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# 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://harting.com/24054026400 |

## Identification

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

## Version

| | |
|---|---|
| Total number of ports | 8 |
| 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<br>Assembly instructions |


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## Termination data

| | |
|---|---|
| Nominal voltage | 24 V DC<br>48 V DC |
| Permissible voltage | 16.8 ... 60 V DC |
| Surge protection | Yes |
| Operating current | 145 mA @ 24 V DC<br>76 mA @ 48 V DC |
| Supply circuit | SELV (Circuit Breaker 10 A) |
| Starting current | <1.3 A @ 24 V DC<br><2.2 A @ 48 V DC |
| 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 mm² |
| Conductor cross-section (AWG) | 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)<br>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) | 2 |
| 1000 Mbit/s (RJ45-Ports) | 2 |
| Transmission standard | 10BASE-T<br>100BASE-TX<br>1000BASE-T |
| Auto-negotiation | Yes |
| Auto-polarity | Yes |


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## Ethernet ports copper

| | |
|---|---|
| Auto-MDI(X) | Yes |
| Transmission physics | Twisted Pair Cat. 5 |
| Data rate | 10 Mbit/s<br>100 Mbit/s<br>1,000 Mbit/s |
| Transmission length | 100 m |

## Ethernet ports SPE

| | |
|---|---|
| 100 Mbit/s (SPE-Ports) | 5 |
| 1000 Mbit/s (SPE-Ports) | 1 |
| Transmission standard | 100BASE-T1<br>1000BASE-T1 |
| Transmission physics | Twisted Pair 2 wires<br>Twisted Pair 2 wires |
| Data rate | 100 Mbit/s<br>1,000 Mbit/s |
| Transmission length | 40 m<br>40 m |
| Configuration Master-Slave | via DIP-Switch<br>via DIP-Switch |

## Material properties

| | |
|---|---|
| Material (hood/housing) | Aluminium (anodised)<br>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<br>EN 55035 EMC Interference immunity<br>EN 61000-4-2 Electrostatic discharge (ESD)<br>EN 61000-4-3 Electromagnetic field<br>EN 61000-4-4 Rapid transients (burst)<br>EN 61000-4-5 Surge voltages<br>EN 61000-4-6 conducted disturbances<br>EN 61000-6-4 emission standard<br>IEC 60068-2-6 Vibration (sinusoidal) |
| Approvals | CE<br>on request |
| PROFINET | Yes |
| FCC | Yes |

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Net weight | 348 g |
| Country of origin | Germany |
| European customs tariff number | 85176200 |
| GTIN | 5713140195226 |
| eCl@ss | 19170130 Network switch (general application) |
| ETIM | EC000734 |
| UNSPSC 24.0 | 43222612 |


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