



## Item description

### Short description:

- PUR, halogen-free
- UL / CSA
- Suitable for drag chains
- Silicon- and CFC-free
- Good resistance to microbes, hydrolysis, oil, chemicals and UV radiation
- Good chemical resistance
- Cable used: UL listed

## Data

### Technical data

|                     |                     |
|---------------------|---------------------|
| Connection type     | free end - free end |
| Pole number         | 4                   |
| Cable length        | 50 m                |
| PLC manufacturer    | WAGO                |
| Operating voltage   | 250 VAC/DC          |
| Operating current   | 4 A                 |
| Rated surge voltage | 2.5 kV              |

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



|                       |           |
|-----------------------|-----------|
| Contact resistance    | 10 mΩ     |
| Insulation resistance | 1000 MΩ   |
| Conductor resistance  | ≤ 26 Ω/km |

**Mechanical Data**

|                         |   |
|-------------------------|---|
| Bending radius          | 10 x cable diameter (min.) for flexible application |
| Bending cycles          | 4 Mio.  |
| Drag chain capability   | yes   |
| Sheathed cable diameter | 6 ... 6.4 mm  |
| Type code               | Lif9YH-11YH 4x0.75 mm <sup>2</sup>                  |
| Conductor configuration | Bare copper wire (40 x 0.15 mm)                     |
| Conductor insulation    | PP9Y (halogen-free)                                 |
| Wire colors             | brown, white, blue, black                           |
| Weight                  | 10 g  |

**Environmental requirements**

|   |                     |
|---|---------------------|
| Ambient (operating) temperature (dynamic) | -30 ... +80 °C      |
| Ambient (operating) temperature (static)  | -30 ... +80 °C      |
| Protection type                           | IP67                |
| Pollution degree                          | 3/2 per IEC 60664-1 |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-06-18-01   |
| eCl@ss 9.0            | 27-06-18-01   |
| ETIM 8.0              | EC003249      |
| ETIM 7.0              | EC003249      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4045454772345 |
| Customs tariff number | 85444290900   |

**Environmental Product Compliance**

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Subject to changes. Please also observe the further product documentation!



## Downloads

### Documentation

#### System Description

|  |               |          |
|--|---------------|----------|
| I/O-SYSTEM – SPEEDWAY, General Product Information | pdf<br>1.1 MB | Download |
|--|---------------|----------|

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## CAD/CAE-Data

### CAE data

|                                 |     |          |
|---------------------------------|-----|----------|
| WSCAD Universe 756-3100/000-500 | URL | Download |
| WSCAD Universe 756-3100/000-500 | URL | Download |

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## Environmental Product Compliance

### Compliance Search

|  |     |          |
|--|-----|----------|
| Environmental Product Compliance 756-3100/000-500<br>Power cable; 4-pole; Length: 50 m | URL | Download |
|--|-----|----------|

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## Installation Notes

Subject to changes. Please also observe the further product documentation!