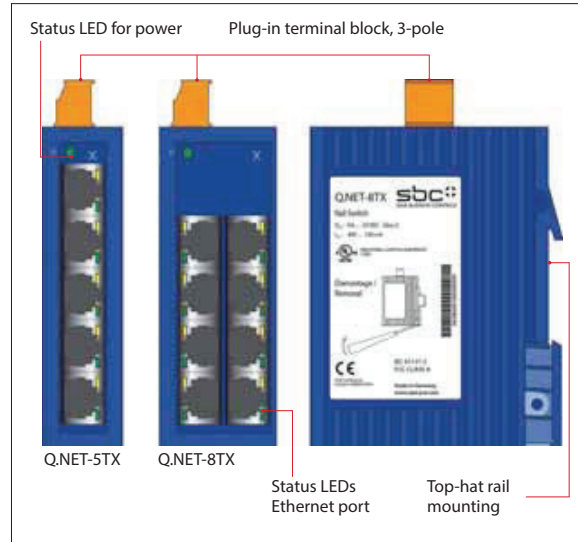


## 5.2 SBC industrial Ethernet switch Q.NET-xTX

This compact, unmanaged switch operates according to the plug-and-work principle. The mounted switch is equal in height to Saia PCD3 systems, which saves space when it is snapped onto the top-hat rail. The PCD controller is connected with the patch cable provided. With its robust construction, this switch is suitable for use in rugged industrial environments and in infrastructure automation.

### System properties

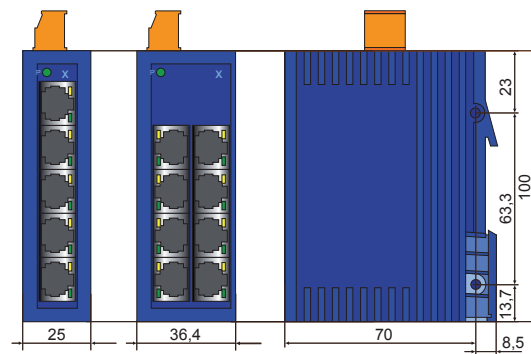
- ▶ Top-hat rail mounting and 24 VDC supply for trouble-free use in infrastructure automation and in rugged industrial environments
- ▶ Fast network diagnosis, due to integral LEDs at TCP ports
- ▶ Entry level industrial Ethernet rail switch, with store-and-forward switching mode
- ▶ Allows construction of Ethernet networks according to IEEE 802.3 with copper technology
- ▶ The device has five or eight 10/100 Mbit/s twisted pair ports (RJ45 connections)
- ▶ Up to five or eight end devices or additional TCP segments can be connected to the TCP ports via twisted pair
- ▶ Extremely light, compact construction with IP 30 protection level
- ▶ Simple commissioning with 'plug-and-work' via auto-negotiation, auto-polarity and auto-crossing



### Technical data Q.NET-5TX and Q.NET-8TX

<b>Operation</b>	
Port type and number	Ethernet 10/100 MBit/s, 5× RJ45 (Q.NET-5TX) or 8× RJ45 (Q.NET-8TX)
Network line lengths	Twisted pair (TP), 0...100 m
Network cascade depth	Linear/star structure – any depth
Operating voltage	9.6 VDC ... 32.0 VDC
Current draw at 24 VDC	max. 100 mA
Displays/diagnostics	1× green LED; power 5× / 8× yellow LED; data rate 5× / 8× green LED; data, link status
<b>Environmental conditions</b>	
Operating temperature	0 °C to +60 °C
Storage temperature	–40 °C to +70 °C
Humidity	max. 95 %, non-condensing
<b>Standards/approvals</b>	
EMC protection:	EN61000-4
EMC protection:	EN55022 Class A, FCC CFR47 Part 15 Class A
Security for Industrial Control Equipment	cUL508, CSA22.2 No. 142, E175531
Mechanical stability	IEC60068-2 (shock, vibration)
Protection type	
<b>Ordering information</b>	
Q.NET-5TX	5-port rail switch, terminal block, patch cable and operating instructions
Q.NET-8TX	8-port rail switch, terminal block, patch cable and operating instructions

### Dimensions



### Connection options

