

16110.2
PSPI 230/24-1,3
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Primary clocked power supply, Tension-spring connection, Mounting type: Mounting rail TS 35, Input: 1-phase, Output: 24 VDC/1.3 A

Business data

Product description	DC power supply
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	170
Weight per piece (including packaging)	170
Unit of weight	G
Customs number	85043180
Country of origin	DE

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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

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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

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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 %

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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, grün

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Approvals

Standards and regulations

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

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Media

