

## 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

### General Description

The Ethernet Switches HARTING Ha-VIS eCon 2030-A and eCon 2040-A can be used in industrial environments and supports Ethernet (10 Mbit/s) and Fast Ethernet (100 Mbit/s). Up to 3 respectively 4 Ethernet devices can be connected via the RJ45-ports.

Each 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>HARTING Ha-VIS eCon 2030-A</p> <p>Ethernet Switch with 3 ports RJ45</p>	20 76 103 3000		
<p>HARTING Ha-VIS eCon 2040-A</p> <p>Ethernet Switch with 4 ports RJ45</p>	20 76 104 3000		

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	• 3x / 4x 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)	• 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	9.6 V ... 36 V
Current consumption	100 mA (at 24 V DC)
Diagnostics (via LED)	Power supply
Terminating Power supply	3-pole pluggable contact (24 V; 0 V; FE)

### Design features

Material of housing	Aluminium
Dimensions (W x H x D)	46.5 x 113.5 x 27.3 mm (without connectors)
Degree of protection acc. to DIN 60 529	IP 30

### Environmental conditions

Operating temperature	-10 °C ... +70 °C
Storage temperature	-40 °C ... +85 °C
Relative humidity	30 % ... 95 % (non-condensing)

### Approvals

cUL	UL 508; UL 60 950-1; DNV
-----	--------------------------