

# Ha-VIS eCon 3026 BT-AT1-SPE



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 24 05 002 6400                                                                |
| Specification      | Ha-VIS eCon 3026 BT-AT1-SPE                                                   |
| HARTING eCatalogue | <a href="https://harting.com/24050026400">https://harting.com/24050026400</a> |

## Identification

|                  |                              |
|------------------|------------------------------|
| Series           | Ha-VIS eCon 3000             |
| Identification   | Single Pair Ethernet (SPE)   |
| Element          | Industrial Ethernet Switches |
| Specification    | Unmanaged                    |
| Type of Ethernet | Fast 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                                                                |
| 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                      |
|                               | 48 V DC                      |
| Permissible voltage           | 16.8 ... 60 V DC             |
| Surge protection              | Yes                          |
| Operating current             | 96 mA @ 24 V DC              |
|                               | 51 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             | <2.3 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) | 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                      | 0.1 ... 95 % Non-condensing (operation)         |
|                                        | 0.1 ... 95 % Non-condensing (storage/transport) |
| Air pressure                           | ≥795 hPa ≈ 2000 m                               |
| Degree of protection acc. to IEC 60529 | IP30 mated condition                            |

## Ethernet ports copper

|                         |                     |
|-------------------------|---------------------|
| 100 Mbit/s (RJ45-Ports) | 2                   |
| Transmission standard   | 10BASE-T            |
|                         | 100BASE-TX          |
| Auto-negotiation        | Yes                 |
| Auto-polarity           | Yes                 |
| Auto-MDI(X)             | Yes                 |
| Transmission physics    | Twisted Pair Cat. 5 |



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## Ethernet ports copper

|                     |            |
|---------------------|------------|
| Data rate           | 10 Mbit/s  |
|                     | 100 Mbit/s |
| Transmission length | 100 m      |

## Ethernet ports SPE

|                            |                      |
|----------------------------|----------------------|
| 100 Mbit/s (SPE-Ports)     | 6                    |
| Transmission standard      | 100BASE-T1           |
| Transmission physics       | Twisted Pair 2 wires |
| Data rate                  | 100 Mbit/s           |
| Transmission length        | 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        |

## 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             |
| Approvals      | IEC 60068-2-6 Vibration (sinusoidal)       |
|                | CE<br>on request                           |



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Specifications and approvals

|          |     |
|----------|-----|
| PROFINET | Yes |
| FCC      | Yes |

Commercial data

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Packaging size                 | 1                                             |
| Net weight                     | 348 g                                         |
| Country of origin              | Germany                                       |
| European customs tariff number | 85176200                                      |
| GTIN                           | 5713140195141                                 |
| eCl@ss                         | 19170130 Network switch (general application) |
| ETIM                           | EC000734                                      |
| UNSPSC 24.0                    | 43222612                                      |