

Ethernet Switch
IP 30



Advantages

- Small housing format
- Robust metal housing
- Adapted for mounting onto top hat mounting rail 35 mm according to EN 60 715
- RoHS compliant

General Description

The Ethernet Switch eCon 3080-A can be used in industrial environments and supports Ethernet (10 Mbit/s) and Fast Ethernet (100 Mbit/s). Up to 8 Ethernet devices can be connected via the RJ45-ports.

The Ethernet Switch supports a simple and quickly network diagnostics with integrated LEDs at every port. It works as unmanaged switch in the Store and Forward switching mode and supports Auto-crossing, Auto-negotiation and Auto-polarity.

| Identification | Part number | Drawing | Dimensions in mm |
|--|-----------------------|---------|------------------|
| <p>eCon 3080-A</p> <p>Ethernet Switch with 8 ports RJ Industrial</p> | <p>20 76 108 3000</p> | | |

All data represent the current state of development at the time of print and are therefore non-binding.

HARTING reserves the right to modify designs without prior notice.

Technical characteristics

Features

- Auto-crossing
- Auto-negotiation
- Auto-polarity
- Store and Forward switching mode

Ethernet Interface

| | |
|--------------------------------|--|
| Number of ports | • 8x 10/100Base-TX, unmanaged |
| Cable types acc. to IEEE 802.3 | • Shielded Twisted Pair (STP) or Unshielded Twisted Pair (UTP), Category 5 |
| Data rate | • 10/100Mbit/s (RJ45) |
| Maximum cable length | • 100 m (Twisted Pair; with cable Category 5 acc. to EN 50 173-1) |
| Terminating method | • RJ45 (Twisted Pair) |
| Diagnostics (via LED) | • Power supply • Status Link - green • Status Data transfer (Act) - green flashing • Data transfer rate (Speed) - 100 Mbit/s: yellow / 10 Mbit/s: OFF |
| Topology | Line, Star or mixed |

Power Supply

| | |
|--------------------------|--|
| Power supply | 24 V DC |
| Permissible range | 12 V to 30 V |
| Current consumption | 125 mA (at 24 V DC) |
| Terminating Power supply | 3-pole pluggable contact (24 V; GND; PE) |

Design features

| | |
|---|--|
| Material of housing | Sheet steel (grey painted) |
| Dimensions (W x H x D) | 23 x 130 x 100 mm (without connectors) |
| Degree of protection acc. to DIN 60 529 | IP 30 |

Environmental conditions

| | |
|-----------------------|-------------------------------|
| Operating temperature | -10 °C to +70 °C |
| Storage temperature | -40 °C to +85 °C |
| Relative humidity | 10 % to 95 % (non-condensing) |

Approvals

UL 508
e1

MTBF

548 000 h