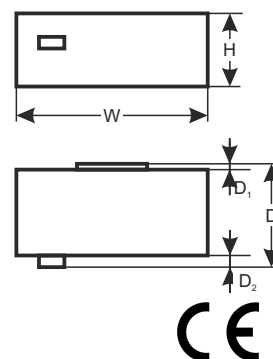


EN**

CODE: **DSF108** v.1.0/IITYPE: **DIN rail mounted switch 10-ports DSF108 without power supply for 8 IP cameras**

Features:

- Switch 10 ports
- 8 PoE 10/100Mb/s ports, (1÷8 ports) (data and power supply)
- 2 ports 10/100/1000Mb/s (G1/TP, G2/TP ports) (UpLink)
- 2 ports 10/100/1000 Mb/s SFP (G1/SFP, G2/SFP ports)
- 30W for each PoE port, supports devices complaint with the IEEE802.3af/at (**PoE+**) standard
- Supports auto-learning and auto-aging of MAC addresses (1K size)
- LED indication
- Metal enclosure - color black RAL 9005 with optional possibility of DIN rail mounting (TH35)
- Warranty – 2 year from the production date

DESCRIPTION

The DSF108 10-ports PoE switch for up to 8 IP cameras (48÷54VDC power supply) in a metal enclosure with optional possibility of DIN rail mounting (TH35).

Caution! The set does not include a power supply (the EDR-120-48 or similar device is recommended), (DIN rail mounting).

Automatic detection of any devices powered in the PoE/PoE+ standard is enabled at the 1 – 8 ports of the switch. The G1/TP, G2/TP ports is used for connection of another network device via RJ45 connector. The switch is fitted with SFP slots (marked as G1/SFP and G2/SFP); the use of fiber optic module (GBIC) allows fiber optic transmission. The LEDs at the front panel indicate the operation status.

The switch is housed in a metal enclosure (color RAL 9005) with optional possibility of DIN rail mounting (TH-35). The switch can be mounted in horizontal or vertical position. The operating position can be adjusted by changing the mounting position.

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.

PARAMETERS OF THE SWITCH

Ports	8 x PoE (10/100Mb/s) (RJ-45) 2 x UPLINK (10/100/1000Mb/s) (RJ-45) 2 x UPLINK (10/100/1000Mb/s) (SFP) with connection speed auto-negotiation and MDI/MDIX Auto Cross)
PoE power supply	IEEE 802.3af/at (porty 1÷8), 48÷54V DC / 30W na każdy port * Used pairs 4/5 (+), 7/8 (-)
Protocols, Standards	IEEE802.3, 802.3u, 802.3x CSMA/CD, TCP/IP
Forwarding rate	10BASE-T: 14880pps/port 100BASE-TX: 148800pps/port
Bandwidth	1,6Gbps
Transmission method	Store-and-Forward
Optical indication of operation	Switch power supply; Link/Act; PoE Status

* The given value of 30W per port is the maximum value. The total power consumption should not exceed 96W when all PoE ports are being used.

ELECTRICAL PARAMETERS

Mains supply	48÷54V AC
Current up to	2,2A@48VAC max.
Supply power	96W
Output current at the PoE ports (RJ45)	8 x 0,6A $\Sigma I=2A$ (max.)
Output voltage at the PoE ports (RJ45)	Compatible with the supply voltage $V_{in}=48VDC \div 54VDC$
Short-circuit protection SCP and overload protection OLP	105% ÷ 150% of the output power, automatic return after once a short circuit is removed

MECHANICAL PARAMETERS

Dimensions	W=277, H=65, D=202, D1=9, D2=15 [+/- 2mm]
Mounting	For DIN rail TH35
Gross/Net weight	2,3 / 2,4 kg
Enclosure	Steel plate, DC01 1,0mm color black RAL 9005
Connectors	Power supply of the cameras: RJ45 socket Power input: Φ 0,32-2,05 (AWG 28-12)