

MACH1000 19" Über-Rugged™ Rack-Mount Switch Configurations

Fast Ethernet Uplink Ports: **MAR1020-** | **MAR1022-** | **MAR1120-** | **MAR1122**

Configurator



MAR1020-99 **MMMMMMVVZZTTTTTTTTTT99** **U** **G** **C** **H** **P** **E** **H** **XX.X**

Design/Models

- MAR1020** = Fast Ethernet uplink
- MAR1022** = Fast Ethernet uplink with 4 ports PoE
- MAR1120** = Fast Ethernet uplink with ports at the back (20 ports max. 100 meg)
- MAR1122** = Fast Ethernet uplink with ports at the back and 4 ports PoE (20 ports max.100 meg)

Gigabit Ethernet Ports

99 = none (not present)

Fast Ethernet Port Configurations (1 to 24 Ports)

- MM** = 2 x Multimode 100 Mbit/s SC
- VV** = 2 x Singlemode 100 Mbit/s SC
- ZZ** = 2 x SFP Slot 100 Mbit/s SFP
- TT** = 2 x Twisted Pair (TX) 10/100 Mbit/s RJ45
- 99** = none (not present)
- RR** = 2 x Twisted Pair (TX) 10/100 Mbit/s M12
- FF** = 2 x Multimode 10 Mbit/s ST
- JJ** = 2 x Multimode 100 Mbit/s MTRJ
- UU** = 2 x Singlemode 100 Mbit/s ST
- LL** = 2 x Singlemode LH 100 Mbit/s SC
- GG** = 2 x Singlemode LH+ 100 Mbit/s SC

Temperature Range Options

- S** = 0°C up to +60°C
- U** = -40°C up to +85°C
- F** = -40°C up to +85°C inclusive Conformal Coating

Power Supply 1 (options)

- C** = 24/36/48 VDC (spring clip)
- G** = 110/250 V DC, 110/230 V AC (spring clip)
- L** = 24/36/48 V DC (plug-in connector)
- M** = 110/250 V DC/110/230 V AC (plug-in connector)

Power Supply 2 (options)

- C** = 24/36/48 V DC (spring clip)
- G** = 110/250 V DC/110/230 V AC (spring clip)
- 9** = none (not present)

Approvals

H = cUL508, cUL1604 Class 1 Div2, German Lloyd, IEC 61850-3, IEEE 1613, EN 50121

Software Version (see page 46 for additional Management Software Functionality details)

P = Layer 2 Professional: extended diagnostics, redundancy and security features

Configuration

- H** = Standard
- E** = Ethernet/IP (pre-setting)
- P** = PROFINET (pre-setting)

OEM Type

- H** = Standard
- X** = Customer Specific

Software Release

XX.X = Current Software Release

NOTE: The last three part number categories (Configuration, OEM Type and Software Release) are optional.