

# HS LC-H-D2/ R2XC4-2,54 - Fiber optic



2202531

<https://www.phoenixcontact.com/us/products/2202531>

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Multiple light guides with glare protection, passive, rigid, Raised head, emission surface: spherical, number of displays: 8, (2 rows, 4 columns), pitch: 2.54 mm, ESD protection: <8 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                          | 2202531       |
| Packing unit                         | 100 pc        |
| Minimum order quantity               | 100 pc        |
| Sales key                            | AC05          |
| Product key                          | ACGABA        |
| GTIN                                 | 4055626149134 |
| Weight per piece (including packing) | 0.756 g       |
| Weight per piece (excluding packing) | 0.455 g       |
| Customs tariff number                | 90019000      |
| Country of origin                    | TN            |

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## Technical data

### Notes

|               |                                                                                      |
|---------------|--------------------------------------------------------------------------------------|
| Assembly note | Please observe the application note in the download area.                            |
| General       | To prevent glare, the system has an aperture. This also makes mixed colors possible. |

### Product properties

|                      |                                             |
|----------------------|---------------------------------------------|
| Product type         | Fiber optic                                 |
| Number of positions  | 8                                           |
| Pitch                | 2.54 mm                                     |
| Number of rows       | 2                                           |
| Alignment            | Horizontal                                  |
| Conductor type       | Multiple light guides with glare protection |
| Head form            | Raised head                                 |
| Number of indicators | 8 (2 rows x 4 columns)                      |

### Electrical properties

|                |        |
|----------------|--------|
| ESD protection | < 8 kV |
|----------------|--------|

### Dimensions

|               |         |
|---------------|---------|
| Diameter      | 2 mm    |
| Hole diameter | 1.2 mm  |
| Pitch         | 2.54 mm |

### Material specifications

|                                        |              |
|----------------------------------------|--------------|
| Color (Light guide)                    | transparent  |
| Flammability rating according to UL 94 | HB           |
| Insulating material                    | Polycarbonat |

### Environmental and real-life conditions

#### Ambient conditions

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

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002943 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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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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