



CU2016 | 16-port Ethernet Switch

The Beckhoff Ethernet Switches offer 16 RJ45 Ethernet ports. Switches relay incoming Ethernet frames to the destination ports. In full duplex mode, they prevent collisions. They can be used universally in automation and office networks. User-friendly installation via integrated DIN rail adapter.

The switches meet the special requirements of real-time-capable Industrial Ethernet solutions through several outstanding features:

- compact design in stainless steel housing
- 10/100 Mbaud, half or full duplex, with automatic baud rate detection
- cross-over detection: automatic detection and correction of crossover and straight-through Ethernet cables
- clear, quick diagnosis, two LEDs for each Ethernet port
- fast DIN rail mounting
- industrial design

| Technical data | CU2016 |
|----------------------------------|--|
| Bus system | all Ethernet (IEEE 802.3)-based protocols, store and forward switching mode, unmanaged |
| Number of Ethernet ports | 16 |
| Ethernet interface | 10BASE-T/100BASE-TX Ethernet with 16 x RJ45 |
| Cable length | up to 100 m twisted pair |
| Data transfer rates | 10/100 Mbit/s, IEEE 802.3u auto-negotiation, half or full duplex at 10 and 100 Mbit/s possible, automatic settings |
| Hardware diagnosis | 2 LEDs per channel (activity, link, 10/100 Mbit) |
| Power supply | 24 (18...30) V DC, 150 mA, 3-pin connection (+, -, PE) |
| Weight | 400 g |
| Dimensions (W x H x D) | approx. 146 mm x 100 mm x 30 mm |
| Operating/storage temperature | 0...+55 °C/-25...+85 °C |
| Protect. class/installation pos. | IP 20/variable |

| Accessories | |
|-----------------|-------------------------|
| Cordsets | cordsets and connectors |

| System | |
|------------------------|---|
| Ethernet TCP/IP | For further Ethernet TCP/IP products please see the system overview . |

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