

AL-520-00 DALI POWER SUPPLY, DALI power supply

DALI power supply unit for top-hat rail mounting, 230 V AC, 240 mA

Article no.: 12053

Interfaces:

1x 230 V AC, 1x DALI bus voltage



DALI

The **AL-520-00 DALI POWER SUPPLY** is a reliable DALI power supply with an input voltage of 230 V AC and a DALI-compliant output voltage with an output current of up to 240 mA.

The device has a width of 2 TE and is suitable for mounting on a mounting rail.

Technical data

Interfaces

Type	DALI power supply
Quantity	1
Output current	Max. 240 mA (+/- 5%)
Output voltage	Type. 16 V DC (+/- 5%)

User interfaces

Service LEDs	1x device status
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Housing / connection technology

Connection technology	Spring clamps , Push-In
Housing	UL-V0, light gray

Supply

Supply voltage	230 V AC (+/- 10%)
Power consumption	max. 5.0 W / 22 mA

Ambient conditions

Operating temperature	0°..+50°C
Storage temperature	-20°..+70°C
Air humidity	10..95% relative humidity, non-condensing
Protection class	IP20

Dimensions and weight

Weight	68 g
Dimensions	94 x 36 x 60 mm (2TE)

Standards / Approvals

General	ROHS 3 2011/65/EU + Annex 2015/863/EU Low Voltage Directive 2014/35/EU
EMC	EN 61000-4-3:2006 + A1:2007 + A2:2010 EN 61000-4-4:2012; EN 61000-4-5:2014; EN 61000-4-6:2013; EN 61000-4-11:2004; EN 55015:2013 + A1:2015; CISPR 15:2013 + IS1:2013 + IS2:2013 + A1:2015 DIN EN 61547:2010-03; VDE 0875-15-2:2010-03; EN61547:2009; IEC 61547:2009 DIN EN 61547 Ber. 1:2010-07; VDE 0875-15-2 Ber. 1:2010-07; EN 61547:2009, Ber. To DIN EN 61547:2010-03;
Device security	EN 62368-1:2014 + AC:2015

Brief description

Power supply

The **AL-520-00 DALI POWER SUPPLY** is supplied with 230 V AC alternating voltage.

DALI bus supply

The **AL-520-00 DALI POWER SUPPLY** provides a DALI-compliant output voltage with a maximum output current of 240 mA.

STATUS LED

The green status LED inside signals a correct output voltage.

Order information

Article text	Order number	Description
AL-520-00 DALI POWER SUPPLY	12053	DALI power supply, output current max. 240 mA (+/- 5%); Supply voltage 230 V AC; protection class IP20; Ambient temperature 0°..+50°C; Connections: Push-in spring terminals; Dimensions: 94 x 36 x 60 mm (2 HP); for top-hat rail mounting;

EU Declaration of Conformity

DEUTA Controls GmbH hereby declares that the **AL-520-00 DALI POWER SUPPLY** device complies with the standards and limit values to be observed in accordance with the applicable EU directives. The full text of the EU Declaration of Conformity is available at the following Internet address: www.deuta-controls.net in the Service/Downloads section (Doc. EUDC2024_105).

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