

Ha-VIS eCon 3026 GBT-AT1-SPE



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

Part number	24 05 402 6400
Specification	Ha-VIS eCon 3026 GBT-AT1-SPE
HARTING eCatalogue	https://b2b.harting.com/24054026400

Identification

Series	Ha-VIS eCon 3000
Identification	Single Pair Ethernet (SPE)
Element	Industrial Ethernet Switches
Type of Ethernet	Gigabit Ethernet

Version

Total number of ports	8
Fixing	35 mm DIN rail acc. to EN 60715
Frame size	10 kB
Signal contact	No
Field of application	Indoor usage
Pack contents	Pluggable screw contact for power supply Assembly instructions

Termination data

Nominal voltage	24 V DC 48 V DC
Permissible voltage	16.8 ... 60 V DC
Surge protection	Yes
Operating current	145 mA @ 24 V DC 76 mA @ 48 V DC
Supply circuit	SELV (Circuit Breaker 10 A)
Starting current	<1.3 A @ 24 V DC <2.2 A @ 48 V DC



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Termination data

Overcurrent protection	2 A At input
Power consumption	<3.5 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 (400 ≤ CTI < 600)
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

1000 Mbit/s (RJ45-Ports)	2
Gigabit-Ethernet Ports 1000 Mbit/s (RJ45-Ports) Transmission standard: 1000BASE-T Transmission physics: Twisted Pair Cat. 5 Transmission length: 100 m Data rate: 1000 Mbit/s Auto-negotiation: yes Auto-polarity: yes Auto-MDI(X): yes	2
Transmission standard	100BASE-TX 1000BASE-T
Auto-polarity	Yes
Auto-MDI(X)	Yes
Transmission physics	Twisted Pair Cat. 5
Transmission length	100 m

Ethernet ports SPE

100 Mbit/s (SPE-Ports)	5
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Ethernet ports SPE

Single-Pair-Ethernet Port 100 Mbit/s (SPE-T1-Ports)

Transmission standard: 100BASE-T1
 Transmission physics: Twisted Pair Cat. 5 5
 Transmission length: 15 m
 Data rate: 100 Mbit/s
 Configuration Master-Slave via DIP-Switch

1000 Mbit/s (SPE-Ports)	1
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Single-Pair-Ethernet Port 1000 Mbit/s (SPE-T1-Ports)

Transmission standard: 1000BASE-T1
 Transmission physics: Twisted Pair Cat. 5 1
 Transmission length: 40 m
 Data rate: 1000 Mbit/s
 Configuration Master-Slave via DIP-Switch

Transmission standard	(100BASE-T1) (1000BASE-T1)
Transmission physics	Twisted Pair 2 wires Twisted Pair 2 wires
Data rate	100 Mbit/s 1,000 Mbit/s
Transmission length	15 m 40 m
Configuration Master-Slave	via DIP-Switch

Material properties

Material (hood/housing)	Aluminium (anodised) Stainless steel
Length	64.5 mm
Width	33 mm
Height	130 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	Not contained



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Specifications and approvals

Specifications	EN 55032 emission standard
	EN 55035 EMC Interference immunity
	EN 61000-4-2 Electrostatic discharge (ESD)
	EN 61000-4-3 Electromagnetic field
	EN 61000-4-4 Rapid transients (burst)
	EN 61000-4-5 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
PROFINET	Yes
FCC	Yes

Commercial data

Packaging size	1
Country of origin	Germany
European customs tariff number	85176200
GTIN	5713140195226
ETIM	EC000734
eCl@ss	19170130 Network switch (general application)