

Ethernet Switch  
IP 30



## Advantages

- Flat housing format
- Robust metal housing
- Adapted for mounting onto top hat mounting rail 35 mm according to EN 60 715
- RoHS compliant
- Full Gigabit Ethernet Switch
- Jumbo Frames up to 9728 Bytes Energy-Efficient Ethernet according to IEEE 802.3az

## General Description

The Ethernet Switch HARTING Ha-VIS eCon 2050-AA can be used in industrial environments and supports Ethernet (10 Mbit/s), Fast Ethernet (100 Mbit/s) and Gigabit Ethernet (1000 Mbit/s). Up to 5 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 and Auto-negotiation.

### Identification

### Part number

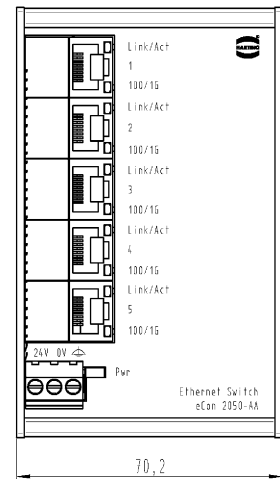
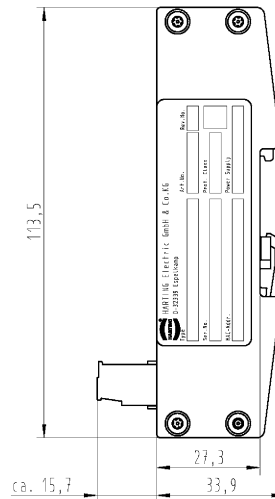
### Drawing

### Dimensions in mm

HARTING Ha-VIS  
eCon 2050-AA

Ethernet Switch with  
5 ports RJ45

20 76 105 3001



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
- Store and Forward switching mode
- Jumbo Frames up to 9728 Bytes
- 8 K Mac addresses

### Ethernet Interface

Number of ports	• 5x 10/100/1000Base-T(X), unmanaged
Cable types acc. to IEEE 802.3	• Shielded Twisted Pair (STP) or Unshielded Twisted Pair (UTP), Category 5
Data rate	• 10 / 100 / 1000 Mbit/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)	• Status Link - green • Status Data transfer (Act) - green flashing • Data transfer rate (Speed) - 10 Mbit/s: OFF / 100 Mbit/s: yellow / 1000 Mbit/s: green
Topology	Line, Star or mixed

### Power Supply

Power supply	24 V DC
Permissible range	12 V ... 48 V
Current consumption	220 mA (at 24 V DC)
Diagnostics (via LED)	Power supply
Terminating Power supply	3-pole pluggable contact (+24 V DC / 0 V / FE)

### Design features

Material of housing	Aluminium
Dimensions (W x H x D)	70.2 x 113.5 x 27.3 mm (without connectors)
Degree of protection acc. to DIN 60 529	IP 30

### Environmental conditions

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

### Approvals

cUL	(in preparation)
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