



85421700

DALI/DSI control insert, electronics

Technical properties

Architecture

Type of control unit Push button

Functions

Function automatic detection of DALI/DSI devices ; Remote control with KNX radio hand-held/wall-transmitters in combination with KNX radio buttons

Switching for switching and controlling electr. ballasts and Tronic transformer with DALI/DSI interface

Operating mode automatic selection of operating mode (active/passive)

Controls and indicators

Control supplies the system voltage for additional DALI users when connected to mains voltage

Main electrical features

Frequency 50/60 Hz

Voltage

Operating voltage 230 V AC

DALI voltage 16 V DC (10,5 ... 22,5 V=)

Electric current

Control current 40 mA

Output current max. 40 mA

Fuse

Fuse with electronic short-circuit and overload protection

Dimensions

Insertion depth 32 mm

Installation depth, flush-mounted boxes 32 mm

Claw guidance installation depth 32 mm

Housing installation depth 22 mm

Power

Power consumption (standby) < 0.4 W

Measurement

Extension unit input with extension unit input for push-button (NO contact)

Materials

Colour	white
Material / surface	no conductive connection between supporting ring and spreading claws
Connection	
Screw terminals (max.)	2 x 1,5/1 x 2,5 mm ²
Quantity of DALI devices	max. 20
Type of connection	with screw terminals
Number of substations	unlimited
Cable	
DALI cable length at 1.5 mm ²	max. 300 m
Cable length, extensions	max. 100 m
Equipment	
Substation input	Yes
Number of DALI/DSI devices, passive operation	max. 64
Brightness	switch-on brightness level can be stored safe after power failure
DALI	Bus communication in Broadcast mode according to IEC 62386-102
Safety	
REACH conform	No
RoHS conform	Yes
Halogen free	No
Use conditions	
Operating temperature	-5...45 °C
Storage/transport temperature	-20...60 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 % (without condensation)
Identification	
Application, usage	Light control ; KNX radio- operating systems
Main design line	Electronics platform