

Primary clocked power supply, Tension-spring connection, Mounting type: Mounting rail TS 35, Input: 1-phase, Output: 24 VDC/2.5 A

Business data

| | |
|--|-----------------|
| Article number | <u>16111.2</u> |
| Article name | PSPI 230/24-2,5 |
| GTIN (EAN) | 4044211153793 |
| Packaging unit | 1 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 240 g |
| Weight per piece (including packaging) | 240 g |
| Unit of weight | G |
| Customs number | 85043180 |
| Country of origin | DE |
| Product description | DC power supply |

Technical data

Dimensions

| | |
|---|-------|
| Length | 89 mm |
| Width | 72 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 | 1,4 A |
| Input current at max. nominal input voltage | 0,6 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 ² |
| Wire cross-section single-core (rigid), max. | 2.5 mm ² |
| Wire cross-section stranded, min. | 0.08 mm ² |
| Wire cross-section stranded, max. | 2.5 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm ² |
| Stripping length | 8 mm |

Input data

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|-----------------------------|-------------------|
| 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 | 2.5 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 | 88 % |
| Input fuse (internal) | 2 A |
| Derating at K > 45 °C | -3 % |
| Convection cooling | ✓ |
| Signal display DC OK | LED, green |

Environmental Product Compliance

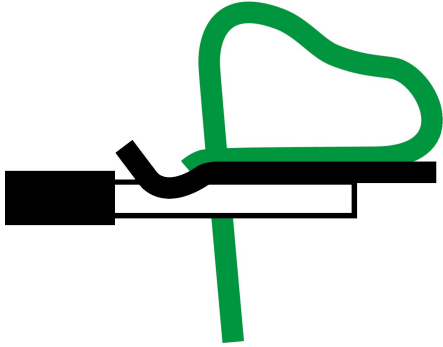
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|--------------------------------|------------|
| REACH Conform | Yes |
| REACH Reference date | 2024-06-27 |
| REACH Candidate Substance Note | No |
| RoHS Conform | Yes |

Approvals

Standards and regulations

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

Media



Accessories
