PROFINET Switch PROmesh P20

Function

The Indu-Sol **PROFINET Switch PROmesh P20** 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 is can also be employed in areas with heavy electro-magnetic 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: 12V-48V DC redundant power supply
- Max. Power consumption: DC 12V / 1,85A
                              DC 24V / 0,92A
                              DC 48V / 0,46A
- Max. power loss: 22 W
- Dimensions (H x W x D):   138 x 130 x 68 mm
- Weight: 960 g
- Casing: aluminium, anodised
- Storage temperature: -40°C to +85°C
- Operating temperature: 0°C to +55°C
- Protection class: IP30
- Mounting: TS35 DIN top-hat rail
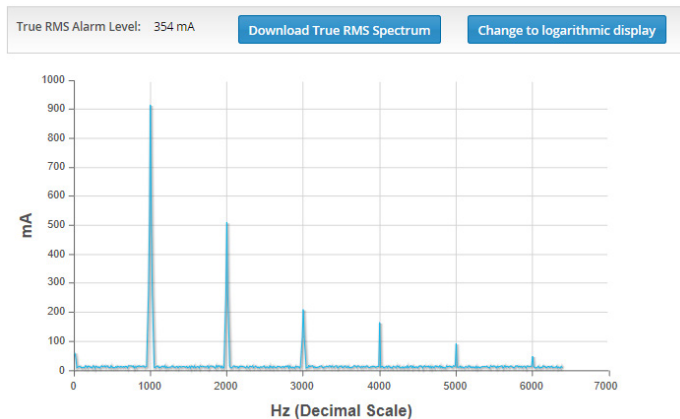
Features

- Network port: 16 x 10/100Base-TX RJ45-Ports and 4 x 1000Base-X SFP-Ports
- Technology: Store und Forward
- Monitoring of leakage current: Sampling rate 25KHz range 0 - 10A
- Display of netload: 10 milliseconds
- 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
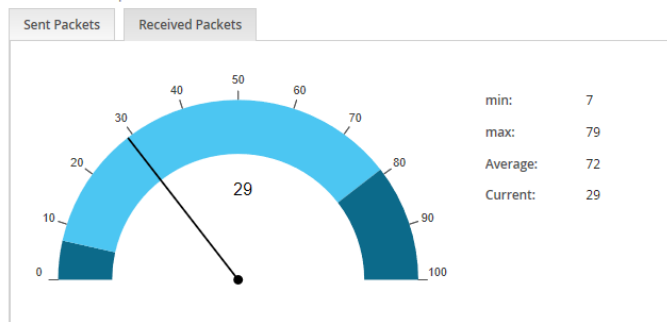- Bandwidth control

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Shielding Current

Monitoring of leakage current

Display of netload with millisecond accuracy

Ordering details

Ordering details	Art. No.
PROFINET Switch PROmesh P20	114110022

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