



EAN code
iNELS Bridge 24V DC: 8595188185097
Order Code: 8509

Technical parameters

iNELS Bridge

Communication

Communication network:	Ethernet
Pre Installed software:	Connection Server, Home Assistant, Asterisk, MQTT Broker
Ethernet	
Connectors:	RJ-45
Communication speed:	10/100Mb
Ethernet status indication:	LED link
Preset IP address (ETH):	DHCP, mDNS

Power supply

Version 24V DC:	8-36 V DC/1 A
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Operating conditions

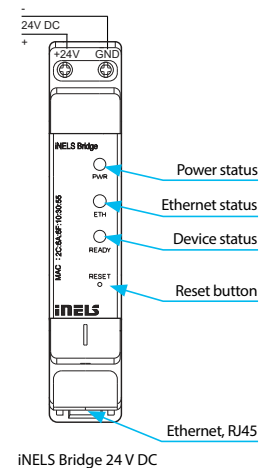
Operating temperature:	-20 to +55 °C
Storage temperature:	-25 to +70 °C
Humidity:	max. 80%
Degree of protection:	IP20
Overvoltage category:	II.
Degree of pollution:	2
Operating position:	any
Installation:	DIN rail EN 60715
Design:	1-MODULE
Terminal:	max. 2.5 mm ²

Dimensions and weight

Dimensions:	94 x 17.6 x 64mm
Weight:	72 g
Standard:	EN 63044-1, EN 62368-1

- iNELS Bridge works as a gateway for connecting third party devices and integrating them into the iNELS environment.
- It is a one module hardware contain powerful linux based computer.
- The unit comes with an option of pre-installed Home assistant with iNELS driver.
- The server uses the open Home Assistant platform, which contains more than 1000 existing integrations.
- The connection server is providing a communication environment between iNELS BUS System with the third-party devices, for which their protocols are also translated and submitted.
- iNELS Bridge is equipped ethernet port for fast and easy communication.
- The configuration is happening on its own web interface, where the default IP address is not fixed. (The IP address is assigned from the DHCP server and it's needed to be known when we're connected to the network).
- The device can be powered by 24VDC input, and it also supports Power over Ethernet (Passive POE), providing flexibility in power options.

Device description



Integrations and protocols

iNELS Bridge



Integrations



Protocols

