

# CPGU-0500

5-Port Industrial Gigabit PoE+ Ethernet Switch

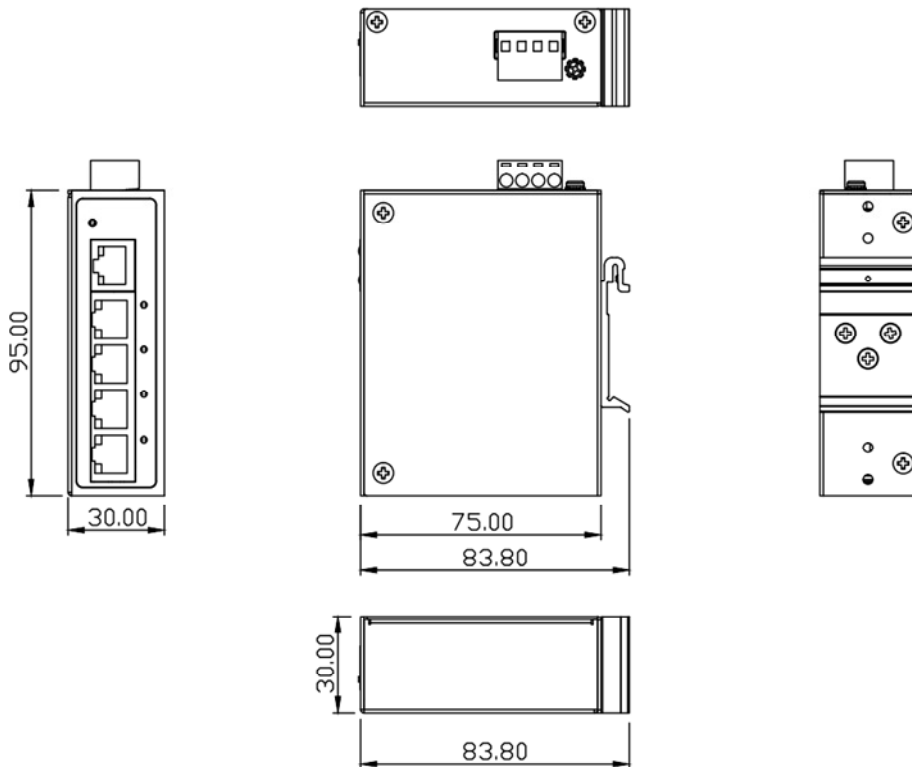
5\*10/100/1000Tx with 4\*PoE Injector (30W/Port), 48-55VDC Power Input



- 4-port 10/100/1000Tx Gigabit Ethernet with IEEE 802.3at PoE+ Compliant (30W/Port)
- 1-port 10/100/1000Tx Gigabit Ethernet
- Provided Max. 120W full PoE power budget
- Redundant Power Inputs Design, 48-55VDC
- Compact size and IP30 Rugged Metal Case Design
- Fan-less design
- DIN-Rail Mounting & Wall Mounting installation
- Operating Temperature Range - STD: -10°C ~ 65°C, EOT: -40°C ~ 75°C
- 5 Years Warranty



## Dimensions (mm)



## Ordering Informations

**CPGU-0500** 5-Port Industrial Gigabit PoE+ Ethernet Switch, 5\*10/100/1000Tx with 4\*PoE Injector (30W/Port)

**CPGU-0500-T** 5-Port Industrial Gigabit PoE+ Ethernet Switch, 5\*10/100/1000Tx with 4\*PoE Injector (30W/Port), Extended Operating Temperature: -40° to 75° C

# Specifications

## Technology

<b>Standards</b>	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT IEEE 802.3af/at PoE PSE
<b>Processing Type</b>	Store and Forward
<b>Protocol</b>	CSMA/CD
<b>Flow Control</b>	IEEE 802.3x flow control, back pressure flow control

## Switcha Properties

<b>Switch Architecture</b>	Back-Plane: Non-Blocking Switching Fabric
<b>Transfer Rate</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
<b>Memory Buffer</b>	1M bit
<b>Jumbo Frame</b>	10K bajtów
<b>MAC Table size</b>	8K

## Interface

<b>RJ45 Ports</b>	5*10/100/1000BaseT(X) z 4* PoE+, auto negotiation speed, Full/Half duplex mode, auto MDI/MDI-X connection
<b>PoE Pin Out</b>	V+, V+, V-, V-, dla pinów 1, 2, 3, 6 (Endspan, MDI Alternative A)
<b>LED Indicators</b>	Power Ethernet Ports: On-Link/Flash-data transmitting PoE : On-connected to PD devices
<b>Network Cable</b>	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)

## Power Requirements

<b>Input Voltage</b>	48-55VDC, Redundant Inputs
<b>Overload Current Protection</b>	Present(Slow-Blow Fuse)
<b>Power Connection</b>	1 removable 4-contact terminal block
<b>Reverse Polarity Protection</b>	Present
<b>PoE Power Output</b>	30Watts max. per PoE port
<b>Power Consumption</b>	5.5Watts for system
<b>Max. PoE Power Budget</b>	120W

## Mechanical Characteristics

<b>Housing</b>	Metal, IP30 protection
<b>Dimensions</b>	30 x 95 x 75 mm (W x H x D)
<b>Weight</b>	Unit Weight: 0.35kg, Shipping Weight: 0.45kg
<b>Mounting</b>	DIN-Rail Mounting, Wall Mounting

## Environmental Limits

<b>Operating Temperature</b>	STD: -10°C ~ 65°C (14°F ~ 149°F); EOT: -40°C ~ 75°C (-40°F ~ 167°F)
<b>Storage Temperature</b>	-40°C ~ 85°C (-40°F ~ 185°F)
<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)

## Regulatory Approvals

<b>EMI</b>	FCC Part 15 Subpart B Class A
<b>EMS</b>	EN 61000-6-2, EN 61000-6-4
<b>Free Fall</b>	IEC60068-2-32
<b>Shock</b>	IEC60068-2-27
<b>Vibration</b>	IEC60068-2-6
<b>Green</b>	RoHS
<b>CE</b>	yes
<b>Warranty</b>	5 Years