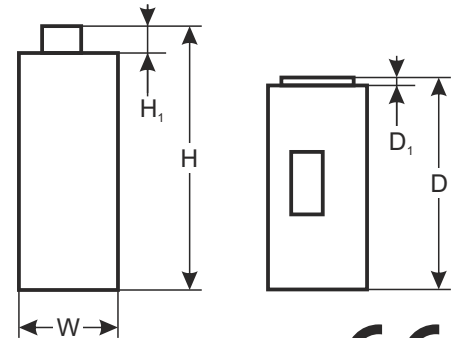


CODE: **ISF108** v.2.0/III
 NAME: **Industrial PoE switch ISF108 (8xPoE, 2xSFP, 2xRJ45)**

EN



Features:

- 12 ports switch
 - 8 PoE ports 10/100 Mb/s, (1+8 ports) (data and power supply)
 - 2 ports 10/100/1000 Mb/s (TP/9, TP/10 ports) (UpLink)
 - 2 ports 1000Mb/s SFP (SFP/11, SFP/12 ports) (UpLink)
- 30 W for each PoE port, supports devices complaint with the IEEE802.3af/at standard
- Supports auto-learning and auto-aging of MAC addresses (16K size)
- **Possibility of redundant power supply**
- Mounting on a DIN rail (TH35)
- LED indication
- warranty – 2 years from production date

DESCRIPTION

ISF108 is a 12-ports PoE switch designed to supply IP cameras operating in IEEE 802.3af/at standard. Automatic detection of any devices powered in the PoE standard is enabled at the 1 – 8 ports of the switch. The TP/9 and TP/10 ports is used for connection of another network device via RJ45 connector. The switch is fitted with SFP slots (marked as SFP/11 and SFP/12), the use of fiber optic module (GBIC) allows fiber optic transmission. Device has solutions that allow it to be powered from two sources (emergency power supply, redundant power supply) – in case of a failure of one source, it immediately switches to backup one.

The LEDs at the front panel indicate the operation status. The PoE technology ensures a network connection and reduces installation costs by eliminating the need to supply a separate power cable for each device. This method allows supplying other network devices, such as IP phone, wireless access point or router.

TECHNICAL PARAMETERS

Ports	8 x PoE (10/100 Mb/s) (RJ-45) 2 x UPLINK (10/100/1000 Mb/s) (RJ-45) 2 x UPLINK (1000 Mb/s) (SFP) with connection speed auto-negotiation and MDI/MDIX Auto Cross
PoE power supply	IEEE 802.3af/at (1+8 ports), 52 V DC / 30 W at each port *
Protocols, Standards	IEEE802.3, 802.3u, 802.3x CSMA/CD, TCP/IP
Bandwidth	5,6 Gb/s
Transmission method	Store-and-Forward
Optical indication of operation	Switch power supply; Link/Act; PoE Status
Power supply	Switch: 12-57 V DC; 2,3 A max. PoE: 48-57 V DC; 2,3 A max.
Self-power consumption	5 W max.
Operating conditions	Temperature -30°C ÷ +70°C, Relative humidity 5% - 90%, no condensation
Dimensions	W=54, H=176, H ₁ =10, D=153, D ₁ =8 [+/- 2 mm]
Net/gross weight	0,9 / 1,1 [kg]
Protection class EN 62368-1	I (first)
Storage temperature	-30°C ÷ +70°C
Declarations, warranty	CE, 2 years from production date

* The given value of 30 W per port is the maximum value. The total power consumption should not exceed 120 W.



Connection schemes

