TC EXTENDER 6004 ETH-2S

DSL A: 5696 kBit/s
Quality:
DSL B: 5696 kBit/s
Quality: 1:9

Intelligent
Ethernet extender system

Easy networking of large IP networks

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INSPIRING INNOVATIONS

The Ethernet extender system for easy and cost-effective IP networking

Use the new Ethernet extenders to connect large Ethernet networks up to 20 kilometers. Exceptionally easy startup using Plug and Play and the innovative combination of unmanaged and managed extenders enables cost-effective networking and IP diagnostics of all devices and paths.

Existing two-wire cables can be used for networking. The system can be extended during operation without causing any adverse impact.

Intelligent surge protection from Phoenix Contact: PLUGTRAB PT-IQ
- Multi-stage monitoring for high system availability
- Fast diagnostics via display or LED
- Remote diagnostics via IP and automatic event messages via SNMP
- Replacement indicated when performance limit reached or in the event of overload

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Your advantages

- Ethernet communication up to 20 kilometers via any two-wire cables
- Fast startup via Plug and Play
- Use of unmanaged extenders in complex IP networks
- Continuous diagnostics of all devices and paths via IP regardless of the location
- High fault tolerance, thanks to preemptive maintenance with replaceable PLUGTRAB PT-IQ surge protection
- Easy retrofitting via any two-wire cable

Areas of application

The Ethernet extender system is often used in municipal infrastructure applications such as water/wastewater, energy generation, transportation technology, and building technology.

In the case of a new installation, any copper cables can be used, thereby providing an inexpensive alternative to fiberglass and mobile communication. In retrofitting applications, in-house cables can be used, which significantly reduces the amount of installation effort involved.

For additional information on the product: simply enter the web code in the search field on our website.

i **Web code: #0630**

Description	Managed Ethernet extender		Unmanaged Ethernet extender
Remote diagnostics	Remote diagnostics via IP regardless of the location: web-based or SNMP		Localized remote diagnostics via USB
Topologies	Ring, line, point-to-point	Point-to-point	Ring, line, point-to-point
Replaceable surge protection	Yes		-
Local diagnostics	Display	LEDs	LEDs
Ports	2 x SHDSL, 4 x Ethernet	1 x SHDSL, 1 x Ethernet	2 x SHDSL, 1 x Ethernet
Product designation	TC EXTENDER 6004 ETH-2S	TC EXTENDER 4001 ETH-1S	TC EXTENDER 2001 ETH-2S
Order No.	2702255	2702253	2702409

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Product range

- Cables and wires
- Charging technology for E-Mobility
- Connectors
- Controllers
- Electronics housings
- Electronic switchgear and motor control
- Fieldbus components and systems
- Functional safety
- HMIs and industrial PCs

- I/O systems
- Industrial-Cloud-Computing
- Industrial communication technology
- Installation and mounting material
- Lighting and signaling
- Marking and labeling
- Measurement and control technology
- Monitoring
- PCB terminal blocks and PCB connectors

- Power supply units and UPS
- Protective devices
- Relay modules
- Sensor/actuator cabling
- Software
- Surge protection and interference filters
- System cabling for controllers
- Terminal blocks
- Tools

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