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Ha-VIS eCon 4080BT-BT



Image is for illustration purposes only. Please refer to product description.

Part number	20 77 308 1000
Specification	Ha-VIS eCon 4080BT-BT
HARTING eCatalogue	https://harting.com/20773081000

Identification

Series	Ha-VIS eCon 4000
Element	Industrial Ethernet Switches
Specification	Unmanaged
Type of Ethernet	Fast Ethernet

Version

Total number of ports	8
Fixing	Wall mounting
Switching technology	Store and Forward
Frame size	2.048 kB
MAC table size	2k Entries
Packet buffer size	0.77 Megabit
Non blocking	Yes
Quality of service	Yes
Energie Efficient Ethernet	Yes
Flow control	Off
Signal contact	No
PoE functionality	No
Conformal coating of PCB	Yes
Pack contents	Assembly instructions

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Termination data

Nominal voltage	24 V DC 48 V DC
Permissible voltage	12 ... 60 V DC
Surge protection	Yes
Operating current	52 mA @ 24 V DC 28 mA @ 48 V DC
Supply circuit	SELV (Circuit Breaker 10 A)
Starting current	14 A @ 24 V DC 2.9 A @ 48 V DC
Overcurrent protection	2 A at input
Power consumption	≤1.3 W @ 24 V DC
Termination method	M12 L-coding
Number of contacts	4
Conductor cross-section	0.5 ... 2.5 mm²
Conductor cross-section (AWG)	AWG 20 ... AWG 14
Pinout	+ / - / - / +
Reverse polarity protection	Yes

Technical characteristics

Overvoltage category	II (protection through double or reinforced insulation)
Operating temperature	-40 ... +70 °C
Storage temperature	-40 ... +85 °C
Relative humidity	10 ... 95 % Non-condensing (operation) 10 ... 95 % Non-condensing (storage/transport)
Air pressure	≥795 hPa ≈ 2000 m
Degree of protection acc. to IEC 60529	IP40 mated condition

Ethernet ports copper

10/100 Mbit/s (M12D-Ports)	8 x
Transmission standard	10BASE-T 100BASE-TX
Auto-negotiation	Yes
Auto-polarity	Yes
Auto-MDI(X)	Yes
Transmission physics	Twisted Pair Cat. 5

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Ethernet ports copper

Data rate	10 Mbit/s 100 Mbit/s
Transmission length	100 m

Material properties

Material (hood/housing)	Aluminium
Length	152 mm
Width	100 mm
Height	43.85 mm
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	bbcc04b5-5176-4454-afbc-a635daae5e7b
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

Specifications and approvals

Specifications	EN 50155 Railway applications EN 50121-3-2 Railway applications EMC EN 61000-6-2 EMC Interference immunity EN 55035 EMC Interference immunity EN 61000-4-2 Electrostatic discharge (ESD) EN 61000-4-3 Electromagnetic field EN 61000-4-4 Rapid transients (burst) EN 61000-4-5 Surge voltages EN 61000-4-6 conducted disturbances EN 61000-6-4 emission standard EN 55032 emission standard IEC 60721-3 Mechanical stability IEC 60068-2-6 Vibration (sinusoidal) IEC 60068-2-27 Shock IEEE 802.3
Approvals	CE

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Specifications and approvals

FCC	Yes

Commercial data

Packaging size	1
Net weight	415 g
Country of origin	Germany
European customs tariff number	85176200
eCl@ss	19170130 Network switch (general application)
ETIM	EC000734
UNSPSC 24.0	43222612

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