Product type         | Fiber optic          |
| Number of positions  | 1                    |
| Alignment            | Vertical             |
| Conductor type       | Single light guide   |
| Head form            | Countersunk head     |
| Number of indicators | 1 (1 row x 1 column) |

### Electrical properties

|                |        |
|----------------|--------|
| ESD protection | < 4 kV |
|----------------|--------|

### Dimensions

|               |                        |
|---------------|------------------------|
| Length        | 45 mm                  |
| Diameter      | 5 mm                   |
| Hole diameter | 4.2 mm                 |
| Dimensions    | 3 mm (Press-in length) |

### Material specifications

|                      |               |
|----------------------|---------------|
| Color (Light guide)  | transparent   |
| Material Light guide | Polycarbonate |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Max. IP code to attain          | IP20             |
| Ambient temperature (operation) | -40 °C ... 85 °C |

### Mounting

|               |          |
|---------------|----------|
| Mounting type | Press-in |
|---------------|----------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-15.0 | 27460404 |
| ECLASS-13.0 | 27460404 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002943 |
|-----------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

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

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