

# CX2500-0061 | Power over Ethernet module for CX20xx, CX52x0, CX53x0, CX56x0



**i Product status:** regular delivery

The system modules are connected to the CPU on the left-hand side via a multi-pin connector. Internally they are connected via PCI Express®. For the CX20xx family, up to four modules can be connected in any order. One module can be connected to CX52x0, CX53x0 or CX56x0.

The CX2500-0061 Power over Ethernet module supports devices with PoE class 0, 1, 2, 3 and 4 in accordance with the PoE standard IEEE 802.3af-2003. The maximum PoE power output is 15.4 W. The PoE supply voltage is generated internally, no external power supply is necessary. In the case of an overload of the CX2500-0061, the PoE supply shuts down for two seconds, then restarts. The diagnostic LEDs PWR, PoE, PM1 and PM2 provide information about the type of PoE supply (mode A or B) as well as about the PoE class reported by the powered device.

## Product information

### Technical data

| Technical data         | CX2500-0061   |
|------------------------|---|
| Interfaces             | 1 x Ethernet  |
| Data transfer rates    | 10/100/1000 Mbit/s with Power over Ethernet (PoE)         |
| Connection type        | 1 x RJ45  |
| Power supply           | via system bus (through CX2100-0xxx power supply modules) |
| Dimensions (W x H x D) | 24 mm x 99 mm x 54.5 mm                                   |
| Weight                 | approx. 208 g   |

|                            |  |
|----------------------------|--|
| Operating temperature      | -25...+60°C                            |
| Storage temperature        | -40...+85°C                            |
| Relative humidity          | 95%, no condensation                   |
| Vibration/shock resistance | conforms to EN 60068-2-6/EN 60068-2-27 |
| EMC immunity/emission      | conforms to EN 61000-6-2/EN 61000-6-4  |
| Protection rating          | IP20                                   |

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