



Prochista
S m a r t T e c h n o l o g y

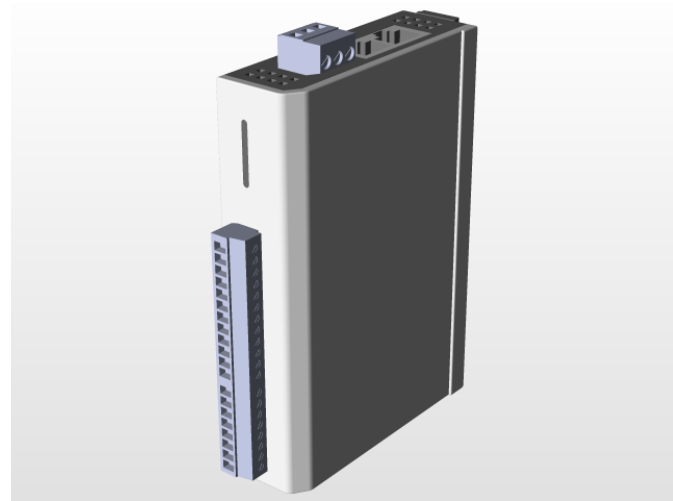
Ethernet remote I/O with 2-port Ethernet switch (Ethernet)

Part No. PCT-EH05DDI0152

Document No. 980909152-1/1

This module enables your monitoring system to monitor digital I/O connections in telecom datacenters which uses 48VDC system.

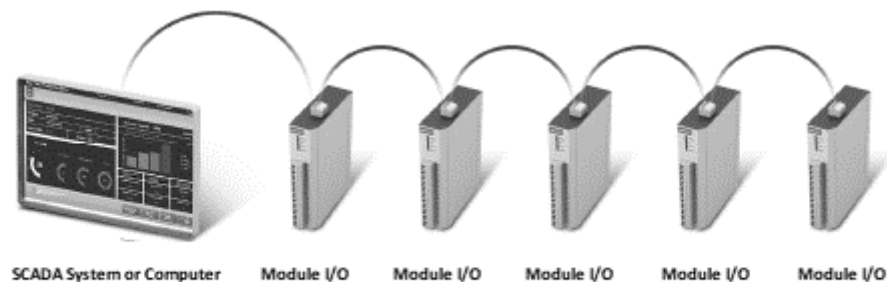
Using SNMP this module can be integrated with many different tools such as Schneider, Emerson, Prochista DCIM, IO, Nlyte, iTracs, HP OpenView, IBM Tivoli, CA, BMC, Modius, MRTG, Cacti, Nagios, Zenoss, ManageEngine, Ipswitch WhatsUp, Paessler PRTG, Solarwinds & more ...



- The unit has a built-in web server that you can access to configure, read sensor data, and define alerts.
- The unit can operate with 48VDC power supply for easy installation in 48VDC power distribution panels.
- 2-port Ethernet switch for daisy-chain topologies Design for Din-Rail installation.
- Supports SNMP v1/v2c
- Saves time and wiring costs with peer-to-peer communications
- Friendly configuration via web browser

Installation

To function properly, the unit must be connected like following diagram.



Specification

Electrical	
PowerSupply Input voltage	12- 48 VDC ($\pm 10\%$)
Input current	Max 100 mA
Power consumption	Max 1300 mW
Network	
Protocol support	HTTP, SNMP v1,SNMP v2, SNMP v3, SNMP Trap, DHCP, DNS, ICMP
LAN Interfaces	10/100 Mbps (Internally bridged)
Max cable length	depending on cable quality up to 100m
Digital Inputs	
Digital Input Channels	16
Dry Contact	On: short to GND/Off: open
Digital Filtering Time Interval	Software configurable
I/O Mode	DI or event counter
Isolation	2500 V Isolated
Wet Contact (DI to COM)	On: 10 to 30 VDC/Off: 0 to 3 VDC
Counter Frequency	250 Hz
Over-Voltage Protection	35 VDC
Environmental conditions	
Operation Temperature Range	-10°C –70°C
Operation Humidity Range	95%RH or less (without dew condensation)
Recommended Storage Temperature	-20°C – 85°C

Configuration

For configuring the unit simply login into unit's webpage, by default the unit boots in static IP mode .The unit's default IP is "172.16.0.1", default Username and Password is "prochista".

Note: For reloading default settings, hold the reset button on power up for at least 3 seconds (reset button is located behind the unit)

Mechanical Dimension

