

Primary clocked power supply, Tension-spring connection, Mounting type: Mounting rail TS 35, Input: 1-phase, Output: 24 VDC/1.3 A

### Business data

|  |                 |
|--|-----------------|
| Article number                             | <u>16110.2</u>  |
| Article name                               | PSPI 230/24-1,3 |
| GTIN (EAN)                                 | 4044211153786   |
| Packaging unit                             | 1               |
| Quantity unit                              | PC              |
| Weight per piece (not including packaging) | 170 g           |
| Weight per piece (including packaging)     | 170 g           |
| Unit of weight                             | G               |
| Customs number                             | 85043180        |
| Country of origin                          | DE              |
| Product description                        | DC power supply |

### Technical data

#### Dimensions

|   |       |
|---|-------|
| Length                                  | 89 mm |
| Width                                   | 54 mm |
| Height TS 35/7.5                        | 62 mm |
| Required minimum clearance (side)       | 15 mm |
| Required minimum clearance (top/bottom) | 70 mm |

#### Ratings

|  |           |
|--|-----------|
| Nominal input voltage  | 100 V     |
| Nominal input voltage AC max.  | 230 V     |
| Rated output voltage   | 24 ± 2% V |
| Input current at rated load  | 0,7 A     |
| Input current at max. nominal input voltage                              | 0.5 A     |
| Rated frequency min.   | 44 Hz     |
| Rated frequency max.   | 66 Hz     |
| Mains failure bridging time at rated load and min. nominal input voltage | 10 ms     |
| Mains failure bridging time at rated load and max. nominal input voltage | 80 ms     |
| Contamination degree   | 2         |

#### Connection data

|  |                           |
|--|---------------------------|
| Connection principle                                     | Tension-spring connection |
| Wire cross-section single core (rigid), min.             | 0.08 mm <sup>2</sup>      |
| Wire cross-section single-core (rigid), max.             | 2.5 mm <sup>2</sup>       |
| Wire cross-section stranded, min.                        | 0.08 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   | 8 mm                      |

#### Input data

|                             |                   |
|-----------------------------|-------------------|
| Inrush current limit        | <30 A, NTC        |
| Recommended circuit breaker | 6, 10, 16 (B,C) A |

### Technical data

#### Output data

|                               |          |
|-------------------------------|----------|
| Output voltage DC min.        | 22,8 V   |
| Output voltage DC max.        | 26,4 V   |
| Output current                | 1.3 A    |
| Residual ripple at rated load | 100 mVss |
| Can be wired in series        | ✓        |
| Can be switched in parallel   | ✓        |
| Feedback resistance, max.     | 30 VDC   |

#### Materials

|                           |        |
|---------------------------|--------|
| Working temperature, min. | -25 °C |
| Working temperature, max. | 55 °C  |
| Relative humidity, min.   | 30 %   |
| Relative humidity, max.   | 85 %   |

#### Further technical data

|                           |            |
|---------------------------|------------|
| Protection class          | IP20       |
| Storage temperature, min. | -25 °C     |
| Storage temperature, max. | 85 °C      |
| Efficiency                | 82 %       |
| Input fuse (internal)     | 2 A        |
| Derating at K > 45 °C     | -3 %       |
| Convection cooling        | ✓          |
| Signal display DC OK      | LED, green |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | Yes        |
| REACH Reference date           | 2024-06-27 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | Yes        |

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### Approvals

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#### Standards and regulations

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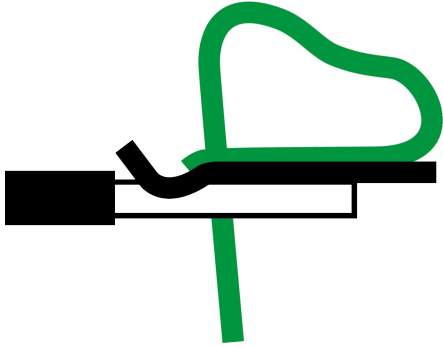
|              |                                |
|--------------|--------------------------------|
| CE compliant | yes                            |
| EMC          | EN 61204-3                     |
| Safety       | EN 61558-2-17, EN 60950 (SELV) |

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### Media

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### Accessories

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