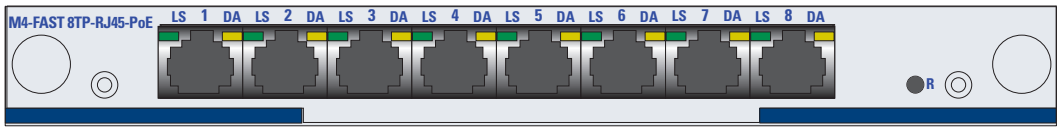
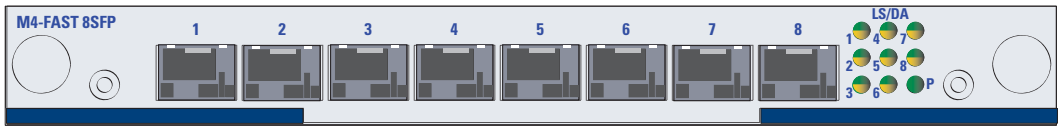
1.7.2 M4-FAST 8TP-RJ45-PoE

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).



Accessories

Note: Please note that products recommended as accessories may have characteristics that do not fully correspond to those of the corresponding product. This may limit their possible usage range in the overall system.

Name	Operating temperature (chassis)	Order number
AutoConfiguration Adapter ACA 21-USB		943 271-001
Terminal cable		943 301-001
M4-POWER CABLE (connection cable red. power supply)		943 922-001
M4-RACKMOUNT (bracket for mounting the MACH4000 in the 19" cabinet)		943 951-101
M4-RACKMOUNT-50 (19" bracket for mounting the MACH4000 in the 19" cabinet, 50 mm lower than with M4_RACKMOUNT)		943 951-001
4-pin terminal block (50 pcs.)		943 845-004
Industrial HiVision Network Management software, operator edition		943 156-xxx
OPC Server software HiOPC		943 055-001
10-Gigabit Ethernet XFP transceiver		
M - XFP - SR / LC	0 °C ... +60 °C	943 917-001
M - XFP - LR / LC	0 °C ... +60 °C	943 919-001
M - XFP - ER / LC	0 °C ... +60 °C	943 920-001
M - XFP - ZR / LC	0 °C ... +60 °C	943 921-001
Gigabit Ethernet SFP transceiver		
M - SFP - SX / LC	0 °C ... +60 °C	943 014-001
M - SFP - MX / LC	0 °C ... +60 °C	942 035-001
M - SFP - LX / LC	0 °C ... +60 °C	943 015-001
M - SFP - LX+ / LC	0 °C ... +60 °C	942 023-001
M - SFP - LH / LC	0 °C ... +60 °C	943 042-001
M - SFP - LH / LC EEC	-40 °C ... +70 °C	943 898-001
Fast Ethernet SFP transceiver		
M-FAST SFP-MM/LC	0 °C ... +60 °C	943 865-001
M-FAST SFP-SM/LC	0 °C ... +60 °C	943 866-001
M-FAST SFP-SM+/LC	0 °C ... +60 °C	943 867-001
M-FAST SFP-LH/LC	0 °C ... +60 °C	943 868-001
Bidirectional Gigabit Ethernet SFP transceiver		
M-SFP-BIDI Type A LX/LC EEC	0 °C ... +60 °C	943 974-001
M-SFP-BIDI Type B LX/LC EEC	0 °C ... +60 °C	943 974-002
M-SFP-BIDI Type A LH/LC EEC	0 °C ... +60 °C	943 975-001
M-SFP-BIDI Type B LH/LC EEC	0 °C ... +60 °C	943 975-002
M-SFP-BIDI Bundle LX/LC EEC (Type A + B)	0 °C ... +60 °C	943 974-101
M-SFP-BIDI Bundle LH/LC EEC (Type A + B)	0 °C ... +60 °C	943 975-101