PROFINET Switch PROmesh P9

Function

The Indu-Sol PROFINET Switch PROmesh P9 is the first Full-PROFINET Switch that is equipped for the increased performance requirements in the PROFINET and conforms to Conformance Class B requirements. This functionality makes it possible to integrate the switch into the automation system (STEP7, TIA Portal) by an engineering tool in order to make a comprehensive network diagnostics feasible.

With its optimised shielding contacts in the RJ45 jacks and leakage current monitoring, the PROmesh series not only meets the requirements for PROFINET functionality but also fulfils highest demands for EMC resistance in the industrial environment. That is why it is also employed in areas with heavy electromagnetic loads.

In addition, many useful management functions such as IGMP snooping, VLAN, QoS, SNMP, bandwidth management and alerts via email or relay output can be used. The switch has 4 priority queues per port.

Technical data

- Input voltage: 24V DC ±20%, redundant power supply
- Max. Power consumption: 800 mA
- Max. power loss: 8 W
- Dimensions (H x W x D): 105 x 49 x 112 mm
- Weight: 490 g
- Casing: aluminium, anodised
- Storage temperature: -40°C to +85°C
- Operating temperature: 0°C to +55°C
- Protection class: IP20
- Mounting: TS35 DIN top-hat rail

Features

- Network port: 9 x 10/100Base-TX RJ45-Ports
- Technology: Store und Forward
- Monitoring of leakage current: Sampling rate 25KHz
- Display of netload with millisecond accuracy
- Supported protocols: MRP-Master, MRP-Client, DCP, I&M, DHCP, IGMP, LLDP, PDEV, QoS, RSTP, STP, SMTP, SNMP, SNTP, VLAN
- Port Mirror: only TX packets or TX and RX packets
- Alert: PN-RTA, SNMP, email, relay
- Bandwidth control

Ordering details

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Monitoring of leakage current

Display of netload with millisecond accuracy