

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

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

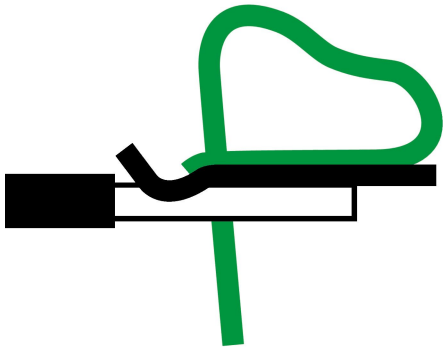
REACH Conform	yes
REACH Reference date	2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

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

Media



Accessories
