Pushing Performance

Ha-VIS eCon 2050GX-I-AW



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

Part number	24 14 405 0001
Specification	Ha-VIS eCon 2050GX-I-AW
HARTING eCatalogue	https://b2b.harting.com/24144050001

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	5
Fixing	Flat wall mounting
Switching technology	Store and Forward
Frame size	10 kB
MAC table size	8k Entries
Packet buffer size	4 Megabit
Non blocking	Yes
Quality of service	Yes
Flow control	Off
Signal contact	No
Field of application	Indoor usage
Pack contents	Pluggable and screwable Push-In contact for power supply Assembly instructions

Termination data

Nominal voltage	24 V DC 48 V DC

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Termination data

Permissible voltage	9 ... 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)
Starting current	1.2 A @ 24 V DC 2.7 A @ 48 V DC
Overcurrent protection	4 A At input
Power consumption	3.1 W @ 24 V DC 3.4 W @ 48 V DC
Termination method	Pluggable and screwable Push-In contact for power supply Temperature resistance of the cable used ≥ 90 ° C
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)	5 x
Transmission standard	10BASE-Te 100BASE-TX EEE 1000BASE-T EEE
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 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
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
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

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
Approvals	DNV GL in preparation E1 in preparation
UL / CSA	UL in preparation

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Specifications and approvals

EtherNet/IP	Yes

Commercial data

Packaging size	1
Net weight	0.01 g
Country of origin	Germany
European customs tariff number	85176200
eCl@ss	19170130 Network switch (general application)

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