CU3-09M/DALI | Central unit with 1x BUS, 1x DALI

EAN code
CU3-09M/DALI: 8595188184656
Order Code: 8465

- CU3-09M is one of the basic system control units of iNELS BUS istallations.
- The unit can work independently, as an autonomous project, or it can be controlled by the central software as part of a larger project.
- The unit is equipped with one BUS to swich it is possible to connect up to 32 elements from the iNELS BUS portfolio.
- The current load of one line is max. 1 A. BPS3-01M with 3 A can be used incase of connected device with more than 1 A.
- The CU3-09M/DALI system unit is equipped with one DALI bus.
- The DALI system bus allow control of up 64 independent DALI for devices.
- Addressing of DALI can be done via the iDM3 software.
- The RJ45 100 Mbps Ethernet connector is used direct communication with the cloud for mobile app control or for communication with the superior unit within the iNELS IP topology.
- Configuration takes place in the iNELS3 Designer & Manager software (iDM3).
- Through iDM3 it is possible to update the firmware of central units and bus connected peripheral units.
- The central unit is implemented with MQTT protocol for 3rd party communication.
- The unit is powered by 27 V DC from iNELS power supply.
- System units CU3-09M/DALI in 1-MODULE design are designed for mouting into a switchboard on DIN rail EN60715.

Technical parameters	CU3-09M/DALI
Indication LED STATUS	
Green - RUN:	The main program runs
Red - ERR:	The main program stalled
Communication	
System BUS	
Maximum number of units:	max. 32 Units
Status indication (LED BUS):	green: BUS Operating Status
	red: error indication on the bus
Output interface DALI	
DALI addresses max.	64
Bus power supply:	external DALI power supply must be connected
Status indication (LED DALI):	green: DALI Operating Status
Ethernet	
Connector:	RJ45
Communication speed:	100 Mbps
Ethernet status indication	green - Ethernet communication
(LED ETH):	yellow - speed Ethernet 100 Mbps
Default IP address:	192.168.1.1
RESET button	
Restart:	short press
Reset (return to factory	press the button to bring power on,
settings):	button release 10 s after power is supplied
Power	
Supply voltage/tolerance:	27 V DC, -20/+10 %
Rated current:	50 mA (at 27 V DC)
Operating conditions	
Working temperature:	-20 to +55 °C
Storage temperature:	-25 to +70 °C
Air humidity:	max. 80%
Degree of protection:	IP20 device, IP40 with cover in the control cabinet
Degree of pollution:	2
Working position:	any
Installation:	to the control cabinet for DIN rail EN 60715
Design:	1-MODULE
Terminal plate:	max. 2.5 mm²
Dimensions and weight	
Dimensions:	94 x 17.6 x 64 mm
Weight:	72 g
Standards:	EN 63044-1, EN 62368-1

Connection