

## Ha-VIS eCon 2080B-A



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

|                    |   |
|--------------------|---|
| Part number        | 24 02 008 0010  |
| Specification      | Ha-VIS eCon 2080B-A   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/24020080010">https://b2b.harting.com/24020080010</a> |

### Identification

|                  |                              |
|------------------|------------------------------|
| Series           | Ha-VIS eCon 2000             |
| 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                 | 1.522 kB  |
| MAC table size             | 1k Entries  |
| Packet buffer size         | 0.44 Megabit  |
| Non blocking               | Yes   |
| Quality of service         | Yes   |
| Energie Efficient Ethernet | Yes   |
| Flow control               | Off   |
| Signal contact             | No  |
| PoE functionality          | No  |
| Pack contents              | Pluggable screw contact for power supply<br>Assembly instructions |

### Termination data

|                 |                    |
|-----------------|--------------------|
| Nominal voltage | 24 V DC<br>48 V DC |
|-----------------|--------------------|



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## Termination data

|                         |                                      |
|-------------------------|--------------------------------------|
| Permissible voltage     | 9 ... 60 V DC                        |
| Surge protection        | Yes                                  |
| Operating current       | <58 mA @ 24 V DC<br><31 mA @ 48 V DC |
| Supply circuit          | SELV (Circuit Breaker 10 A)          |
| Starting current        | <2.8 A @ 24 V DC<br><5.6 A @ 48 V DC |
| Overcurrent protection  | 2 A At input                         |
| Power consumption       | <1.39 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)<br>0 ... 95 % Non-condensing (storage/transport) |
| Air pressure                           | ≥795 hPa ≈ 2000 m  |
| Degree of protection acc. to IEC 60529 | IP30 mated condition   |
| MTBF                                   | ≈2,530,000 h   |

## Ethernet ports copper

|                            |                             |
|----------------------------|-----------------------------|
| 10/100 Mbit/s (RJ45-Ports) | 8                           |
| Transmission standard      | 10BASE-Te<br>100BASE-TX EEE |
| Auto-negotiation           | Yes                         |
| Auto-polarity              | Yes                         |
| Auto-MDI(X)                | Yes                         |
| Transmission physics       | Twisted Pair Cat. 5         |
| Data rate                  | 10 Mbit/s<br>100 Mbit/s     |



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## Ethernet ports copper

Transmission length 100 m

## Material properties

|                                      |  |
|--------------------------------------|--|
| Material (hood/housing)              | Aluminium (anodised)                                   |
| Length                               | 27.3 mm  |
| Width                                | 60 mm  |
| Height                               | 113.5 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   |
| ECHA SCIP number                     | be45dcda-0f90-459a-a8bc-78fb7986a295                   |
| California Proposition 65 substances | Yes  |
| California Proposition 65 substances | Lead   |

## 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)                   |
| UL / CSA       | UL 508 NRAQ.E253944<br>CSA-C22.2 No. 142 NRAQ7.E253944 |
| CE             | Yes  |
| Approvals      | DNV GL   |
| FCC            | Yes  |

## Commercial data

|                |       |
|----------------|-------|
| Packaging size | 1     |
| Net weight     | 250 g |



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## Commercial data

|                                |   |
|--------------------------------|---|
| Country of origin              | Germany                                       |
| European customs tariff number | 85176200                                      |
| GTIN                           | 5713140147386                                 |
| ETIM                           | EC000734                                      |
| eCl@ss                         | 19170130 Network switch (general application) |