



## Ethernet switch

# KO-2s8-01

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**7 electric Ethernet ports**  
**10/100/1000Base-T/TX**

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**1 optical Ethernet port**  
**100Base-FX**

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**Unmanned**

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**Rugged compact case**

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The KO-2s8-01 Ethernet switch should be used in sets of mobile and stationary equipment, enabling creation and expansion of local Ethernet-based networks. The device supports devices equipped with Ethernet sockets conforming to the IEEE802.3 standard.

The switch provided:

- creation of a local network on the basis of a 8-port Ethernet switch;
- connection of 7 10/100/1000Base-T/TX devices (electric contact);
- connection of 1 100Base-FX device (optical contact).

KO-2s8-01 is designed in groups N.7, N.9 and N.11-O-II(A and B) acc. NO-06-A101 and NO-06-A103 MIL-STD-810G compliant) (multi-use and continuous use devices) in temperature range of minus 30°C to plus 60°C and deviation within temperature (storage) limits from minus 40°C to plus 65°C. KO-2s8-01 is designed for operation whilst in motion and for use in three positions.

KO-2s8-01 may not be installed directly on a vehicle chassis or a container wall. Installation is possible using special absorbing elements provided by the manufacturer.



## TECHNICAL PARAMETERS

### BASIC FUNCTIONALITIES

- Creation of a local network on the basis of a 8-port Ethernet switch
- Automatic MDI/MDIX detection on electric ports
- Electric and optical interfaces accordance with Ethernet standard
- Connections realized by optic two-fibre, multi-modal optic fibre 62.5/125  $\mu\text{m}$  or 50/125  $\mu\text{m}$

### INTERFACES

<b>Electric Ethernet interface</b>	<b>7x10/100/1000Base-T/TX</b>
	RJFTV22G Amphenol connector
Speed rate	10/100/1000 Mbps
<b>Optical Ethernet interface</b>	<b>1x100Base-FX</b>
	MFM-002RZN (MFM-49-07-011-5-0.5-LC) Amphenol connector
Wavelength	1310 nm $\pm$ 30 nm
Transmitter power	-18 dBm $\pm$ 4 dBm
Receiver sensibility	-28 dBm
Speed rate	100 Mbps

### POWER SUPPLY

Power supply	+27 VDC (from 19 V to 35 V)
Power consumption	<20 W

### OTHER TECHNICAL PARAMETERS

Dimensions (HxWxD)	82,5x310x110 mm
Weight	<3 kg
Mechanical and climatic classification	groups N.7, N.9 and N.11-O-II(A and B), acc. to NO-06-A101 $\pm$ 108 (MIL-STD-810G compliant) (multi-use and continuous use equipment)
Electromagnetic compatibility	NO-06-A200 (MIL-STD-461F compliant) (KRE-02, KCE-02, KCS-01, KCS-06, KCS-07, KCS-08, KRS-02)
Operating temperature	From -30°C to +60°C
Storage temperature	From -40°C to +65°C
Humidity resistance	95-98% at +40°C



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