

Product Overview

Ruggedized Micro Switch 6-port GBE Switch with PoE/PoE+



Description

Applications that demand a high level of robustness and reliability, such as large scale WLAN coverage, building automation or IP video, do not always require cost-intensive industrial Ethernet components. With the Ruggedized Micro Switch, MICROSENS offers an extremely economical alternative.

The Micro Switch excels by virtue of its compact package and can especially be used where little space is available, such as in small enclosures or electric switchgear. With its 45 mm package, the Micro Switch fits precisely in standard cut-outs and a mounting bracket supplied allows it to be installed directly on DIN rails. Two mechanical designs are also available for selection - vertical and horizontal.

However, the size is not achieved at the cost of functionality or performance. With dimensions of 90x45x58 mm, a total of six Gigabit ports are available: five

10/100/1000Base-T ports with Power-over-Ethernet+ (PoE+) according to IEEE802.3at to connect terminal devices and a fiber optic uplink port. The extended switch version with two fiber optic uplinks can be used to realise a redundant fiber optic ring structure or a redundant end device connection for enhanced availability. The Micro Switch offers an extended temperature range from -25..+65°C and offers all safety and management features from the current MICROSENS industrial Ethernet device generation.

Properties

- Economical alternative to Industrial Ethernet
- Optionally with one or two SFP uplinks (100/1000Base-X)
- Fail-safe performance by establishing ring structures via fiber ports
- Extended temperature range for operation -25..+65° C
- Extremely compact package
- Adapted DIN rail mounting bracket for direct installation in wiring cabinets

Order Information

Description

Article Number

Horizontal Design

Gigabit Ethernet ruggedized Micro-Switch, 4x10/100/1000T with 2x SFP-Uplink 100/1000X (dual speed), horizontal design, DIN-Rail holder, 44..57 VDC power input, manageable (web/Telnet/SNMP/ opt. NMP software), VLANs, QoS, Security, 4x Power-over-Ethernet+ (PSE) **MS440207PMXH-48 G6+GT**

Gigabit Ethernet ruggedized Micro-Switch, 4x10/100/1000T with 1x1000Base-X SFP Uplink and 10/100/1000T downlink, horizontal design, DIN-Rail holder, 44..57VDC power plug, manageable (web/Telnet/SNMP/ opt. NMP software), VLANs, QoS, Security, 5x Power-over-Ethernet+ (PSE) **MS440209PMXH-48 G6+GT**

Gigabit Ethernet ruggedized Micro-Switch 45x45, 4x10/100/1000T with 2x 10/100/1000Base-T Up-&Downlink port, horizontal version, DIN-Rail holder, 44..57 VDC power plug, manageable (web/Telnet/SNMP/ opt. NMP software), VLANs, QoS, Security, 5x PoE PSE / 1x PoE PD **MS450186PMXH-48 G6+GT**

Vertical Design

Gigabit Ethernet ruggedized Micro-Switch, 4x10/100/1000T with 2x SFP-Uplink 100/1000X (dual speed), vertical design, DIN-Rail holder, 44..57 VDC power input, manageable (web/Telnet/SNMP/ opt. NMP software), VLANs, QoS, Security, 4x Power-over-Ethernet+ (PSE) **MS440217PMXH-48 G6+GT**

Gigabit Ethernet ruggedized Micro-Switch, 4x10/100/1000T with 1x SFP-Uplink 100/1000X (dual speed), 1x 10/100/1000T Downlink, vertical design, DIN-Rail holder, 44..57 VDC power input, manageable (web/Telnet/SNMP/ opt. NMP software), VLANs, QoS, Security, 4x Power-over-Ethernet+ (PSE) **MS440219PMXH-48 G6+GT**

Gigabit Ethernet ruggedized Micro-Switch 45x45, 4x10/100/1000T with 2x 10/100/1000Base-T Up-&Downlink port, vertical version, DIN-Rail holder, 44..57 VDC power plug, manageable (web/Telnet/SNMP/ opt. NMP software), VLANs, QoS, Security, 5x PoE PSE / 1x PoE PD **MS450187PMXH-48 G6+GT**

Accessories

Description	Article Number
SFP Gigabit Ethernet Transceiver 1000Base-SX, Multimode 850nm, digital Diagnostics, exten. temp.-range: -40..85°C	MS100200DX
SFP Gigabit Ethernet Transceiver 1000Base-LX, Single Mode 1310nm, digital Diagnostics, -40..85°C	MS100210DX
nmp Professional - MICROSENS Network Management Platform - java software and one year update license	MS200160-1
nmp Professional - additional one year update license	MS200161-n
nmp Standard - MICROSENS Network Management Platform - java software and one year update license	MS200162-1
NMP Standard - additional update licence for n-years	MS200163-n
NMP Server - management software with 1 year update licence, incl. 5 clients	MS200164-1
NMP Server - additional update licence for n-years	MS200165-n

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