Ethernet switch, 6 ports - ETHSW600 / 4FS / 4FM



- Supports IEEE 802.3/ 802.3u/ 802.3x
- Industrial Ethernet switch unmanaged
- 10/100M, full/half duplex, MDI/MDI-X auto detection
- Simple mounting on the DIN rail
- 10/100 Base TX via RJ45 plug
- Transmission distance of 2 km in fiber optic multi mode
- Long-distance transmission of 20 km in fiber optic single mode

https://www.wachendorff-prozesstechnik.de/en/ETHSW6

Description

The ETHSW6 Ethernet switches have been developed for use in harsh industrial environments and comply with CE, UL, TÜV and FCC requirements. The ETHSW6 series includes 5/6-port Ethernet switches that provide two solutions,
one with 6 RJ45 ports and the other with 4 RJ45 ports and an optical ST/SC port for your industrial applications.
The ETHSW6 series protects itself from receiving too many broadcast packets.
During normal operation, broadcast packets are sent to all ports except the source port.
The ETHSW6 series will suppress all broadcast or multicast packets if the number of packets exceeds a limit in a preset time.
When the preset time period (approx. 800 ms) has elapsed, the received broadcast or multicast packets will continue until the alarm value is reached again. The ETHSW6 series provides two redundant power supplies that can be connected simultaneously to DC voltage sources. Should one supply fail, the other works as a backup to automatically maintain the supply.

Product details

Power supply:	Dual 19 VDC to 30 VDC, dual redundant input, Current consumption at 24 VDC: 350 mA; Connection via removable 3-pin terminal strip; Internal reverse polarity protection
Display:	3 LEDs for power supply, Ethernet 10/100M, data transmission and alarm.
Interfaces:	Ethernet: 6-way RJ45 ports for 10/100BaseT(X) with automatic speed negotiation, full/half-duplex mode and automatic MDI/MDI-X connection.
Glass fiber:	Multi mode ST connector for 100 Base FX port Distance: up to 2 Km Wavelength: 1270 to 1350 nm Sensitivity: -33 dBm (typical)Single mode SC connector for 100 Base FX port Distance: up to 20 Km Wavelength: 1260 to 1300 nm Sensitivity: -34 dBm (typical)
Housing:	Sturdy plastic housing with protection class IP40.
Dimensions:	W 45 mm x H 91 mm x D 80 mm
Ambient temperature:	Operation: 0 °C to +60 °C. Storage: -40 °C to +85 °C.
Weight:	approx. 160 gram
Scope of delivery:	Device, Terminal block connector, instructions
Manufacturer:	Wachendorff Prozesstechnik GmbH & Co KG, Germany

Products Order no.

ETHSW600	6-way Ethernet switch, unmanaged
ETHSW4FS	4-port Ethernet switch, fiberglass, single mode
ETHSW4FM	4-port Ethernet switch, fiberglass, multi mode

Accessories Order no.

DRS4-24A	Power supply unit for DIN rail, 85 to 264 VAC, 24 VDC 4.2 A, screw terminal
CPNLRJ45	RJ45 to RJ45 panel connector / panel front IP 68
CPNLUSBA	Panel mounting sockets USB type A on the front of the control panel (IP 68 cover) USB type B on the rear
CPNLUSBB	Panel mounting sockets USB type B on the front of the control panel (IP 68 cover) USB type A on the rear
KABETH10	Patch cable, RJ45 UTP CCA, CAT5e white, 0.3 m
KABETH11	Patch cable, RJ45 UTP CCA, CAT5e white, 1 m
KABETH12	Patch cable, RJ45 UTP CCA, CAT5e white, 2 m

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