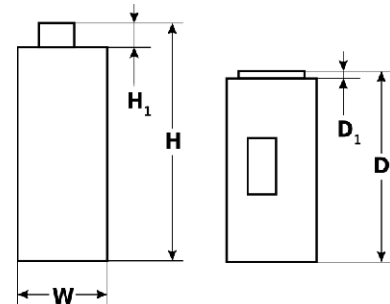


CODE: **ISFG42** v.1.0/IV  
 TYPE: **Industrial PoE switch ISFG42 (2xPoE, 2xSFP)**

EN



### Features:

- 4 ports industrial switch
- 2 PoE ports 10/100/1000 Mb/s (1+2 ports) (data and power supply)
- 2 ports 1000 Mb/s SFP
- 30 W for each PoE port, supports devices compliant with the IEEE802.3af/at (**PoE+**) standard
- Supports auto-learning and auto-aging of MAC addresses (8K size)
- **Possibility of redundant power supply**
- Mounting on a DIN rail (TH35)
- LED indication
- warranty – 5 year

### DESCRIPTION

ISFG42 is a 4-ports PoE switch designed to supply IP cameras operating in IEEE 802.3af/at standard. Automatic detection of any devices powered in the PoE/PoE+ standard is enabled at the 1 – 2 ports of the switch. UP LINK ports (marked 3 and 4) are used to connect further network devices using fiber optics (using SFP modules - GBIC). On front panel there is LEDs signaling of the device's status (description in table below). 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 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

<b>Ports</b>	2 ports 10/100/1000 Mb/s (PoE) 2 ports 1000 Mb/s (UP LINK) with connection speed auto-negotiation and MDI/MDIX Auto Cross
<b>PoE power supply</b>	IEEE 802.3af/at (1+2 ports), 52 V DC / 30 W at each port *
<b>Protocols, Standards</b>	IEEE802.3, 802.3u, 802.3x CSMA/CD, TCP/IP
<b>Bandwidth</b>	12 Gb/s
<b>Transmission method</b>	Store-and-Forward
<b>Optical indication of operation</b>	Switch power supply; Link/Act; PoE Status
<b>Power supply</b>	Switch: 12-57 V DC; 1,2 A max. PoE: 48-57 V DC; 1,2 A max.
<b>Self-power consumption</b>	5 W max.
<b>Operating conditions</b>	Temperature -30°C ÷ +70°C, relative humidity 5% - 90%, no condensation
<b>Dimensions</b>	W=30, H=128, H <sub>1</sub> =10, D=112, D <sub>1</sub> =8 [+/- 2 mm]
<b>Net/gross weight</b>	0,3 / 0,4 [kg]
<b>Protection class EN 62368-1</b>	1 (first)
<b>Storage temperatur</b>	-30°C ÷ +70°C
<b>Declarations, warranty</b>	CE, 5 year

\* The given value of 30 W per port is the maximum value. The total power consumption should not exceed 60 W.



## Connection schemes:

