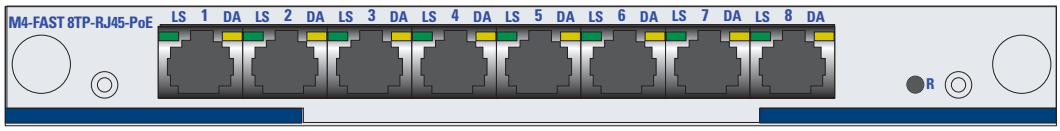
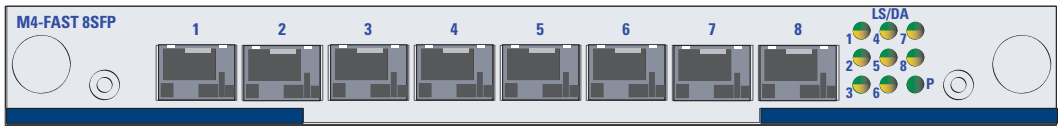
1.7.2 M4-FAST 8TP-RJ45-PoE

The M4-FAST 8TP-RJ45 PoE media module provides you with eight 10/100BASE-TX ports (RJ45 sockets) for connecting network segments. It supports Power over ETHERNET on data lines in compliance with IEEE 802.3af.
The maximum power available to you for all ports combined for PoE applications is listed in “Maximum number of ports and media modules and maximum PoE power” on page 16.
For each chassis you can use up to four M4-FAST 8TP-RJ45 PoE media modules. The number of ports supplying PoE terminal devices with power depends on the total power available. The power is supplied via the data lines. The individual ports are not electrically insulated from each other.



1.7.3 M4-FAST 8-SFP

The M4-FAST 8-SFP media module has eight 100BASE-FX ports (SFP slots for mounting SFP transceivers).



The following Fast Ethernet SFP transceivers are available to you for the M4-FAST 8-SFP media module:

- Fast Ethernet SFP transceivers:
  - M-FAST SFP-MM/LC
  - M-FAST SFP-SM/LC
  - M-FAST SFP-SM/LC
  - M-FAST SFP-SM+/LC
  - M-FAST SFP-LH/LC

See “Order numbers/product description” on page 61.

1.7.4 M4-GIGA 8-SFP

The M4-GIGA 8-SFP media module has eight 100/1000BASE-FX ports (SFP slots for mounting SFP transceivers).



Product description	Description	Order No.
	Switch chassis 24G+3X (up to 24 Gigabit Ethernet ports and three 10-Gigabit Ethernet ports) incl. plug-in fan unit without power supply unit	
MACH4002-24G+3X-L2P	- with Layer2 Professional software	943 915-101
MACH4002-24G+3X-L3E	- with Layer3 Enhanced software	943 915-201
MACH4002-24G+3X-L3P	- with Layer3 Professional software	943 915-301
	Switch chassis 48G+3X (up to 48 Gigabit Ethernet ports and three 10-Gigabit Ethernet ports) incl. plug-in fan unit without power supply unit	
MACH4002-48G+3X-L2P	- with Layer2 Professional software	943 878-101
MACH4002-48G+3X-L3E	- with Layer3 Enhanced software	943 878-201
MACH4002-48G+3X-L3P	- with Layer3 Professional software	943 878-301
M4-POWER	Power unit chassis (for 3 slide-in units)	943 874-001
Plug-in fan units		
M4-AIR	Plug-in fan for MACH4000 switch chassis without temperature sensor	943 869-001
M4-AIR-L	Plug-in fan for MACH4000 switch chassis with reduced fan speed for use in ambient temperatures up to a maximum of +40 °C.	942 005-001
Plug-in power units		
M4-S-AC/DC 300W	Plug-in AC power unit (300 W) for basic switch device	943 870-001
M4-S-24VDC 300W	Plug-in 24 V DC power unit, single-current, for switch chassis (2 connections coupled via diodes, one DC/DC converter)	943 871-001
M4-S-48VDC 300W	Plug-in 48 V DC power unit, single-current, for switch chassis (2 connections coupled via diodes, one DC/DC converter)	943 872-001
M4-P-AC/DC 300W	Plug-in AC power unit (300 W) for power unit chassis	943 875-001
M4-P-24VDC 300W	Plug-in 24 V DC power unit, single-current, for power unit chassis (2 connections coupled via diodes, one DC/DC converter)	943 876-001
M4-P-48VDC 300W	Plug-in 48 V DC power unit, single-current, for power unit chassis (2 connections coupled via diodes, one DC/DC converter)	943 877-001
Media modules		
M4-8TP-RJ45	Plug-in module 8 TP RJ45 (10/100, 10/100/1000)	943 863-001
M4-FAST 8TP-RJ45 PoE	Plug-in module 8 TP RJ45 PoE (Power over ETHERNET in compliance with IEEE 802.3af, 10/100)	943 873-001
M4-FAST 8-SFP	Plug-in module 8 SFP (100 HDX/FDX)	943 864-001
M4-GIGA 8-SFP	Plug-in module 8 SFP (100 FDX or 1000 FDX, depending on SFP)	943 879-001