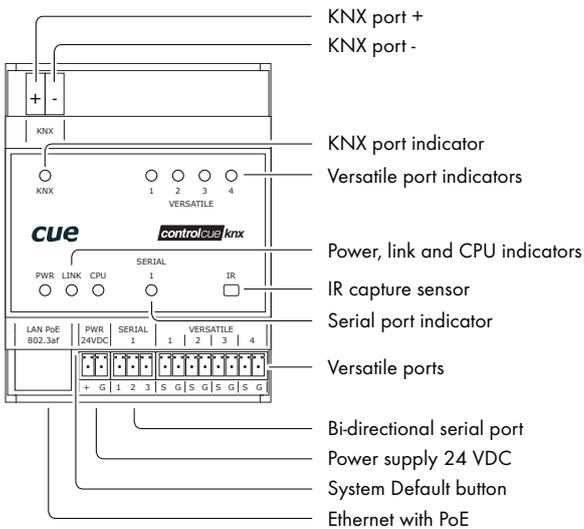


Description



Connector Pinouts

PWR 24 VDC

Pin	Description
+	Power +24 VDC
G	Ground

VERSATILE 1 - 4

Pin	Description
1 S	Versatile 1 - signal
1 G	Ground
2 S	Versatile 2 - signal
2 G	Ground
3 S	Versatile 3 - signal
3 G	Ground
4 S	Versatile 4 - signal
4 G	Ground

SERIAL 1

Pin	RS-232	RS-485
1	TxD	A+
2	RxD	B-
3	Ground	Ground

KNX

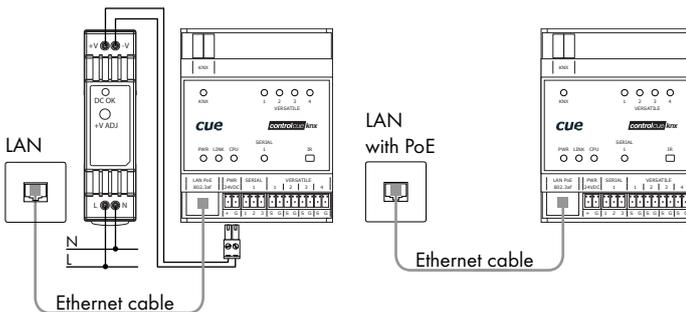
Pin	Description
+	KNX bus +, connector red
-	KNX bus -, connector grey

Power Supply and LAN Connection

Power Supply 24 VDC

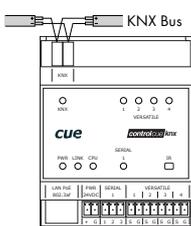
(delivered DIN rail power supply)

PoE Power Supply



Note: use only one of the power ways, do not connect the 24V power supply if you are using PoE.

KNX Port Usage



This galvanically isolated port provides connection to the KNX bus.

The controller has a built-in BCU (bus coupling unit) which supervises the correct access to the KNX bus. The KNX telegrams can be both sent to and received from the KNX bus.

System Default Setup

When System Default button is pressed longer then 5 sec., the system default function is performed and setup is as follows

- IP address: from DHCP (192.168.1.127 without DHCP)
- IP Mask: from DHCP (255.255.255.0 without DHCP)
- Password: Empty (no input required)

User Manual

Complete user manual can be downloaded here:

http://www.cuesystem.com/user_manuals.aspx

Versatile Ports Usage

Input modes

Digital input

Adjustable threshold

- High sensitivity
binary 0 < 1.45 V, binary 1 > 2.05 V
- Low sensitivity
binary 0 < 5.8 V, binary 1 > 8.2 V

Input impedance >100 kΩ

Adjustable digital filter

Pulse counter

Adjustable threshold as above

Input impedance as above

Pulse length min. 1 ms, max. frequency 500 Hz

Max. number of pulses 2 147 483 647 (Long)

Adjustable digital filter

Voltage input

Range 0 ÷ 2.5 VDC, 0 ÷ 10 VDC, auto

Input impedance >100 kΩ

Resolution 10-bit

Adjustable digital filter

Accuracy ± 1 % of range (digital filter applied)

Resistance input

Range 2 kΩ, 20 kΩ, 200 kΩ, auto

Resolution 10-bit

Adjustable digital filter

Accuracy ± 1 % of range (digital filter applied)

Output modes

Digital output

Max. sink current 200 mA / max. 30 VDC

Catch diodes for use with inductive load

Current pull-up

Current-source pull-up 9 mA (max. 10 V)

Current pull-down

Current-source pull-down -9 mA (max. -10 V)

IR output

Maximum IR carrier frequency 500 kHz

Up to 3 original IR Adapter /i in parallel

Serial output

RS-232

Serial data baud rate 300 Bd ÷ 115 200 Bd (bps)