



Pushing Performance
Since 1945

Ha-VIS eCon 2080GBT-A



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

Part number	24 02 408 0000
Specification	Ha-VIS eCon 2080GBT-A
HARTING eCatalogue	https://b2b.harting.com/24024080000

Identification

Series	Ha-VIS eCon 2000
Element	Industrial Ethernet Switches
Specification	Unmanaged
Type of Ethernet	Full Gigabit Ethernet

Version

Total number of ports	8
Fixing	35 mm DIN rail acc. to EN 60715
Switching technology	Store and Forward
Frame size	9.216 kB
MAC table size	4k Entries
Packet buffer size	1.5 Megabit
Non blocking	Yes
Quality of service	Yes
Energie Efficient Ethernet	Yes
Flow control	Off
Signal contact	No
PoE functionality	No
Jumbo frame support	Yes
Pack contents	Pluggable screw contact for power supply Assembly instructions



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Termination data

Nominal voltage	24 V DC
	48 V DC
Permissible voltage	9 ... 60 V DC
Surge protection	Yes
Operating current	<130 mA @ 24 V DC
	<68 mA @ 48 V DC
Supply circuit	SELV (Circuit Breaker 10 A)
Starting current	<1.4 A @ 24 V DC
	<2.3 A @ 48 V DC
Overcurrent protection	2 A At input
Power consumption	<3.12 W @ 24 V DC
Termination method	Pluggable screw contact
Number of contacts	3
Conductor cross-section	0.08 ... 2.5 mm ²
Conductor cross-section	AWG 28 ... AWG 12
Pinout	+ / - / FE
Reverse polarity proof	Yes

Technical characteristics

Pollution degree	2
Overvoltage category	II
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	IP30 mated condition
MTBF	≈1,015,000 h

Ethernet ports copper

10/100/1000 Mbit/s (RJ45-Ports)	8
Transmission standard	10BASE-Te
	100BASE-TX EEE
	1000BASE-T EEE
Auto-negotiation	Yes
Auto-polarity	Yes



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Ethernet ports copper

Auto-MDI(X)	Yes
Transmission physics	Twisted Pair Cat. 5
Data rate	10 Mbit/s
	100 Mbit/s
	1,000 Mbit/s
Transmission length	100 m

Material properties

Material (hood/housing)	Aluminium (anodised)
Length	27.3 mm
Width	60 mm
Height	113.5 mm

Specifications and approvals

Specifications	EN 55022 Radio disturbance characteristics
	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
	IEC 60068-2-6 Vibration (sinusoidal)
CE	Yes
Approvals	on request
FCC	Yes

Commercial data

Packaging size	1
Net weight	225 g
Country of origin	Germany
European customs tariff number	85176200
GTIN	5713140329546
ETIM	EC000734
eCl@ss	19170130 Network switch (general application)