

Technical characteristics

Ethernet interface

Number of ports	8x 10/100Base-T(X)
Cable types according to IEEE 802.3	Shielded Twisted Pair (STP) or Unshielded Twisted Pair (UTP), Category 5
Data rate	10 Mbit/s or 100 Mbit/s
Maximum cable length	100 m (Twisted Pair; with Category 5 cable acc. to DIN EN 50 173-1)
Termination	M12. D-coding
Diagnostics (via LED)	<ul style="list-style-type: none"> • Status Link – Green • Data transfer (Act) – Green flashing • Data transfer rate (Speed) – 100 Mbit/s: Yellow / 10 Mbit/s: OFF
Topology	Line, Ring, Star or mixed

Power supply

Input voltage	24 / 48 V DC
Termination	M12, A-coding, male, for redundant power supply
Diagnostics (via LED)	Power supply

Design features

Housing material	Metal (powder coated)
Dimensions (W x H x D)	130 x 166 x 50 mm
Degree of protection acc. to DIN 60 529	IP 40
Mounting	<ul style="list-style-type: none"> • Wall mounting, flat • 35 mm top-hat rail acc. to EN 60 715
Weight	approx. 0.85 kg

Environmental conditions

Operating temperature	–40 °C to +70 °C
Storage temperature	–40 °C to +85 °C
Relative humidity	10 % to 95 % (non-condensing)



Ethernet Switch
HARTING mCon 4080-B1
 8-port Ethernet Switch for flat installation

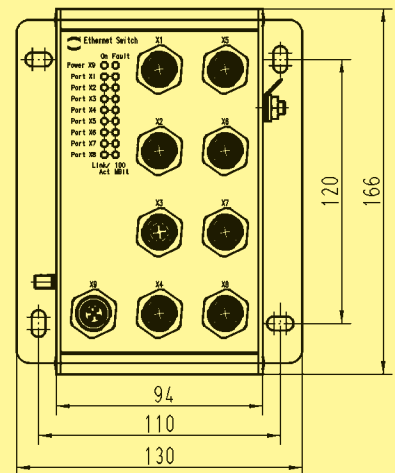
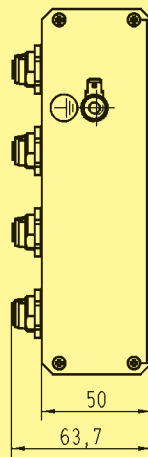
Managed	IP 40	PROFINET compatible <input checked="" type="checkbox"/>	EtherNet/IP compatible <input checked="" type="checkbox"/>
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Number of ports, Copper / Termination	8x 10/100Base-T(X) / M12, D-coding
Input voltage / Termination	24 / 48 V DC / M12, A-coding, male, for redundant power supply
Permissible range (min/max)	12 V to 60 V DC
Input current	approx. 165 mA (at 24 V DC)
Housing material	Metal (powder coated)
Dimensions (W x H x D)	130 x 166 x 50 mm
Weight	approx. 0.85 kg
Operating temperature	-40 °C to +70 °C
Approvals	cUL (in preparation)

Identification	Part number	Drawing	Dimensions in mm
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HARTING mCon 4080-B1
 Ethernet Switch, managed,
 with 8 ports M12, D-coding
 for wall mounting

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mCon 4000