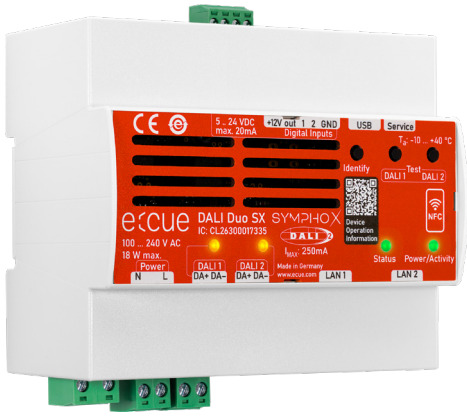
DALI Duo SX



SYMPHOX

e:cue DALI Duo SX

The DALI Duo SX is ideal for small to medium-sized DALI projects, running on the SymphoX software. It is designed to enable efficient and cost-effective DALI installations. The controller is network-capable and can be expanded with SYMPL Nodes to support growing system requirements. Commissioning is simple and flexible via NFC, USB, or Wi-Fi. An integrated test mode enables fast and reliable system verification during setup. In addition, two digital inputs provide extended application possibilities e.g. the flexibilty to connect to dry contacts.

Highlights

- e:cue's SymphoX running standalone controller
- 2 x DALI line
- Provides DALI bus power supply; per line: max. 250 mA, guaranteed 220 mA
- Power supply via base device; insulated PSU
- DALI-2 certified
- 2 x Digital input
- Remote commissioning and support via LAN, USB, or Wi - Fi

Delivery scope

	Identcode
· e:cue DALI Duo SX	CL26300017335
· Safety instructions & Welcome note	

Optional accessories

· SYMPL dali Node	AB444230035
· SYMPL Switch	AM313830035

Product specifications

Dimensions (W x H x D)	106 x 90 x 62 mm / 4.17 x 3.54 x 2.44 in (excl. fastening clip) Width: 6 units
Weight	330 g / 0.73 lb
Power supply input	100 ... 240 V AC, 2-pin terminal, 7.62 mm pitch stranded/ solid wire, wire gauge: 0.2 ... 3.3 mm²
Power consumption	max. 18 W
Operating temperature	-10 ... 40 °C / 14 ... 104 °F
Storage temperature	-20 ... 70 °C / -4 ... 158 °F
Op. / Stor. humidity	0 ... 85% RH, non-condensing
Cooling	Fanless, convection
Protection class	II
Installation conditions	IP20, not designed for outdoor use, intra-building connections only
Housing	Self extinguishing blend PC/ABS UL document E140692
Mounting	On 35 mm DIN rail (EN 60715)
Certificates	CE, ETL pending, DALI-2

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Interface specifications

Output interfaces	2 x DALI line, 2-pin terminal plug, 5.08 mm pitch max. supply current = 250 mA guaranteed supply current = 220 mA max. bus power supply voltage = 19.3 V stranded/ solid wire wire gauge: 0.2 ... 3.3 mm² conformal to IEC 62386-101, IEC 62386-103 individually isolated basic insulation
Input interfaces	2 x Digital input common ground connector terminal plug row, 3.5 mm pitch stranded/ solid wire wire gauge: 0.13 ... 1.31 mm² max. input voltage 24 V DC

Input voltage	Input current
5 V DC	2 mA
12 V DC	6 mA
24 V DC	12 mA

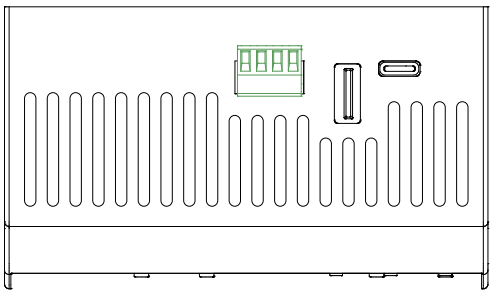
12 V source: output current typically 20 mA; must only be used to operate dry contacts!
high level input threshold: 3 ... 24 V
low level input threshold: 0 ... 2 V

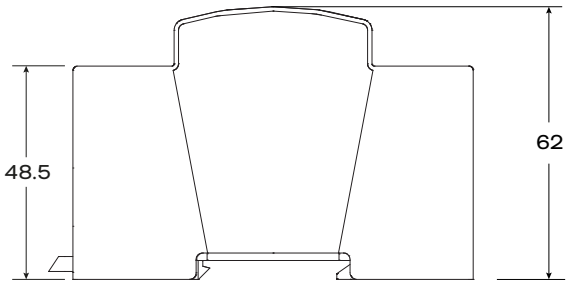
System interfaces	2 x e:net / Ethernet, 10/100/1000 Mbit/s, RJ45, CAT shielded 1 x USB 2.0 Type A for supported user specific devices 1 x Service port (USB-C)
User interfaces	LEDs for Power/Ethernet activity, device status, DALI status; Identify button, DALI test mode accessible with device buttons; Web interface for configuration

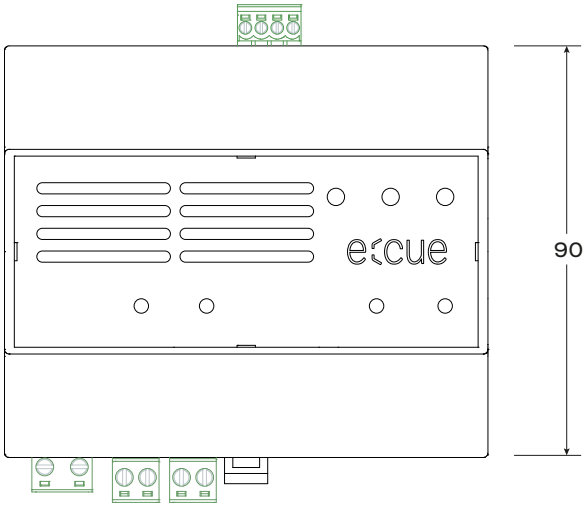
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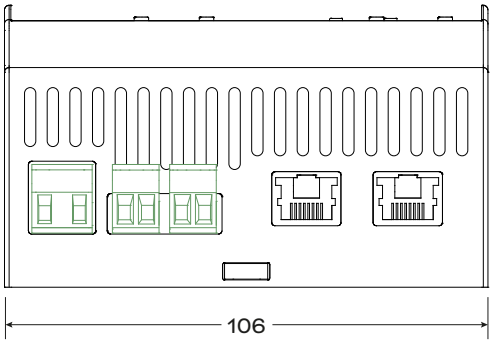
Dimensions

All measures in mm



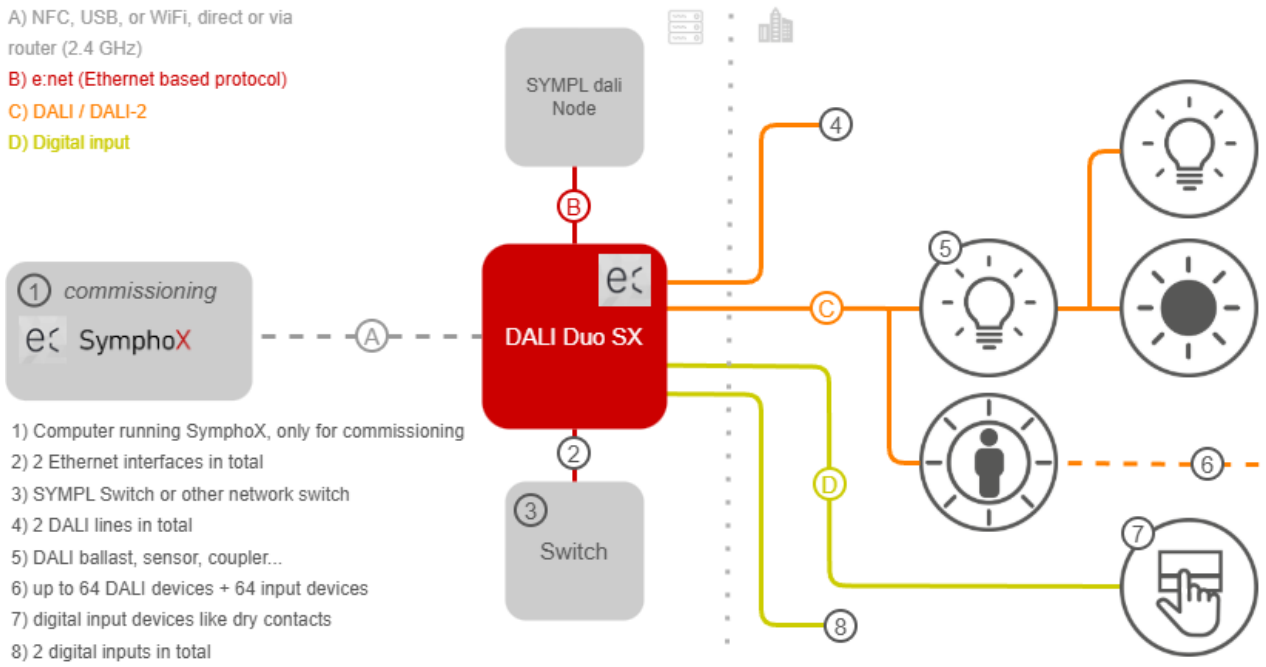






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System diagram



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