

## Ha-VIS eCon 3050GB-A



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

Part number	24 03 405 0010
Specification	Ha-VIS eCon 3050GB-A
HARTING eCatalogue	<a href="https://b2b.harting.com/24034050010">https://b2b.harting.com/24034050010</a>

### Identification

Series	Ha-VIS eCon 3000
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 kB
MAC table size	8k Entries
Packet buffer size	1 Megabit
Non blocking	Yes
Quality of service	Yes
Energie Efficient Ethernet	Yes
Flow control	Off
Signal contact	No
Pack contents	Pluggable screw contact for power supply Assembly instructions

### Termination data

Nominal voltage	24 V DC 48 V DC
Permissible voltage	9 ... 60 V DC



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## Termination data

Surge protection	Yes
Operating current	<149 mA @ 24 V DC <77 mA @ 48 V DC
Supply circuit	SELV (Circuit Breaker 10 A)
Starting current	<1.6 A @ 24 V DC <3.2 A @ 48 V DC
Overcurrent protection	12 A At input
Power consumption	<3.58 W @ 24 V DC
Termination method	Pluggable screw contact
Number of contacts	3
Conductor cross-section	0.08 ... 2.5 mm <sup>2</sup>
Conductor cross-section	AWG 28 ... AWG 12
Pinout	+ / - / FE
Reverse polarity proof	Yes

## Technical characteristics

Operating temperature	0 ... +55 °C
Storage temperature	-40 ... +85 °C
Relative humidity	0 ... 95 % Non-condensing (operation) 0 ... 95 % Non-condensing (storage/transport)
Air pressure	≥795 hPa
Degree of protection acc. to IEC 60529	IP30 mated condition
MTBF	≈1,970,000 h

## Ethernet ports copper

10/100/1000 Mbit/s (RJ45-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
Data rate	10 Mbit/s 100 Mbit/s 1,000 Mbit/s



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## Ethernet ports copper

Transmission length 100 m

## Material properties

Material (hood/housing)	Aluminium (anodised) Steel sheet (powder-coated)
Length	107.5 mm
Width	25 mm
Height	142 mm
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel

## 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) IEEE 802.3
Approvals	DNV GL
UL / CSA	UL 508 NRAQ.E253944 CSA-C22.2 No. 142 NRAQ7.E253944
PROFINET	Yes
EtherNet/IP	Yes
CE	Yes
FCC	Yes

## Commercial data

Packaging size	1
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## Commercial data

Net weight	457 g
Country of origin	Germany
European customs tariff number	85176200
GTIN	5713140148505
eCl@ss	19170130 Network switch (general application)