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## Product information
## GECKO 4TX

| Industrial Ethernet:Lite Managed Switches:GECKO 4TX | |
|---|---|
| https://www.e-catalog.beldensolutions.com:443/link/57078-24455-402707-402708/en/conf/uistate | |
| **Name** | **GECKO 4TX** |
| | 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 | 4 x 10/100BASE-TX, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity |
| Type | GECKO 4TX |
| Order No. | 942 104-001 |
| **More Interfaces** | |
| Power supply/signaling contact | 1 plug-in terminal block, 3-pin, no signaling contact |
| **Network size - length of cable** | |
| Twisted pair (TP) | 0 m ... 100 m |
| **Network size - cascadibility** | |
| Line - / star topology | any |
| **Power requirements** | |
| Operating voltage | DC 9.6 V - 32 V |
| Current consumption at 24 V DC | 120 mA |
| Power consumption | 2,9 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) |
| **Ambient conditions** | |
| Operating temperature | 0 ºC ... 60 ºC |
| Storage/transport temperature | -40 ºC ... 85 ºC |
| Relative humidity (non-condensing) | 5 % ... 95 % |
| MTBF | 497,250 h (MIL-HDBK217F) |
| **Mechanical construction** | |
| Dimensions (W x H x D) | 25 mm x 114 mm x 79 mm |
| Mounting | DIN Rail |
| Weight | 100 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), 2 kV data line IEEE1613: power line 5 kV (line/earth) |
| EN 61000-4-6 conducted immunity | 10 V (150 kHz-80 MHz) |

| 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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