

## ETHERNET SWITCHES

The Signamax hardened series compact Fast Ethernet Switches are equipped with 4-port 10/100Base-TX with 802.3af PoE support plus 1-port Combo (100Base-TX or 100Mbit SFP slot).

The TX ports auto-negotiate for 10/100Mbps speed and auto-detect Full or Half-duplex mode. One Combo port can be used for communication via fiber cables 62,5/125, 50/125 or 9/125 with using SFP module. The Signamax hardened switch series can be DIN-Rail mounted and is equipped with Jack and Terminal Block power input.

# 900-7405P1GC16 Signamax Industrial Switch

## SPECIFICATIONS

### STANDARD

IEEE 802.3, 802.u, 802.3x, 802.3af

### NETWORK PORTS

4 10/100Mbps Fast Ethernet copper ports  
1 combo port - 10/100Mbps copper & SFP

### COPPER PORT

Shielded RJ-45, 10/100Mbps, auto-negotiation, auto-MDI/MDI-X support

### MAC ADDRESSES

Table with 1K entries

### NETWORK CABLES

10/100Mbps copper: Cat.5 up to 100m,  
100Base-FX: 62.5/125, 50/125 MM fiber, 9/125 SMfiber

### POWER OVER ETHERNET

IEEE 802.3af compliant, PSE on Port 2 ~ Port 5  
Power delivery 48V 15.4W max. per port up to 100 meters

### LED INDICATORS

Display on both top and front panels  
Per unit: power, Per port: speed, link/activity & PoE status

### DC POWER INPUT

Screw terminal block: power +/- and PE contact  
DC jack: -D 6.3mm/+D 2.0mm  
Operating voltage range: +6 ~ +57VDC (+48V up for PoE operation)

### HOUSING

Enclosed metal with no fan

### PHYSICAL CHARACTERISTICS

**Power Consumption:** 4W max. with no PoE support  
70W max. for 4 PoE PSE max. output  
**Operating Temperature:** -20° to 70°C  
**Storage Temperature:** -20° to 85°C  
**Relative Humidity:** 10-90%, non-condensing  
**Dimensions:** 144 × 104.5 × 26 mm (W x D x H)

### APPROVAL

FCC Class A certificate, CE mark/EMC Class A certificate  
EN60950/IEC60950-1 safety  
NEMA TS2-2003 Environment tests



## KEY FEATURES

- Provides 5 10/100Mbps RJ-45 and one 100Mbps SFP slot
- All copper ports support auto-negotiation and auto-MDI/MDI-X detection
- Provides full wire speed forwarding
- Supports 802.3x flow control for full-duplex and backpressure for half-duplex
- Provides SFP for optional optical fiber connection
- Provides four 802.3af-compliant PoE-enabled PSE ports
- Provides two types of power supply interfaces—Jack and terminal block
- Supports Stand-alone, Wall, Din-Rail, and Panel mounting
- Industrial-rated emission and immunity performance

## 900-7405P1GC16 Signamax Industrial Switch

PART NO.	DESCRIPTION
900-7405P1GC16	Signamax Industrial Switch 4x10/100 + 1xCombo, 4xPoE, -20 + 70C