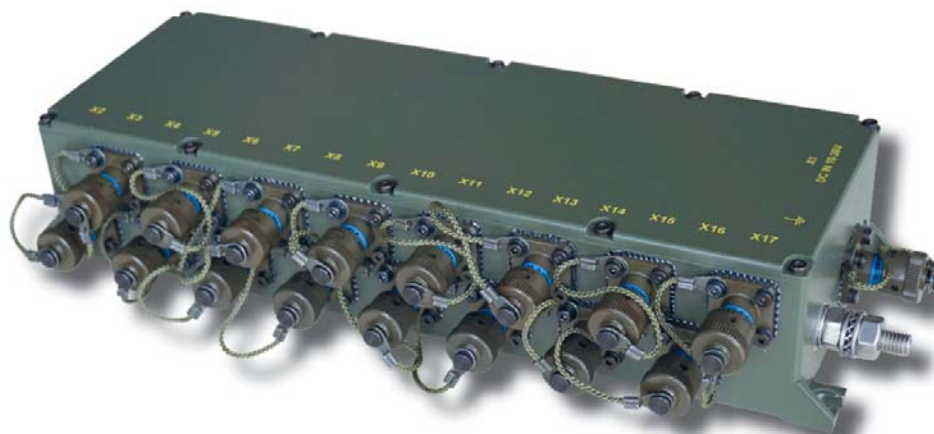# MIL Ethernet Switch

16-Port

full rugged | Network Switch

WATER SAND

FROST HEAT

SHOCK DROP

Technical Specification

Features
- 16 ports 10 / 100 Base T, each equipped with input and output
- All port in- and outputs are galvanically separated
- supports standard-compliant protocols according to IEEE 802.3

Interfaces
- Ports: sockets 16 x SJT00RT-08-35SN014-
- Power supply connector SJT00RT-08-98PN014
- grounding screw M 8 x 30

Power supply
- 10 V_{DC} to 36 V_{DC} according to VG 96916 T5 or MIL-STD-1275
- Internal EMI filter for spike suppression
- Operation indication by green LED

Current consumption
- when connecting 16 ports with 10 V 0.60 A, with 28 V 0.25 A, with 36 V 0.20 A

Housing
- Material: AlMg3, milled
- Dimensions: (L x W x H) 290 mm x 100 mm x 60 mm (without protruding parts)
- treated and painted (RAL 9013 pearl white or RAL 6031 military green)
- Screen printing black RAL 9005 for pearl white or lemon yellow RAL 1012 for military green

Weight
- ca. < 1,5 kg

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Designed to meet:

MIL-STD 810F	operating	storage
Temperature Method 501.4 & 502.4, (Procedure I, II)	-40°C to +63°C	-45°C to +71°C
Humidity Method 507.4	5 % - 95 %	5 % - 95 %
Vibration Method 514.5	10 – 57Hz ±0,28mm, 57 –500Hz 3.5g all 3 Axis	10 – 57Hz ±0,28mm, 57 –500Hz 3.5g all 3 Axis
Shock Method 516.5	15 g, 11 ms	25 g, 6 ms

WATER JET RESISTANT

SHOCK RESISTANT

DROP RESISTANT

FROST RESISTANT

HEAT RESISTANT

as 5-port version available!

as 8-port version available!

as 14-port version available!

more technical Specification

Protection class:
- IP65 accroding EN 60529 (with connected / covered plugs)

Resist:
- Ice and Snow (with connected / covered plugs)
- Sand and Dust according VG95332, Bl. 20 (with connected / covered plugs)
- Salt Fog (with connected / covered plugs)

Security:
- EN 60950-1   incombustible materials used by UL 94V-0

MTBF:
- 100.000 h

EMI:
- VG 95373 and MIL-STD 461E

Options

- Status indicator LEDs for ports, located on the port plugs
- protective caps on connectors according to agreement

Description	TKZ
roda Ethernet Switch MIL S16	tdb

v1.0