

Features

- Unmanaged Plug & Play Gigabit Switch
- Robust and miniaturised Ethernet interface ix Industrial®
- Flat design for DIN rail or wall mounting
- Optimised for imaging processes and other data intensive applications
- Full Gigabit Ethernet Non Blocking switch architecture according to IEEE 802.3

Technical characteristics

Series	Ha-VIS eCon 2000
Element	Industrial Ethernet Switches
Specification	Unmanaged
Total number of ports	5
Operating temperature	-40 ... +70 °C
Storage temperature	-40 ... +85 °C
Degree of protection acc. to IEC 60529	IP30, when mated
Nominal voltage	24 V DC, 48 V DC
Power consumption	3.1 W @ 24 V DC, 3.4 W @ 48 V DC
10/100/1000 Mbit/s (ix Industrial®-Ports)	5 x
Transmission standard	10BASE-Te, 100BASE-TX EEE, 1000BASE-T EEE
Auto-negotiation	Yes
Auto-polarity	Yes
Auto-MDI(X)	Yes
Transmission physics	Twisted Pair, Cat. 5
Data rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
Transmission length	100 m
Material (hood/housing)	Aluminium (anodised)

Specifications and approvals

EN 61000-6-1 EMC Interference immunity
 EN 61000-6-2 EMC Interference immunity
 EN 55024 EMC Interference immunity
 EN 61000-4-2 Electrostatic discharge (ESD)
 EN 61000-4-3 Electromagnetic field
 EN 61000-4-4 Rapid transients (burst)
 EN 61000-4-6 conducted disturbances
 EN 61000-6-4 emission standard
 EN 55032 emission standard
 FCC 47 FCR Part 15
 IEC 60721-3-3 Mechanical stability (class 3M4)
 IEC 60068-2-6 Vibration (sinusoidal)
 IEC 60068-2-27 Shock
 IEEE 802.3
 IEC 61076-3-124 Type A
 UL in preparation
 DNV GL in preparation
 E1 in preparation

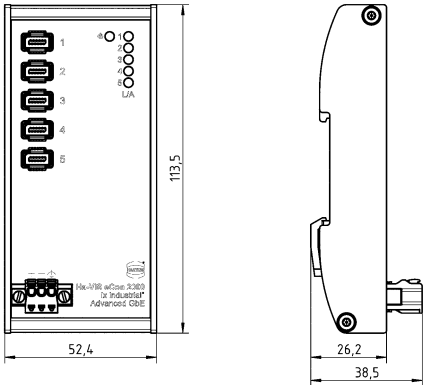
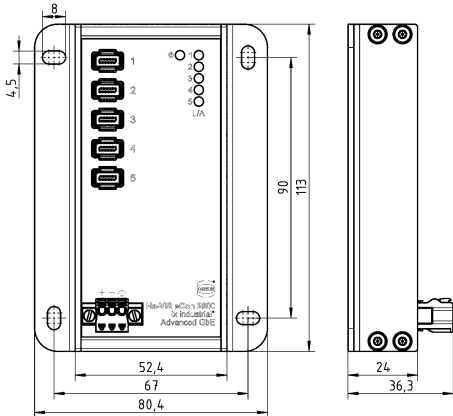
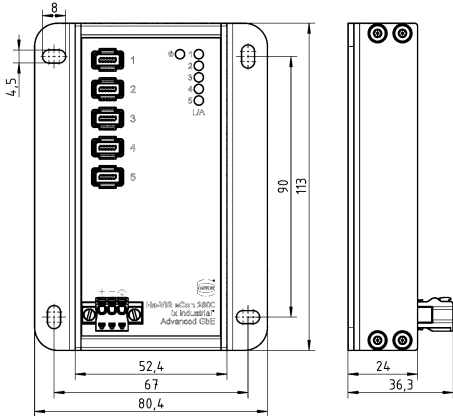


Total number of ports

5

Unmanaged Gigabit Switch

Switch

Identification	Part number	Drawing (dimensions in mm)
Ha-VIS eCon 2050GX-I-A, 35 mm DIN rail acc. to EN 60715, Pack contents: Pluggable and screwable Push-In contact for power supply, Assembly instructions 	24 14 405 0000	
Ha-VIS eCon 2050GX-I-AW, Flat wall mounting, Pack contents: Pluggable and screwable Push-In contact for power supply, Assembly instructions 	24 14 405 0001	
Ha-VIS eCon 2050GX-I-AWT, Flat wall mounting, Pack contents: Pluggable and screwable Push-In contact for power supply, Assembly instructions  with coated PCB	24 14 405 0002	

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Technical characteristics

Series	Ha-VIS eCon 2000
Element	Industrial Ethernet Switches
Specification	Unmanaged
Total number of ports	8
Operating temperature	-40 ... +70 °C
Storage temperature	-40 ... +85 °C
Degree of protection acc. to IEC 60529	IP30, when mated
Nominal voltage	24 V DC, 48 V DC
Power consumption	4.6 W @ 24 V DC, 4.8 W @ 48 V DC
10/100/1000 Mbit/s (ix Industrial®-Ports)	8 x
Transmission standard	10BASE-Te, 100BASE-TX EEE, 1000BASE-T EEE
Auto-negotiation	Yes
Auto-polarity	Yes
Auto-MDI(X)	Yes
Transmission physics	Twisted Pair, Cat. 5
Data rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
Transmission length	100 m
Material (hood/housing)	Aluminium (anodised)

Specifications and approvals

EN 61000-6-1 EMC Interference immunity
 EN 61000-6-2 EMC Interference immunity
 EN 55024 EMC Interference immunity
 EN 61000-4-2 Electrostatic discharge (ESD)
 EN 61000-4-3 Electromagnetic field
 EN 61000-4-4 Rapid transients (burst)
 EN 61000-4-6 conducted disturbances
 EN 61000-6-4 emission standard
 EN 55032 emission standard
 FCC 47 FCR Part 15
 IEC 60721-3-3 Mechanical stability (class 3M4)
 IEC 60068-2-6 Vibration (sinusoidal)
 IEC 60068-2-27 Shock
 IEEE 802.3
 IEC 61076-3-124 Type A
 UL in preparation
 DNV GL in preparation
 E1 in preparation

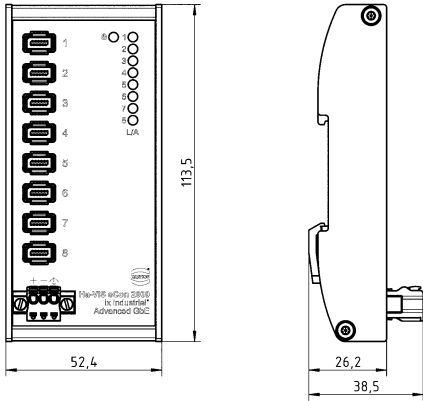
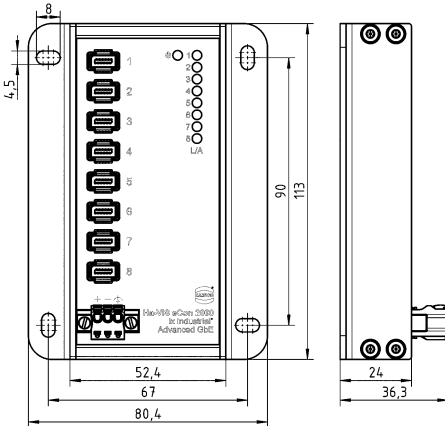


Total number of ports

8

Unmanaged Gigabit Switch

Switch

Identification	Part number	Drawing (dimensions in mm)
Ha-VIS eCon 2080GX-I-A, 35 mm DIN rail acc. to EN 60715, Pack contents: Pluggable and screwable Push-In contact for power supply, Assembly instructions 	24 14 408 0000	
Ha-VIS eCon 2080GX-I-AW, Flat wall mounting, Pack contents: Pluggable and screwable Push-In contact for power supply, Assembly instructions 	24 14 408 0001	
Ha-VIS eCon 2080GX-I-AWT, Flat wall mounting, Pack contents: Pluggable and screwable Push-In contact for power supply, Assembly instructions  with coated PCB	24 14 408 0002	