

Ethernet switch, 8 ports - ETHSW800



- Supports IEEE 802.3/ 802.3u/ 802.3x
- Industrial Ethernet switch unmanaged
- 10/100M, full/half duplex, MDI/MDI-X auto detection
- 10/100 Base TX and 1000 Base TX via RJ45 connector
- Triple redundant power supply
- Simple mounting on the DIN rail

<https://www.wachendorff-prozesstechnik.de/en/ETHSW8>

Description

The Ethernet Switch ETHSW8 is an industrial-grade 2-layer switch with 8 Ethernet ports and was developed for use in very harsh and demanding industrial environments where large temperature differences, strong electrical interference and physical stress are not unknown.

For this reason, it is the ideal module for building management, water supply companies, power stations, telecommunications installations, transportation monitoring and critical industrial applications.

The ETHSW8 has three different power supplies to ensure reliable operation. Trouble-free operation is ensured even if one supply fails. If a supply fails, the integrated relay output ensures a timely alarm.

Thanks to its special electrical design, the ETHSW8 withstands high electrical interference such as 15 kV ESD and ensures safe operation even under unnatural operating conditions.

Product details

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| Interfaces: | Ethernet: 8-way RJ45 ports for 10/100BaseT(X) with automatic speed negotiation, full/half-duplex mode and automatic MDI/MDI-X connection. |
| Display: | 2 LEDs for Ethernet 10/100M, data transmission. |
| Housing: | Sturdy metal housing with protection class IP30. |
| Power supply: | Dual 12 to 48 VDC via 7-pin terminal strip, single 12 to 45 VDC via plug socket, triple redundant input, max. 7.5 watts; internal reverse polarity protection |
| Standards: | Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration:5 IEC 60068-2-6 EMS: EN 61000-4-2 (ESD) EN 61000-4-3 (RS) EN 61000-4-4 (EFT) EN 61000-4-5 (Surge), Level 3 EN 61000-4-6 (CS), Level 3 |
| Dimensions: | W 52 mm x H 144 mm x D 106 mm |
| Ambient temperature: | Operation: -40 °C to +75 °C. Storage: -40 °C to +85 °C. Humidity: 5 % to 95 %, non-condensing |

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| Scope of delivery: | Device, Terminal block connector, wall mounting, instructions |
| Manufacturer: | Wachendorff Prozesstechnik GmbH & Co KG, Germany |

Products Order no.

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| ETHSW800 | 8-way Ethernet switch, unmanaged |
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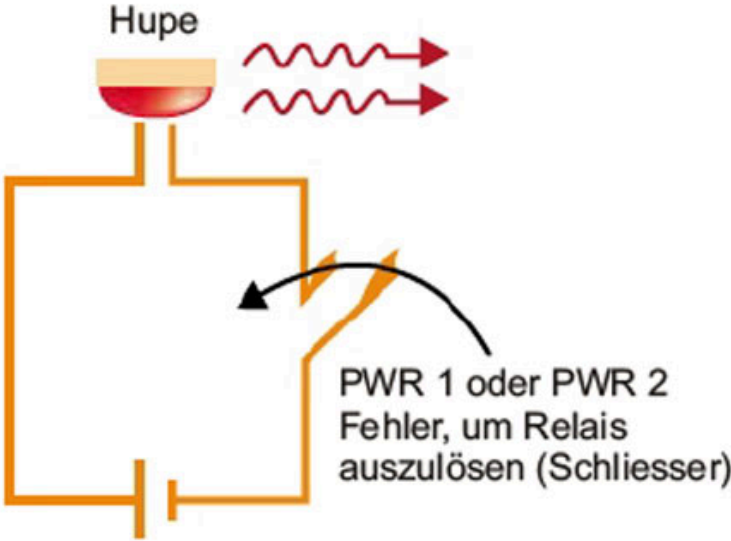
Accessories Order no.

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| 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 |
| 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 |

Drawings

Supply protection (relay output):

Versorgungsschutz (Relaisausgang)





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