

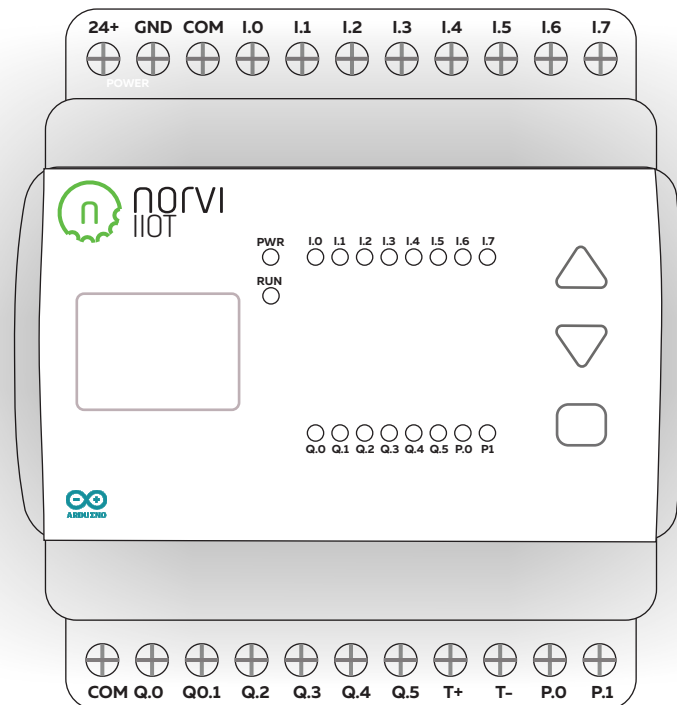
INDUSTRIAL CONTROLLERS

NORVI IIOT

For Industrial IOT Applications



ESPRESSIF
inside



EN 61131-2:2007
EN 61010-1:2010+A1:2019
EN IEC 61010-2-201:2018

2014/30/EU- Electromagnetic Compatibility (EMC)
Annex III, Part B, Module C

Ready for the future
NORVI IIOT



Product line....

NORVI-IIOT-AE01-R

0.96 OLED Display

8 Digital Inputs

6 Relay outputs

2 Transistor outputs

RS 485 Communication

NORVI-IIOT-AE01-R

0.96 OLED Display

8 Digital Inputs

8 Transistor outputs

RS 485 Communication

NORVI-IIOT-AE02-V

0.96 OLED Display

8 Digital Inputs

6 analog inputs 0 to 10V

RS 485 Communication

NORVI-IIOT-AE02-I

0.96 OLED Display

8 Digital Inputs

6 analog inputs 4 - 20mA

RS 485 Communication

NORVI-IIOT-AE04-V

0.96 OLED Display

6 Digital Inputs

6 analog inputs 0 to 10V

RS 485 Communication

microSD card support

DS3231 RTC

NORVI-IIOT-AE04-I

0.96 OLED Display

6 Digital Inputs

6 analog inputs 4 - 20mA

RS 485 Communication

microSD card support

DS3231 RTC

NORVI-IIOT-AE03

8 Digital Inputs

1 analog inputs 0 to 10V (12 bit)

Expansions supported

LoRa communications
REYAX RYLR896



NB-IOT
BC95 module



Temperature
MAX31856



Analog
4-20mA / 0 - 10V



Load cell
HX-711



Features

SOC

ESP32-WROOM32

Power supply characteristics

12 ~ 24V DC

Connection of the embedded IO

Connection is performed through fixed screw terminal blocks (at intervals of 5.08 mm/0.200 in.)

Digital Inputs

24V DC Sink Source configurable by changing the common line

Storage

4 MB Flash Memory

Embedded display



128 x 64 OLED Display*

Programming



Programmable with Arduino IDE

Miscellaneous features

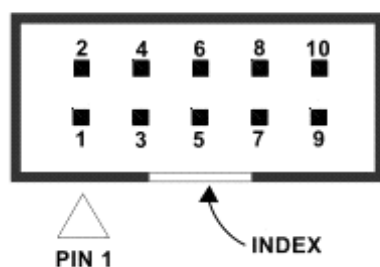
Front panel 3 button keypad*

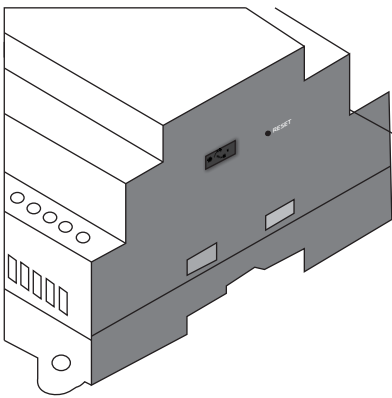
LED Input/Output/ Communication Indicators

* Only available in ESP32 Varients

GPIO Expansion port

PIN	ESP32 Connection
1	TXD0
2	IO33
3	RXD0
4	Not Connected
5	IO32
6	BOOT IO0
7	SCL IO17
8	Not Connected
9	SDA IO16
10	Ground





For further inquiries and tech support
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