



EAN code
DLS3-1: 8595188157506
Order Code: 5750

Technical parameters		DLS3-1
Inputs		
Range of measurement of lighting:	1 - 100 000 lx	
Detection angle:	40 °	
Outputs		
Indication red LED:	identification DALI MASTER/setting indication	
Indication green LED RUN:	communications/unit status	
Communication		
Interface:	installation iNELS BUS, DALI	
Power supply		
From iNELS BUS:	27 V DC, -20/+10 %	
Rated current:	12 mA (27 V DC)	
From DALI BUS:	16 V (max. 23 V)	
Rated current:	20 mA (16 V DC)	
Dissipated power:	max. 0.5 W	
Connection		
Terminals:	max. 1x2.5, max. 2x1.5/with sleeve max. 1x2.5 mm ²	
Operating conditions		
Operating temperature:	-30 to +60 °C	
Storing temperature:	-30 to +70 °C	
Protection degree:	IP65	
Operating position:	vertical	
Dimension and weight		
Dimension:	96 x 62 x 34 mm	
Weight:	100 g	
Standards:	EN 63044-1	

For proper function of the detector it is necessary to eliminate all sources of light interference in the sensing area.

- The luminescence sensor DLS3-1 is for sensing the current luminescence at the point of installation of the unit.
- The DLS3-1 sensor is equipped with two communication interfaces:
 - iNELS BUS installation
 - DALI (a maximum 4 pcs of DMD3-1 or DLS3-1 units can be used on one DALI bus).
- Information about the current value of the light intensity can be used in tasks of maintaining constant luminescence. In space where it is possible, thanks to the contribution of natural light from the outside to adjust the artificial light, which can reduce energy consumption.
- Thanks to the DLS3-1 units cannot only be used in residential projects, but also in commercial projects, offices or manufacturing plants, warehouses.
- The DLS3-1 unit is recommended to be installed so that the luminescence sensor for sensing faces down and should not be exposed to direct radiation.
- Setting up a communication interface with DIP switches no. 1:
 - in the upper position determines the communication interface DALI
 - in the lower position determines the communication interface iNELS.
- The DLS3-1 detector is powered directly via the iNELS BUS installation (nominal 27 V DC) or DALI BUS (nominal 16 V DC).
- The unit can be configured via iNELS3 Designer & Manager software, which, amongst other things it is possible to:
 - Set the desired functions according to the detected illumination.
 - The sensing range is 1-100 000 lux.
 - The DLS3-1 unit is supplied in IP65 and so can be installed in the outdoor environment.

Connection

