



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 .