

Product information GECKO 5TX

Industrial Ethernet: Lite Managed Switches: GECKO 5TX

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Name	GECKO 5TX
	
	Lite Managed Industrial ETHERNET Rail-Switch, Ethernet/Fast-Ethernet Switch, Store and Forward Switching Mode, fanless design.
Delivery informations	
Availability	available
Product description	
Description	Lite Managed Industrial ETHERNET Rail-Switch, Ethernet/Fast-Ethernet Switch, Store and Forward Switching Mode, fanless design.
Port type and quantity	5 x 10/100BASE-TX, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity.
Type	GECKO 5TX
Order No.	942 104-002
More interfaces	
Power supply/signaling contact	1 plug-in terminal block, 3-pin
Network size - length of cable	
Twisted pair (TP)	0 m ... 100 m
Network size - cascading	
Line - / star topology	any
Power requirements	
Operating voltage	DC 9.6 V - 32 V
Current consumption at 24 V DC	71 mA
Power consumption	1.8 W
Software	
Management	Web-interface, HTTP(s) config file/firmware transfer, SNMP v1/v2/v3
Diagnostics	Device status indication (LEDs), Log-File, RMON (1) statistics, Simple interface statistics, Topology Discovery according to IEEE 802.1AB (LLDP)
Configuration	BOOTP/DHCP, DHCP Option 82, HiDiscovery
Security	SNMPv3 (authNoPriv), Possibility to disable each port
Redundancy functions	RSTP (IEEE 802.1D-2004)
Filter	TOS/DSCP prioritization (Mapping TOS/DSCP to 802.1D/p), Prioritization through 4 queues, Static unicast/multicast filter entries (up to 100)
Secure Remote Access	SiteManager GECKO
Ambient conditions	
Operating temperature	0 °C ... 60 °C
Storage/transport temperature	-40 °C ... 85 °C
Relative humidity (non-condensing)	5 % ... 95 %
MTBF	474.305 h (MIL-HDBK217F)
Mechanical construction	
Dimensions (W x H x D)	25 mm x 114 mm x 79 mm
Mounting	DIN Rail
Weight	110 g
Protection class	IP30
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	3.5 mm, 5–8.4 Hz, 10 cycles, 1 octave/min; 1 g, 8.4–150 Hz, 10 cycles, 1 octave/min
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	4 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field	10 V/m (80-3000 MHz)
EN 61000-4-4 fast transients (burst)	2 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line
EN 61000-4-6 conducted immunity	10 V (150 kHz-80 MHz)

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EMC emitted immunity

FCC CFR47 Part 15 FCC 47 CFR Part 15 Class A

EN 55022 EN 55022 Class A

Approvals

Safety of industrial control equipment UL61010-1/-2-201

Scope of delivery and accessories

Scope of delivery Device, terminal block, operating manual

Accessories to order separately Rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC (CC)

For more information please contact:

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