

DaliControl SC16

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At the lower side of the casing the following connectors can be found (left to right):

- KNX Bus Connector
- LED -> Programming LED
- Prog. -> Programming Button
- PE L N -> Power Supply Connector

At the upper side of the casing the following connectors can be found (left to right):

- D+/D- -> DALI-Connector
- B1 -> Connector passive binary input 1
- B2 -> Connector passive binary input 2

On the device front the following elements can be found:

- Display 2x12 chars for DALI Commissioning
- MOVE-button
- Prg/Set-button
- ESC-button
- Operating-LED (PWR)
- Failure-LED

Display Elements:	Red LED to indicate KNX Normal-/Addressing Mode Green PWR-LED to signal device readiness (blinks when in normal operation mode) Red ERR-LED to signal fault status LC-Display, 2 lines with 12 characters each with menu for commissioning and setting of parameters.
User Elements:	Programming Button to toggle between normal and addressing mode 3 buttons (SCROLL, Prg/Set, ESC) on display front to commission the device and set parameters
Connectors:	KNX bus connector Mains Connector: screw connector 3x 1,5mm ² single or threaded core DALI-Bus: screw connector 2x 1,5mm ² single or threaded core Binary input: screw connector 2x 1,5mm ² single or threaded core busline: bus connector KNX
Inputs:	2 x passive binary input for connection of conventional pushbutton or movement sensor 9-32VDC or 8-26VAC, max wire length 15m
DALI Bus:	Connection of up to 64 ECGs complying to IEC 60926 DALI-Voltage 18-21VDC, short circuit proof It is not allowed to use other control devices (DALI-Master devices) within the same line.
Bus Coupler:	integrated in device, connection with standard bus connector
Dimensions:	35mm DIN rail mounting 6 units wide: 106mm x 55mm x 86mm
Weight:	200 g
Casing:	LEXAN UL-94-V0
Environmental Conditions:	EN 50090-2-2 Operation: 0 °C to +45 °C Storage: -25 °C to +70 °C
Rel. Humidity:	non condensing: 5 % to 93 %
Power Supply:	Mains Connector for 110 to 240 V, 50 to 60Hz, max. 0,1A KNX Bus SELV DC 24 V
Protection type:	IP20 according to EN 60529, Din VDE 0470
Class:	I according to IEC 1140

Pollution Class:	2
Overvoltage Category:	III
EMC:	complies with EN 50081-1, EN 50082-2, EN 50090-2-2
CE-Signage	According to EMC-Guidelines (Residential and commercial buildings), Low Voltage guidelines
Certification	EIB/KNX registered