

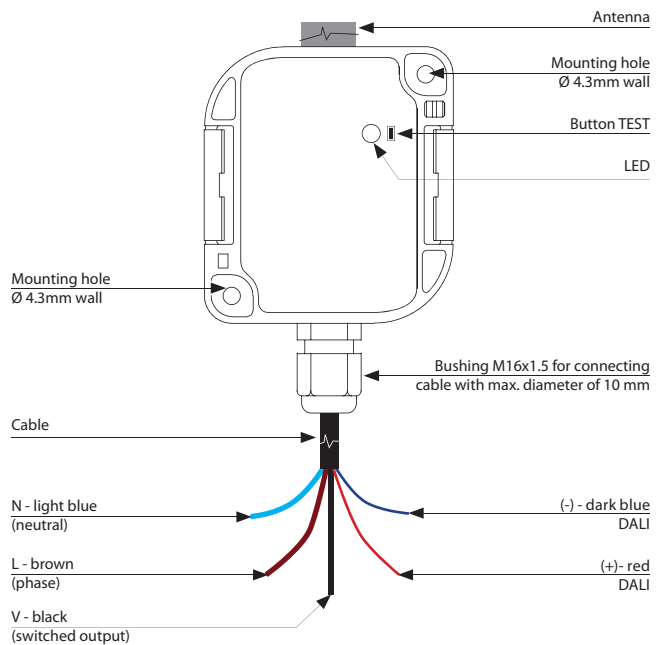
AirSLC-100 | Street light controller (DALI)



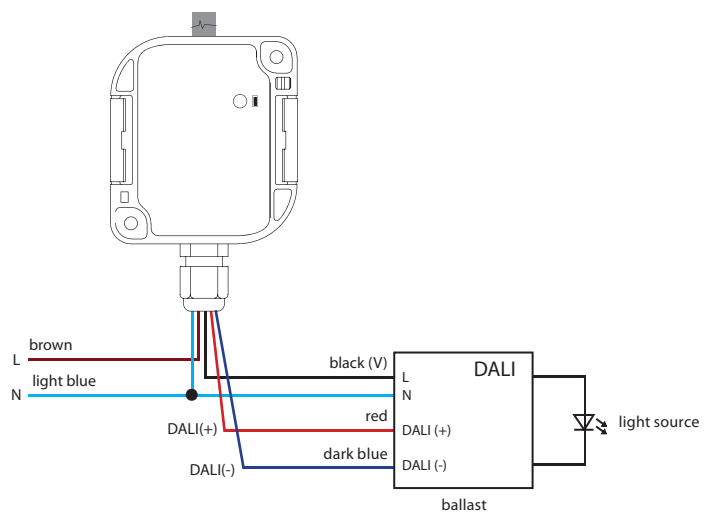
- Used for remote control of the luminaire: ON / OFF / DIMM.
- Module measures current flow - fault detection (ballast fault, light source, connecting wires ...).
- The two-directional communication module is intended primarily for monitoring and switching of public lighting in cities,
- Using a monitoring and switching component will help you eliminate financial costs.
- Communicates over the wireless LPWAN network (LoRa).
- Data is sent to the server from which it can be subsequently displayed as a smartphone, application, or Cloud notification.
- Update using the RFAF / USB Service Key.

Technical parameters		AirSLC-100L/DALI
Supply voltage:	110 - 230 V AC / 50 - 60 Hz	
Apparent input:	3 VA	
Dissipated power:	1.2 W	
Supply voltage tolerance:	+10 /-15 %	
Output		
Communication Interface:	active (self-powered) polarized, the ability to connect one device	
Output voltage:	20 mA	
Relay contacts:	1x AgSnO ₂ , switch the phase conductor	
Current rating:	10 A / AC1	
Breaking capacity:	2 500 VA / AC1	
Switching voltage:	250 V AC1	
Mechanical life:	1x10 ⁷	
Electrical life:	1x10 ⁵	
Measurement of consumption		
Type:	current flow	
Range:	± (20 mA ... 10 A)	
Setting		
Setting:	message from the server	
Control		
Control:	With a message from the server / button TEST	
Output Indication Indicator:	green LED	
Indication:	red LED	
Communication		
Protocol:	LoRa	
Transmitter frequency:	868 MHz	
Range in open space:	Approx. 10 km*	
Transmission power (max.):	25 mW / 14 dBm	
Other parameters		
Working temperature:	-15 ... + 50 °C	
Operation position:	any	
Mounting:	glue / screws**	
Protection degree:	IP44	
Overvoltage category:	III.	
Pollution degree:	2	
Cable	part of the product	
- Cross section:	Ø 8 mm	
- length:	45 cm	
- terminals:	3x 1.5 mm ² , 2x 0.5 mm ²	
Length of individual wires:	5 cm	
Cable grommet:	M16 x 1.5 for cable Ø max. 10 mm	
Dimension:	182 x 62 x 34 mm	
Weight:	162 g	

Device description



Example connection



* Depending on network coverage

** Do not enclose in metal switchboards and the like.