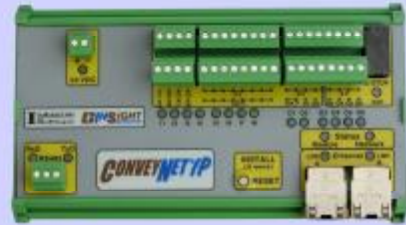


ConveyNET IP

8CH Isolated Digital Input and
6CH Isolated Digital Output Module
VFD Control with RS485 port

Features

- Communications – Ethernet
- Protocols – Ethernet IP, ModBus TCP
- 8 - Digital inputs
- 6 isolated high-side outputs
- Programs download via network
- Full galvanic isolated
- Protection – IP 20
- RS485 port
- Build-in Ethernet switch



Introduction

ConveyNet IP is a general purpose input module, which can be easily integrated in Ethernet networks, with Ethernet IP and ModBus TCP protocols. It can be easily connected to Allen Bradley PLCs. It has build-in software to control RS485 capable VFDs from Ethernet PLC.

Specifications

Digital Inputs:

- Number of input channels: 8
- All inputs are in-groups of four with common connection point.
- Nominal Input Voltage: 11~ 35V DC
- Input Current - from 6 up to 30mA (IEC 61131-2 standard)
- Logic 1- from 11 up to 35V DC (IEC 61131-2 standard)
- Logic 0- from 0 up to 5V DC (IEC 61131-2 standard)

Digital Outputs:

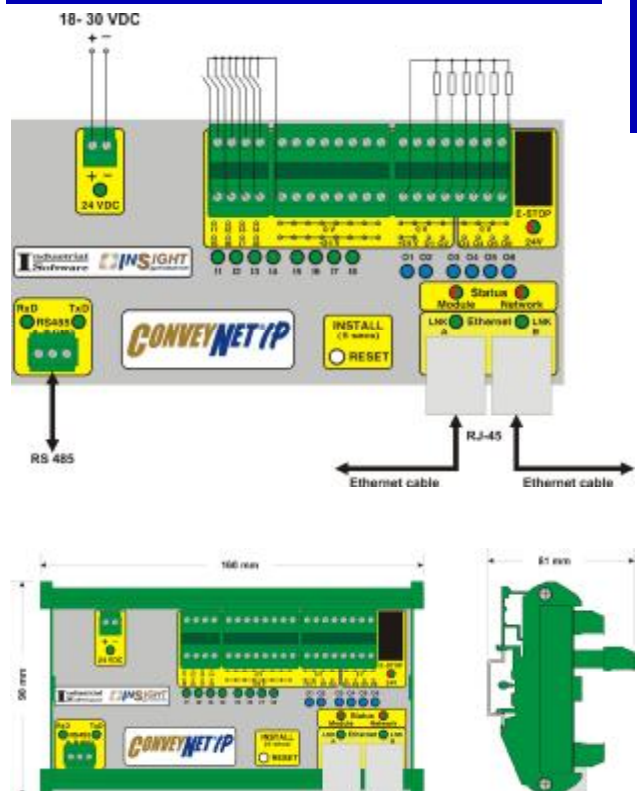
- Number of output channels:
 - § 6 isolated high-side outputs in two separate groups .One of the groups(Outputs 3-6) is watchdog protected.
 - Nominal Outputs Voltage Supply - 24V DC
 - Commutation Voltage - 24V DC
 - Maximum Commutation Current - 1A
 - Maximum Continuous Current – 0,5A
- Protection short circuit, over voltage and over temperature shutdown

General Specifications

- Power requirement:
 - § Nominal: +24VDC/ 80mA
 - § Voltage Range: 18V to 30VDC
- Operating temperature: -20°C ~ +80°C
- Storage temperature : -40°C ~ +85°C
- Protection – IP 20
- Isolated voltage:

- § DC/DC converter from power supply – 1000VDC
- § Transceiver with transformer to network – EN61000-4-2/3/4/5/6
- § Photo-coupler from Input/Output – 5,3kVrms
- Mounting: DIN Rail
- Electromagnetic compatibility: IEC 61131-2
- Dimension: 160mm x 90mm x 61mm

ConveyNET IP – Terminals assignment



General Purpose Ethernet I/O

