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Ha-VIS eCon 3011GBT-AT1-SPE



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

Part number	24 05 401 1400
Specification	Ha-VIS eCon 3011GBT-AT1-SPE
HARTING eCatalogue	https://b2b.harting.com/24054011400

Identification

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

Version

Total number of ports	2
Fixing	35 mm DIN rail acc. to EN 60715
Switching technology	Store and Forward
Frame size	10.24 kB
MAC table size	1k Entries
MAC–address filter	LLDP and PROFINET PTCP Delay (01-80-C0-00-00-0E) blocked
Packet buffer size	1 Megabit
Non blocking	Yes
Quality of service	Yes
Signal contact	No
PoE functionality	No
Jumbo frame support	Yes
Field of application	Indoor usage
Pack contents	Pluggable screw contact for power supply Assembly instructions

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Termination data

Nominal voltage	24 V DC 48 V DC
Permissible voltage	16.8 ... 60 V DC
Surge protection	Yes
Operating current	80 mA @ 24 V DC 45 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
Overcurrent protection	2 A At input
Power consumption	<2.2 W @ 24 V DC
Termination method	Pluggable screw contact
Number of contacts	3
Conductor cross-section	0.08 ... 2.5 mm²
Conductor cross-section	AWG 28 ... AWG 12
Pinout	+ / - / FE
Reverse polarity protection	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

10/100/1000 Mbit/s (RJ45-Ports)	1
1000 Mbit/s (RJ45-Ports)	1
Transmission standard	1000BASE-T
Auto-negotiation	Yes
Auto-polarity	Yes
Auto-MDI(X)	Yes

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Ethernet ports copper

Transmission physics	Twisted Pair Cat. 5
Data rate	1,000 Mbit/s
Transmission length	100 m

Ethernet ports SPE

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

Material properties

Material (hood/housing)	Aluminium (anodised) Stainless steel
Length	34 mm
Width	33 mm
Height	130 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

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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
Net weight	238 g
Country of origin	Germany
European customs tariff number	85176200
GTIN	5713140195219
ETIM	EC000734
eCl@ss	19170130 Network switch (general application)

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