

# SPECIFICATIONS

## ETHERNET SWITCH 8 PORT



### Description

The Ethernet Switch can work as a standalone switch or a control system master for external communication.

The PCB share power and data-bus with other iCsys Control System boards through stack connectors.

The stacking feature enable swift mounting and keeps wiring to a minimum. A complete range of stackable expansion boards are available for various applications.

### Features

- Control System Master
- LED Indicators for Diagnostics
- Diagnostics through Modbus TCP/UDP
- Web Interface for Configuration
- PC104 dimensions
- Loop Detection
- 1Gbit and 2.5Gbit SFP's (DIP Sw. Selectable)
- Temperature Sensor
- Stackable with other CS PCBs
- Three RJ45/SFP options

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### General Technical Specifications

Type		Ethernet Switch 8 Port
Dimensions	mm	96x90x13
Weight	g	~120
Temperature Operational (ambient)	°C	-20 to +70
Temperature Storage	°C	-20 to +70

### Electrical

Supply Voltage	VDC	24 (8-30)
Power Consumption	W	~5W

### Communication

Modbus TCP/UDP  
CAN-Bus  
Web Interface

### Performance

Switching Capacity	SFP	SFP 2,5 Gbit / 1 Gbit
Switching Capacity	RJ45	1 Gbit / 100Mbit / 10Mbit

### Ordering Part Numbers

Description	Part Number
Ethernet Switch 8xRJ45	117996
Ethernet Switch 7xRJ45 + 1x SFP	117997
Ethernet Switch 6xRJ45 + 2x SFP	117998

### Accessories

SFP 1Gbps Single-fiber Tx1310nm Rx1550	107847
SFP 1Gbps Single-fiber Tx1550nm Rx1310	109060
SFP 2.5Gbps Single-fiber Tx1490nm Rx1550	118780
SFP 2.5Gbps Single-fiber Tx1550nm Rx1490	118781
Connector - 2 Way Cable Contact	100040

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