

## SMARTDRIVER x4 TW ELC

**Item number**      **GTIN**  
 EC10430572      4015120430572



### Product description

- Light control for up to 4 ELC lights (ELC=ESYLUX Light Control) with Tuneable White
- Integrated constant lighting control for high energy efficiency
- 2 push button inputs for conventional button (230V)
- Compatible with selected DALI push buttons and DALI I/O devices
- SymbiLogic technology for biologically effective lighting
- Manual override and scenes in 2 separate light channels
- Connection of the lights via RJ45
- Can be networked with additional ELC light controls via DALI

### Technical data

GENERAL	
Device category	Control
Product information	ELC lighting systems combine compatible components via plug-and-play: ELC main lighting, control unit and sensor system. Alternatively: The ELC lights are also suitable for plug-and-play installation outside ELC lighting systems if suitable driver sets (accessories) are used
User interface	Push button input, IR remote control
Remote controllable	✓
Conformity	CE, EAC, RoHS, SundaHus, WEEE
Warranty	5 years

ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Type of connection	Push terminal
Connectable wire cross section	1.50 – 2.50 mm <sup>2</sup>

HOUSING	
Dimensions	Length 474 mm x Width 345 mm x Height/Depth 90 mm
Weight	3761 g
Material	Steel, galvanised

Protection type	IP20
Permissible ambient temperature	0 °C...+40 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white

ELECTRICAL VERSION	
Control system	ELC (ESYLUX Light Control), DALI
Protection class	I
Nominal voltage	230 V ~ / 50 - 60 Hz
Power consumption	130 W
Stand-by consumption	7.5 W

CHANNELS (LIGHTING / HVAC)	
Number of light channels	2
Number of light groups	10
Number of HVAC-channels	2
Number of scenes	4
Orientation light	disabled/10 - 50 %, 2 values can be selected
Constant light control	✓
Orientation light duration or time	✓
HCL-lighting control	✓
Number of outputs luminaires ELC	4
Number of outputs luminaires DALI	4

### Factory settings

GENERAL	
Sensitivity	100 %

SymbiLogic	✓
Afterglow luminous efficiency	10 %

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Orientation light ON	–
Orientation light, depending on brightness	✓
Switching threshold for orientation light	500 lx
Deviation (%)	0 %
Luminous efficiency switch-on value	50 %
Colour temperature switch-on value	4000 K

### CHANNELS (LIGHTING / HVAC)

Channel	C1 Lighting
Operating mode	fully automatic
Level of brightness/switching threshold	500 lx
Switch-off delay time	5 min
Luminous efficiency of orientation light	10 %
Duration of switch-off warning	60 s

### Accessories

Product designation	Item number	Product description	GTIN
<b>Cable</b>			
CABLE-SET RJ45 5m TW x4	EC10431128	Connection cable set for SMARTDRIVER x4 TW series	4015120431128
CABLE-SET RJ45 10m TW x4	EC10431135	Connection cable set for SMARTDRIVER x4 TW series	4015120431135
CABLE RJ45 5m RD	EQ10019890	Connection cable RJ45, 5 m, red	4015120019890
CABLE RJ45 5m BL	EQ10019982	Connection cable RJ45, 5 m, blue	4015120019982
CABLE RJ45 10m RD	EQ10020155	Connection cable RJ45, 10 m, red	4015120020155
CABLE RJ45 10m BL	EQ10019999	Connection cable RJ45, 10 m, blue	4015120019999
<b>Ceiling-mounted presence detector</b>			
PD-C 360i/8 ELC	EP10427602	Presence detector with 360° field of detection for ceiling mounting	4015120427602
PD-C 360i/24 ELC	EP10427619	Presence detector with 360° field of detection for ceiling mounting	4015120427619
PD 360i/8 BASIC ELC	EB10431357	Presence detector for ESYLUX Light Control with 360° field of detection for ceiling mounting	4015120431357
<b>Electrical accessories</b>			
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (Full automation)	4015120427473
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (Semi-automatic)	4015120427480
<b>Push button</b>			
PUSH BUTTON x8 TW ELC	EC10430930	DALI 8 x push button Tunable White	4015120430930
PUSH BUTTON x8 CLASSROOM ELC	EC10431241	DALI 8-way push button	4015120431241
PUSH BUTTON x8 PATIENT ROOM ELC	EC10431265	DALI 8-way push button	4015120431265
PUSH BUTTON x4 PATIENT ROOM ELC	EC10431258	DALI 4-way push button	4015120431258

# DATA SHEET

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### Dimension drawing

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