

Features

- Single module with standard shielded RJ45 plug and jack
- The RJ45 inserts are protected by a reliable plastic insulator
- Patch cables are assembled/removed without tools
- Auto-crossing
- Auto-negotiation
- Auto-polarity
- Store and Forward
- Fast Ethernet
- Full Gigabit Ethernet
- Non blocking
- Support of Jumbo-Frames (10 kBytes)
- Energy Efficient Ethernet acc. to IEEE 802.3az

Technical characteristics

Total number of ports	4
Insulation resistance	>10 ¹⁰ Ω
Limiting temperature	-40 ... +125 °C
Operating temperature	-40 ... +70 °C
Storage temperature	-40 ... +85 °C
Relative humidity	30 ... 95 % Non-condensing
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP30, mated condition
Nominal voltage	24 V DC
Transmission characteristics	Cat. 5, Class D up to 100 MHz
Data rate	10 Mbit/s, 100 Mbit/s, 1 Gbit/s
Diagnostic display	Connection (Link), Data transfer (Act), Data transfer rate, Power connection
Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material flammability class acc. to UL 94	V-0
RoHS	compliant, compliant with exemption

Specifications and approvals

EN 60664-1
 IEC 61984
 DNV GL
 EN 55022 Radio disturbance characteristics
 EN 61000-4-2 Electrostatic discharge (ESD)
 EN 61000-4-3 Electromagnetic field
 EN 61000-4-4 Rapid transients (burst)
 EN 61000-4-5 Surge voltages
 EN 61000-4-6 conducted disturbances
 EN 61000-6-4 emission standard
 IEC 60068-2-6 Vibration (sinusoidal)
 IEC 60068-2-27 Shock
 IEEE 802.3