



TFortis PSW-2G+Ex Managed Explosion- Proof Switch



TFortis PSW-2G+Ex – a Switch designed for networking IP-video surveillance in hazardous areas.

TFortis PSW-2G+Ex switch is enclosed in an explosion-proof casing with Explosion-proof label 1ExdIIBT5+H2/1Ex d IIB+H2 T5 Gb, which in terms of protection level corresponds to explosion-proof electrical equipment.

Dust and moisture protection casing IP66. Operating temperature range from -55°C to +55°C (-67°F to 131°F) allow to use explosion-proof switches both indoors and outdoors.

Built-in optical distribution frame excludes the use of additional external cabinets and makes it possible to cut the optical cable directly into the switch.

The built-in distribution unit distributes 230V power to heat the thermal housings and allows power to be supplied to the next switch.

Power supply of IP-cameras via PoE from the switch allows to get rid of additional power supplies and wires.

Automatic restart of IP cameras effectively deals with their hanging.

Built-in Lightning protection on ports and 220 V power supply protects equipment from high-voltage surges.



The type and location of cable glands are determined based on the customer's specification.

Technical specifications

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|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Explosion-proof label | - 1ExdIIBT5+H2/1Ex d IIB+H2 T5 Gb |
| Interfaces | - 4 ports 10/100Base-Tx RJ-45 PoE - 2 ports 1000Base-X SFP |
| PoE | - 802.3af, power per port: 60 W minimum - power budget PoE for IP-cameras: 160 W |
| Protocols | - STP (802.1d)/RSTP(802.1w); IGMP Snooping v2 - VLAN (802.1q): Flow Control (802.3x) - Quality of Service(QoS, 802.1p) |
| Management | - Web-interface; Telnet |
| Supply voltage | - 230 VAC |
| Maximum power consumption | - 200 W |
| Power distribution unit | - Screw-type terminal block, cable cross section 2.5 sq. mm |
| Optical cross | - Splice-cassette for 32 WJPK, Plate for SC adapters (Duplex LC) for 8 places |
| Casing | - IP66/IP67 |
| Operating temperature | - -55 to +55°C (-67°F to 131°F) |
| Maximum Weight | - 25 kg |
| Dimensions | - 433 × 333 × 225 mm |



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Explosion-proof
switch

