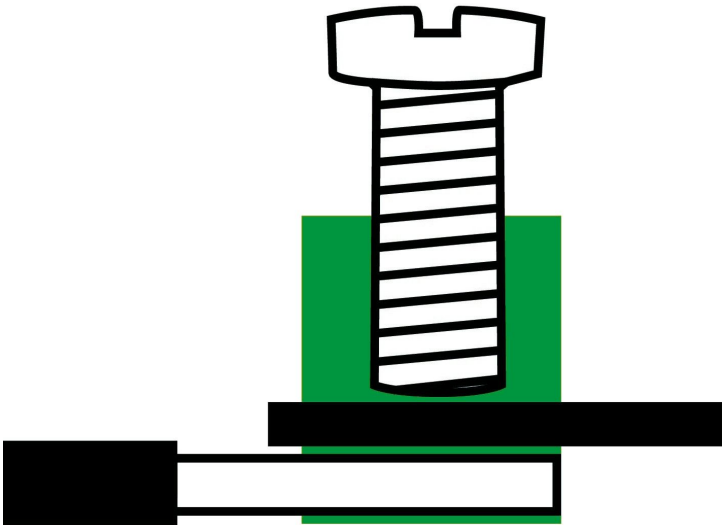




DC/DC converter module, regulated, Screw connection, Mounting type: Mounting rail TS 35, Input: 1-phase, Output: 24 VDC/0.5 A

Business data

|                                            |                  |
|--------------------------------------------|------------------|
| Article number                             | 15079.2          |
| Article name                               | DC-DC 48/24-3    |
| GTIN (EAN)                                 | 4044211151034    |
| Packaging unit                             | 1                |
| Quantity unit                              | PC               |
| Weight per piece (not including packaging) | 160.3 g          |
| Weight per piece (including packaging)     | 180.5 g          |
| Unit of weight                             | G                |
| Customs number                             | 85423990         |
| Country of origin                          | EU               |
| Product description                        | Converter module |

### Technical data

#### Dimensions

|                  |       |
|------------------|-------|
| Length           | 50 mm |
| Width            | 87 mm |
| Height TS 35/7.5 | 88 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 DC min. | 25,5 V |
| Input voltage DC max. | 48 V   |
| Power consumption     | 72 W   |

#### Output data

|                      |         |
|----------------------|---------|
| Output voltage DC    | 24 V    |
| Regulated DC voltage | ✓       |
| Output current       | 2.9 A   |
| Residual ripple      | <250 mV |

#### Materials

|                           |        |
|---------------------------|--------|
| Working temperature, min. | -20 °C |
| Working temperature, max. | 50 °C  |

# Data sheet

## 15079.2 DC-DC 48/24-3



### Technical data

#### Further technical data

|                         |           |
|-------------------------|-----------|
| Protection class        | IP00      |
| Status display          | ✓         |
| Efficiency              | 75 %      |
| Switching frequency     | 50000 kHz |
| Short-circuit resistant | ✓         |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2023-06-14 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

### Approvals

#### Standards and regulations

|                            |                             |
|----------------------------|-----------------------------|
| CE compliant               | yes                         |
| Standards / specifications | DIN EN 50178 / DIN VDE 0110 |

---

Media

---

---

Accessories

---