

5-Port MIL Ethernet

full rugged

Switch S5

MIL Switch



Technical Specification

Features	5 Ports 10/100-BasE T Equipped with input and output All port inputs and outputs are galvanic separated from each other Supports standard protocols IEEE 802.3
Interfaces	LAN ports: 5x sockets SJT00RT-08-35S014 DC-In: SJT00RT-08-98PN014 Grounding Bolt: M 8x30
Power Supply	9 V _{DC} to 36 V _{DC} according VG 96916 T5 or MIL-STD-1275 Internal EMC filter for spike suppression Operating indicator via green LED
Power Consumption	for connecting of 5 ports with 9 V (0,3 A), with 28 V (0,1 A) and with 36 V (0,07 A)
Housing	Material: A1Mg3, milled sealed, watertight design to IP65 Chromated and varnished (pearly white or green) Screen printing: <ul style="list-style-type: none">• black RAL9005 for RAL 9013 housing painted• Lemon yellow RAL1012 for RAL 6031HR painted housing Connector cover: X6
Weight	< 0.8 kg
Dimensions	194 mm x 100 mm x 40 mm
Options	Status indication of the ports via LEDs, placed over the port plugs Data traffic available - green flashing (red selectable) Full duplex (LED on), half-duplex (LED off) Data transfer rate 100 MB (LED on), 10 MB (LED off)

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Designed to meet:

MIL-STD 810F	operating	storage
Temperature Method 501.4 & 502.4, (Procedure I, II)	-40°C to +55°C	-40°C to +71°C
Humidity Method 507.4	5 - 95 % Rel.	5 - 95 % Rel.
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	55 g / 6 ms



WATER JET
RESISTANT



SHOCK
RESISTANT



DROP
RESISTANT



FROST
RESISTANT



HEAT
RESISTANT

Designed to meet:

Resistant against

- Ice and snow (with connected / covered plugs)
- Sand and dust in accordance with VG95332, page 20 (with connected / covered plugs)
- Salt fog (with connected / covered plugs)

EMC

VG 95373 und MIL-STD 461E

Safety

EN 60950

All materials used are incombustible according to UL 94V-0

Protection class

IP65 (dust/water)

Pin assignment MIL ethernet connectors:

Pin	Name	Description	Signal direction
1	TX+	Transmit Data+	Data sent to Hub
2	TX-	Transmit Data-	Data sent to Hub
3	RX+	Receive Data+	Data sent to Hub
4	n/c	Not connected	-
5	n/c	Not connected	-
6	RX-	Receive Data-	Data sent to Hub

Pin assignment DC connector:

Pin	Name
A	VCC
B	GND
C	n/c

Description	P/N
roda Ethernet Switch MIL S8	146301



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