

Ha-VIS eCon 4080GBT-BXT



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

Part number	20 77 408 0000
Specification	Ha-VIS eCon 4080GBT-BXT
HARTING eCatalogue	https://b2b.harting.com/20774080000

Identification

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

Version

Total number of ports	8
Fixing	Wall mounting
Switching technology	Store and Forward
Frame size	10 kB
MAC table size	4k Entries
Packet buffer size	4 Megabit
Non blocking	Yes
Quality of service	Yes
Pack contents	Assembly instructions

Termination data

Nominal voltage	24 V DC 48 V DC
Permissible voltage	12 ... 60 V DC
Surge protection	Yes
Operating current	130 mA @ 24 V DC 70 mA @ 48 V DC
Supply circuit	SELV (Circuit Breaker 10 A)



Pushing Performance

Termination data

Starting current	1.3 A @ 24 V DC 2.9 A @ 48 V DC
Overcurrent protection	2 A At input
Power consumption	≤3.3 W @ 24 V DC
Termination method	M12 A-coding
Number of contacts	4
Conductor cross-section	0.5 mm ²
Conductor cross-section	AWG 20
Pinout	+ / - / - / +
Reverse polarity proof	Yes

Technical characteristics

Pollution degree	2
Overvoltage category	III (protection by low voltage)
Operating temperature	-40 ... +70 °C
Storage temperature	-40 ... +85 °C
Relative humidity	0 ... 95 % Non-condensing (operation) 0 ... 95 % Non-condensing (storage/transport)
Air pressure	≥795 hPa ≈ 2000 m
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition

Ethernet ports copper

10/100/1000 Mbit/s (M12-ports X-coding)	8
Transmission standard	10BASE-T 100BASE-TX 1000BASE-T
Auto-negotiation	Yes
Auto-polarity	Yes
Auto-MDI(X)	Yes
Transmission physics	Twisted Pair
Data rate	10 Mbit/s 100 Mbit/s 1,000 Mbit/s
Transmission length	100 m



Pushing Performance

Material properties

Material (hood/housing)	Aluminium
Length	191 mm
Width	60 mm
Height	42 mm

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	E1 in preparation
UL / CSA	UL in preparation
PROFINET	Yes
EtherNet/IP	Yes
CE	Yes
FCC	Yes

Commercial data

Packaging size	1
Net weight	462 g
Country of origin	Germany
European customs tariff number	85176200
eCl@ss	19170130 Network switch (general application)