

Unmanaged Switches

Unmanaged Power over Ethernet Switches

The 1000 series Unmanaged Power over Ethernet (PoE) Switches enable you to supply up to eight end devices with power and data via the same Ethernet cable.

Features:

- Up to 30 W per port
- Gigabit data throughput
- Jumbo frame support
- Versions with link monitoring



4 RJ45 PoE ports and 1 RJ45 port



2 RJ45 PoE ports and 2 SFP ports



Technical data

Technical data

Ethernet interface		
Number of ports	1 (RJ45 port)	-
Transmission speed	10/100 Mbps	-
Ethernet interface (PoE)		
Number of ports	4 (RJ45 ports)	2 (RJ45 ports)
Transmission speed	10/100 Mbps	10/100/1000 Mbps
Connection method	RJ45 socket	RJ45 socket
Fiber optic interface		
Number of ports	-	2 (SFP ports)
Transmission speed	-	100/1000 Mbps (full duplex)
Transmission distance	-	up to 80 km (depending on the fiber/SFP module used)
Function		
Basic functions	PSE, complies with IEEE 802.3at	Store-and-forward switch, 10/100/1000 Mbps, auto negotiation, redundant power supply, PoE in accordance with IEEE 802.3at/802.3af, jumbo frames up to 10240 bytes, alarm contact
Status and diagnostic indicators	LEDs: U _{S1} , U _{S2} (redundant voltage supply), Alarm (alarm contact), Link/Activity and PoE per Ethernet port	LEDs: U _{S1} , U _{S2} (redundant voltage supply), Alarm (alarm contact), Link/Activity and PoE per Ethernet port
Power supply		
Supply voltage	24 V DC	55 V DC (redundant)
Residual ripple	3.6 V _{PP}	3.6 V _{PP}
Supply voltage range	18 V DC ... 57 V DC	46 V DC ... 57 V DC (>52 V DC for PoE+ recommended)
Typical current consumption	148 mA (at U _S = 24 V DC)	80 mA (at U _S = 55 V DC)
General data		
Dimensions	W / H / D 55 mm / 117 mm / 78 mm	42.8 mm / 100 mm / 101 mm
Degree of protection	IP20	IP30
Ambient temperature (operation)	-40°C ... 75°C	-40°C ... 75°C
Permissible humidity (operation)	5% ... 95% (non-condensing)	5% ... 95% (non-condensing)
EMC note	Class A product, see page 527	Class A product, see page 527

Ordering data

Ordering data

Description	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Power over Ethernet switch	FL SWITCH 1001T-4POE	2891064	1	FL SWITCH 1000T-2POE-GT-2SFP	1026765	1
Gigabit Power over Ethernet switch						

Accessories

Accessories

SFP module		See page 332
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4 RJ45 PoE ports and 1 RJ45 port, optional 1 SFP port



8 RJ45 PoE ports and 2 SFP ports



8 PoE ports (M12 female), for wall mounting, IP67 protection



Technical data	
FL SWITCH 1001T-4POE-GT	FL SWITCH 1001T-4POE-GT-SFP
1 (RJ45 port) 10/100/1000 Mbps	-
4 (RJ45 ports) 10/100/1000 Mbps RJ45 socket	8 (RJ45 ports) 10/100/1000 Mbps RJ45 socket
-	2 (SFP ports) 1000 Mbps (full duplex) up to 80 km (depending on the fiber/SFP module used)
-	1 (SFP port) 1000 Mbps (full duplex) up to 80 km (depending on the fiber/SFP module used)
Store-and-forward switch, 10/100/1000 Mbps, auto negotiation, redundant power supply, PoE in accordance with IEEE 802.3at/802.3af, jumbo frames up to 10240 bytes, alarm contact	
LEDs: U _{S1} , U _{S2} (redundant voltage supply), Alarm (alarm contact), Link/Activity and PoE per Ethernet port	
24 V DC 48 V DC 3.6 V _{PP} 18 V DC ... 57 V DC	24 V DC 48 V DC 3.6 V _{PP} 18 V DC ... 57 V DC
165 mA (at U _S = 24 V DC)	214 mA (at U _S = 24 V DC)
30 mm / 149 mm / 107.8 mm IP30 -40°C ... 75°C 5% ... 95% (non-condensing) Class A product, see page 527	63.5 mm / 145 mm / 136 mm IP30 -40°C ... 75°C 5% ... 95% (non-condensing) Class A product, see page 527

Technical data	
FL SWITCH 1000T-8POE-GT-2SFP	FL SWITCH 1000T-8POE-GT-2SFP
8 (RJ45 ports) 10/100/1000 Mbps RJ45 socket	8 (RJ45 ports) 10/100/1000 Mbps RJ45 socket
2 (SFP ports) 1000 Mbps (full duplex) up to 80 km (depending on the fiber/SFP module used)	2 (SFP ports) 1000 Mbps (full duplex) up to 80 km (depending on the fiber/SFP module used)
Store-and-forward switch, 10/100/1000 Mbps, auto negotiation, redundant power supply, PoE in accordance with IEEE 802.3at/802.3af, jumbo frames up to 10240 bytes, alarm contact	
LEDs: U _{S1} , U _{S2} (redundant voltage supply), Alarm (alarm contact), Link/Activity and PoE per Ethernet port	
24 V DC 48 V DC 3.6 V _{PP} 18 V DC ... 57 V DC	24 V DC 48 V DC 3.6 V _{PP} 18 V DC ... 57 V DC
470 mA (at U _S = 24 V DC)	470 mA (at U _S = 24 V DC)
63.5 mm / 145 mm / 136 mm IP30 -40°C ... 75°C 5% ... 95% (non-condensing) Class A product, see page 527	63.5 mm / 145 mm / 136 mm IP30 -40°C ... 75°C 5% ... 95% (non-condensing) Class A product, see page 527

Technical data	
FL SWITCH 1708 M12 POE	FL SWITCH 1708 M12 POE
8 PoE ports (M12 female)	8 PoE ports (M12 female)
10/100/1000 Mbps M12 connector, 8-pos.	10/100/1000 Mbps M12 connector, 8-pos.
Store-and-forward switch, 10/100/1000 Mbps, auto negotiation, complies with standard IEEE 802.3, 4 priority classes in accordance with IEEE 802.1p, PoE in accordance with IEEE 802.3at/802.3af, jumbo frames up to 9720 bytes	
LEDs: US1, US2 (power supply), Fail (alarm contact), 3 LEDs per Ethernet port (Link, Activity, and PoE Status), and PoE performance	
24 V DC (M12 connector) 3.6 V _{PP} 18.7 V DC ... 30.5 V DC	24 V DC (M12 connector) 3.6 V _{PP} 18.7 V DC ... 30.5 V DC
300 mA (at U _S = 24 V DC)	300 mA (at U _S = 24 V DC)
176 mm / 112 mm / 100 mm IP65 / IP66 / IP67 -40°C ... 70°C (non-condensing) 10% ... 95%	176 mm / 112 mm / 100 mm IP65 / IP66 / IP67 -40°C ... 70°C (non-condensing) 10% ... 95%

Ordering data		
Type	Order No.	Pcs./Pkt.
FL SWITCH 1001T-4POE-GT	1026937	1
FL SWITCH 1001T-4POE-GT-SFP	1026932	1

Ordering data		
Type	Order No.	Pcs./Pkt.
FL SWITCH 1000T-8POE-GT-2SFP	1026929	1

Ordering data		
Type	Order No.	Pcs./Pkt.
FL SWITCH 1708 M12 POE	2701883	1

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