

Ha-VIS eCon 4080GBT-BXT



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

| | |
|--------------------|---|
| Part number | 20 77 408 0000 |
| Specification | Ha-VIS eCon 4080GBT-BXT |
| HARTING eCatalogue | https://b2b.harting.com/20774080000 |

Identification

| | |
|------------------|------------------------------|
| Series | Ha-VIS eCon 4000 |
| Element | Industrial Ethernet Switches |
| Specification | Unmanaged |
| Type of Ethernet | Gigabit Ethernet |

Version

| | |
|--------------------------|-----------------------|
| Total number of ports | 8 |
| Fixing | Wall mounting |
| Switching technology | Store and Forward |
| Frame size | 9.216 kB |
| MAC table size | 4k Entries |
| Packet buffer size | 1.5 Megabit |
| Non blocking | Yes |
| Quality of service | Yes |
| Flow control | Off |
| Signal contact | No |
| PoE functionality | No |
| Jumbo frame support | Yes |
| Conformal coating of PCB | Yes |
| Pack contents | Assembly instructions |



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Termination data

| | |
|-----------------------------|-------------------------------------|
| Nominal voltage | 24 V DC 48 V DC |
| Permissible voltage | 12 ... 60 V DC |
| Surge protection | Yes |
| Operating current | 130 mA @ 24 V DC 70 mA @ 48 V DC |
| Supply circuit | SELV (Circuit Breaker 10 A) |
| Starting current | 1.3 A @ 24 V DC 2.9 A @ 48 V DC |
| Overcurrent protection | 2 A At input |
| Power consumption | ≤3.3 W @ 24 V DC |
| Termination method | M12 A-coding |
| Number of contacts | 4 |
| Conductor cross-section | 0.5 mm ² |
| Conductor cross-section | AWG 20 |
| Pinout | + / - / - / + |
| Reverse polarity protection | Yes |

Technical characteristics

| | |
|--|--|
| Pollution degree | 2 |
| Overvoltage category | III (protection by low voltage) |
| 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 | IP65 / IP67 mated condition |

Ethernet ports copper

| | |
|---|--------------------------------------|
| 10/100/1000 Mbit/s (M12-ports X-coding) | 8 |
| Transmission standard | 10BASE-T 100BASE-TX 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 | 10 Mbit/s |
| | 100 Mbit/s |
| | 1,000 Mbit/s |
| Transmission length | 100 m |

Material properties

| | |
|-------------------------|-----------|
| Material (hood/housing) | Aluminium |
| Length | 191 mm |
| Width | 60 mm |
| Height | 42 mm |

Specifications and approvals

| | |
|----------------|--|
| Specifications | EN 50155 Railway applications |
| | EN 50121-3-2 Railway applications EMC |
| | EN 61000-6-2 EMC Interference immunity |
| | 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 |
| | EN 55032 emission standard |
| | IEC 60721-3 Mechanical stability |
| | IEC 60068-2-6 Vibration (sinusoidal) |
| | IEC 60068-2-27 Shock |
| IEEE 802.3 | |
| UL / CSA | UL in preparation |
| Approvals | CE |
| | E1 in preparation |
| FCC | Yes |

Commercial data

| | |
|--------------------------------|---------------|
| Packaging size | 1 |
| Net weight | 430 g |
| Country of origin | Germany |
| European customs tariff number | 85176200 |
| GTIN | 5713140195356 |
| ETIM | EC000734 |



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Commercial data

eCl@ss

19170130 Network switch (general application)