

## Ha-VIS eCon 2050GX-I-A



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

Part number	24 14 405 0000
Specification	Ha-VIS eCon 2050GX-I-A
HARTING eCatalogue	<a href="https://b2b.harting.com/24144050000">https://b2b.harting.com/24144050000</a>

### 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	35 mm DIN rail acc. to EN 60715
Switching technology	Store and Forward
Frame size	10 Kilobyte
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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Pushing Performance

## 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 $\geq 90^{\circ}\text{C}$
Number of contacts	3
Conductor cross-section	0.14 ... 1.5 mm <sup>2</sup>
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	$\geq 795\text{ hPa} \approx 2000\text{ m}$
Degree of protection acc. to IEC 60529	IP30 when mated

## Ethernet ports copper

10/100/1000 Mbit/s (ix Industrial <sup>®</sup> -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



Pushing Performance

## 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	26.2 mm
Width	52.4 mm
Height	113.5 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
Approvals	IEEE 802.3
	IEC 61076-3-124 Type A
Approvals	DNV GL in preparation
	E1 in preparation
UL / CSA	UL in preparation
EtherNet/IP	Yes

## Commercial data

Packaging size	1
Net weight	151 g
Country of origin	Germany
European customs tariff number	85176200
eCl@ss	19170130 Network switch (general application)