

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

DALI power supply for DIN rail mounting, 230V AC, 240mA

Part nr.: 12053

Interfaces:

1x 230V AC, 1x DALI power supply



DALI

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

It has been designed to be mounted on a standard DIN rail.

Technical data

Interfaces

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

User interfaces

Service LEDs	1x device status / power good
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Housing / connectors

Connection technology	Spring clip, push-in, max. 1.5mm ² inflexible, max. 1.0mm ² flexible with cable end sleeves
Housing	UL-V0, light grey

Power supply

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

Environmental conditions

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

Dimensions and weight

Weight	68 g
Dimensions	94 x36 x 60 mm

Standards / approvals

CE	2011/65/EU RoHS directive
Approvals / tests	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 Cor. 1:2010-07; VDE 0875-15-2 Cor. 1:2010-07; EN 61547:2009, Cor. DIN EN 61547:2010-03;
Electrical safety	EN 62368-1:2014 + AC:2015

Short device description

Supply voltage

The **AL-520-00 DALI POWER SUPPLY** has to be supplied by 230V AC line voltage.

DALI power supply

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

STATUS-LED

The green status LED is powered on when the output voltage is ok.

Ordering information

Article text	Part number	Description
AL-520-00 DALI POWER SUPPLY	12053	DALI power supply, output current max. 240 mA (+/- 5%); supply voltage 230V AC; protection class IP20; operating temp. 0°..+50°C; connectors: push-In spring contacts; dimensions: 94 x 36 x 60 mm; for din-rail mounting;

EU Declaration of Conformity

Hereby the DEUTA Controls GmbH declares that the device type **AL-520-00 DALI POWER SUPPLY** is compliant with the relevant EU directives and its standards and limits. You can download the complete EU Declaration of Conformity as a pdf-document on our homepage www.deuta-controls.net in the area Service/Downloads (Doc. EUDC2019_137).

Version 20, 11.04.2020
