



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

Gigabit Ethernet Uplink Ports: [MAR1030-](#) | [MAR1032-](#) | [MAR1130-](#) | [MAR1132](#)

Configurator



MAR1030-CC **MMMMMMVVZZTTTTTTTTTT99** **UCCCHPHHX.X**

Design/Models

- MAR1030** = Gigabit Ethernet uplink
- MAR1032** = Gigabit Ethernet uplink with 4 ports PoE
- MAR1130** = Gigabit Ethernet uplink with ports at the back (20 ports max.100 meg)
- MAR1132** = Gigabit Ethernet uplink with ports at the back and 4 ports PoE (20 ports max.100 meg)

Gigabit Ethernet Ports

- CC** = 2 ports combo (2 x 10/100/1000TX or 2 x GE SFP)
- 40** = 4 ports GE SFP
- 4T** = 4 ports 10/100/1000TX
- 0T** = 2 ports GE SFP and 2 ports 10/100/1000TX

Fast Ethernet Port Configurations (1 to 24 Ports)

- | | |
|--|---|
| MM = 2 x Multimode 100 Mbit/s SC | RR = 2 x Twisted Pair (TX) 10/100 Mbit/s M12 |
| VV = 2 x Singlemode 100 Mbit/s SC | FF = 2 x Multimode 10 Mbit/s ST |
| ZZ = 2 x SFP Slot 100 Mbit/s SFP | JJ = 2 x Multimode 100 Mbit/s MTRJ |
| TT = 2 x Twisted Pair (TX) 10/100 Mbit/s RJ45 | UU = 2 x Singlemode 100 Mbit/s ST |
| 99 = none (not present) | 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 V DC (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.