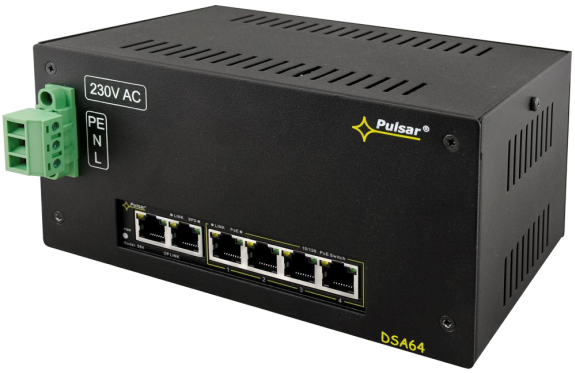
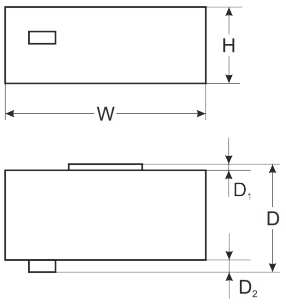
EN**

CODE: **DSA64** v.1.1/II

TYPE: **DSA64 DIN/6-ports switch with power supply unit for 4 IP cameras**





CE

Features:

- power supply of 4 IP cameras (52VDC)
- Switch 6 ports
  4 PoE ports10/100Mb/s (data transfer and power supply)
  2 ports 10/100Mb/s (UP LINK)
- 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)
- Metal enclosure - color black RAL 9005 with optional possibility of DIN rail mounting (TH35)
- Warranty – 2 year from the production date

DESCRIPTION

The DSA64 6-ports PoE switch for up to 4 IP cameras (52V DC power supply) in a metal enclosure with optional possibility of DIN rail mounting (TH35).

The main elements of this system include:
- 6 ports PoE switch
- power supply unit DC 52V

Automatic detection of any devices powered in the PoE/PoE+ standard is enabled at the 1 – 4 ports of the switch. The UP LINK ports is used for connection of another network device via RJ45 connector. 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	6 10/100Mb/s ports (4 x PoE + 2 x UP LINK) with connection speed auto-negotiation and MDI/MDIX Auto Cross
PoE power supply	IEEE 802.3af/at (1÷4 ports), 52V DC / 30W at each port *
Protocols, Standards	IEEE802.3, 802.3u, 802.3x CSMA/CD, TCP/IP
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 48W when all PoE ports are being used.

ELECTRICAL PARAMETERS

Mains supply	AC 176÷264V / 50Hz
Current up to	0,6A@230VAC max.
Supply power	48W
Output current at the PoE ports (RJ45)	4 x 0,6A ΣI=1A (max.)
Output voltage at the PoE ports (RJ45)	52VDC „+ ” (4, 5) „- ” (7, 8)
Short-circuit protection SCP and overload protection OLP	180% ÷ 200% PSU power, manual restart (the fault requires disconnection of the DC output circuit)

MECHANICAL PARAMETERS

Dimensions	W=190, H=90, D=155, D_1=9, D_2=24 [+/- 2mm]
Fixing	For DIN rail TH35
Gross/Net weight	1,60 / 1,65 kg
Enclosure	Steel plate, DC01 1,0mm color black RAL 9005
Connectors	Power supply of the cameras: RJ45 socket Power input 230V AC: Φ 0,51-2,59 (AWG 24-10)
Notes	The enclosure does not touch the assembly surface so that cables can be led.