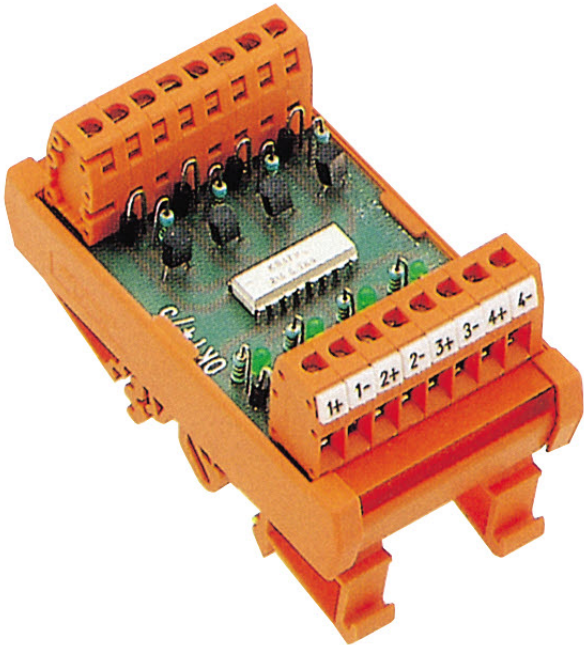


# Data sheet

## 5948.2 OKI 8/24 DC



Multiple opto-coupler module, Screw connection, Mounting type: Mounting rail TS 35, 8 channels, Separated, Input voltage: 24 VDC

### Business data

|                                            |                     |
|--------------------------------------------|---------------------|
| Article number                             | 5948.2              |
| Article name                               | OKI 8/24 DC         |
| GTIN (EAN)                                 | 4044211070762       |
| Packaging unit                             | 1                   |
| Quantity unit                              | PC                  |
| Weight per piece (not including packaging) | 142 g               |
| Weight per piece (including packaging)     | 200 g               |
| Unit of weight                             | G                   |
| Customs number                             | 85414900            |
| Country of origin                          | NL                  |
| Product description                        | Opto-coupler module |

### Technical data

#### Dimensions

|        |       |
|--------|-------|
| Length | 87 mm |
| Width  | 89 mm |
| Height | 57 mm |

#### Ratings

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
| Contamination degree | 2   |

#### Connection data

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Connection principle                                     | Screw connection    |
| Wire cross-section single core (rigid), min.             | 0.2 mm <sup>2</sup> |
| Wire cross-section single-core (rigid), max.             | 4 mm <sup>2</sup>   |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 2.5 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup> |
| Stripping length                                         | 7 mm                |
| Torque                                                   | 0.6 Nm              |

#### Input data

|                         |                  |
|-------------------------|------------------|
| Input voltage           | 24 VDC $\pm$ 10% |
| Drop-out voltage        | <9,6 VDC         |
| Control current         | 5 mA             |
| Number of channels      | 8                |
| Power consumption       | 0,3 W            |
| Switch-on threshold U/I | >19,2 VDC / 5 mA |

#### Output data

|                                               |            |
|-----------------------------------------------|------------|
| Output voltage range                          | 5-48 VDC V |
| Voltage drop at 20 °C and rated current, max. | <1 V       |
| Switching current, min.                       | 0,001 A    |
| Continuous current max. / Inrush current max. | 0,1 / - A  |

#### Materials

|                           |        |
|---------------------------|--------|
| Working temperature, min. | -20 °C |
| Working temperature, max. | 55 °C  |

Technical data

Further technical data

|                       |         |
|-----------------------|---------|
| Status display        | ✓       |
| Response/release time | 10 ms   |
| Switching frequency   | 0,1 kHz |
| Test voltage          | 4 kV    |

Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2024-01-23 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

---

**Approvals**

---

**Standards and regulations**

---

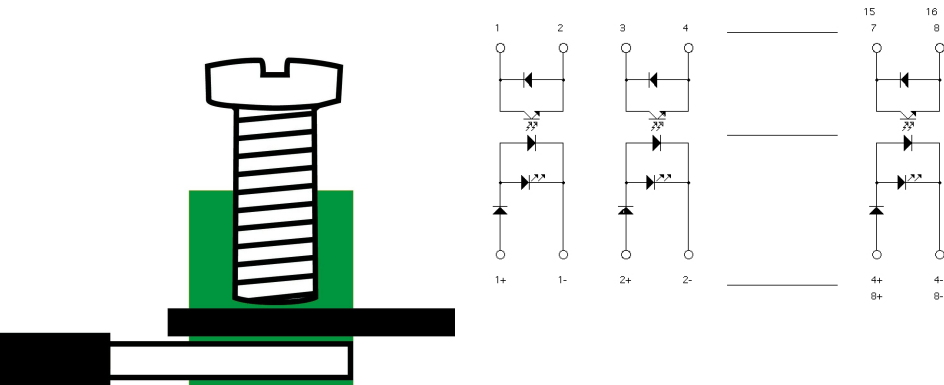
|                            |                         |
|----------------------------|-------------------------|
| Standards / specifications | DIN VDE 0110 / EN 50178 |
|----------------------------|-------------------------|

---

# Data sheet

## 5948.2 OKI 8/24 DC

### Media



---

Accessories

---