Pushing Performance
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Ha-VIS eCon 2080GX-I-AWT



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

Part number	24 14 408 0002
Specification	Ha-VIS eCon 2080GX-I-AWT
HARTING eCatalogue	https://b2b.harting.com/24144080002

Identification

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

Version

Total number of ports	8
Fixing	Wall mounting flat
Switching technology	Store and Forward
Frame size	10 kB
MAC table size	8k Entries
MAC–address filter	LLDP and PROFINET PTCP Delay (01-80-C0-00-00-0E) blocked
Packet buffer size	4 Megabit
Non blocking	Yes
Quality of service	Yes
Flow control	Off
Signal contact	No
PoE functionality	No
Jumbo frame support	Yes
Conformal coating of PCB	Yes
Field of application	Indoor usage

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Version

Pack contents	Pluggable and screwable Push-In contact for power supply Assembly instructions

Termination data

Nominal voltage	24 V DC 48 V DC
Permissible voltage	9 ... 60 V DC
Surge protection	Yes
Operating current	190 mA @ 24 V DC 100 mA @ 48 V DC
Supply circuit	SELV (Circuit Breaker 10 A)
Starting current	1.2 A @ 24 V DC 2.7 A @ 48 V DC
Overcurrent protection	4 A At input
Power consumption	4.6 W @ 24 V DC 4.8 W @ 48 V DC
Termination method	Pluggable and screwable Push-In contact for power supply
Number of contacts	3
Conductor cross-section	0.14 ... 1.5 mm²
Conductor cross-section	AWG 30 ... AWG 14
Pinout	+ / - / FE
Reverse polarity proof	Yes

Technical characteristics

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

Ethernet ports copper

10/100/1000 Mbit/s (ix Industrial®-Ports)	8
Transmission standard	10BASE-T 100BASE-TX 1000BASE-T
Auto-negotiation	Yes

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Ethernet ports copper

Auto-polarity	Yes
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	24 mm
Width	80.4 mm
Height	113 mm

Specifications and approvals

Specifications	EN 61000-6-1 EMC Interference immunity EN 61000-6-2 EMC Interference immunity EN 55024 EMC Interference immunity EN 61000-4-2 Electrostatic discharge (ESD) EN 61000-4-3 Electromagnetic field EN 61000-4-4 Rapid transients (burst) EN 61000-4-6 conducted disturbances EN 61000-6-4 emission standard EN 55032 emission standard FCC 47 FCR Part 15 IEC 60721-3-3 Mechanical stability (class 3M4) IEC 60068-2-6 Vibration (sinusoidal) IEC 60068-2-27 Shock IEEE 802.3 IEC 61076-3-124 Type A
UL / CSA	UL in preparation
CE	Yes
Approvals	DNV GL in preparation E1 in preparation
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	181 g
Country of origin	Germany

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Commercial data

European customs tariff number	85176200
GTIN	5713140194991
ETIM	EC000734
eCl@ss	19170130 Network switch (general application)

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