



















Function Class		Installation Class				
Ha-VIS eCon unmanaged	Plug & Play Store and Forward Switching Mode Non-Blocking Auto-negotiation Auto-polarity Auto-crossing	Inside IP 30 Degree of protection	Ha-VIS eCon 2000 - 3/4/5/16 copper ports (RJ45) - Robust metal housing - Top-Hat rail mount - Optimum installation depth	 eCon 2030-A 3 RJ45	 eCon 2040-A 4 RJ45	
		Inside IP 30 Degree of protection	Ha-VIS eCon 3000 - 1/6/8/10 copper ports with optional 1/2 F.O. ports - Robust metal housing - Top-Hat Rail mount - Narrow form factor	without FO	 eCon 3080-A/-A2/-A4 8 RJ45 also available with: - with narrowest housing (-A2) - extended temperature range (-A4)	 eCon 3080-A1 8 RJ45
		Inside IP 30 / IP 40 Degree of protection	Ha-VIS eCon 4000 - 8 copper ports (M12 D-coding) - Robust metal housing - EMC, temperature range and mechanical stability meet the highest requirements	 eCon 4080-B1 8 M12 D-coding		
		Outside IP 65 / IP 67 Degree of protection	Ha-VIS eCon 7000 - 5/10 copper ports (Han® 3 A RJ45 or M12 D-coding) - Robust die-cast zinc housing - EMC, temperature range and mechanical stability meet the highest requirements	5 Port	 eCon 7050-A1 5 Han® 3 A RJ45 wide power input range	
Ha-VIS sCon configurable	via USB interface configurable through a graphic user interface	Inside IP 30 Degree of protection	Ha-VIS sCon 3000 - 6/8/10 copper ports (RJ45) and optionally 1/2/3 F.O. ports (SC/ST) - Robust metal housing - Parallel-/ ring-redundancy - Top-Hat rail mounting - Potential-free alarm contact	without F.O.	 sCon 3100-A 10 RJ45	
Fast Track Switching	Webinterface SNMP (v1, v2c, v3) User Management LLDP	Inside IP 30 Degree of protection	Ha-VIS FTS 3000 - 6/8/10 copper ports (RJ45) and optionally 2 SFP modules - Robust metal housing - Top-Hat rail mounting - Web-management - Fast Track Switching Technology	configurable	 FTS 3100s-A 10 RJ45	
Ha-VIS mCon managed	Quality of Service VLAN support Rapid Spanning Tree 802.1X RADIUS Client IP authorize manager Link Aggregation IGMP Snooping (v1, v2, v3) with querier DHCP Client DHCP Option 82 SNMP Alarms via Email SNMP Traps Port diagnostic	Inside IP 30 Degree of protection	Ha-VIS mCon 3000 - 6/8/10 copper ports (RJ45) and optionally 1/2/3 F.O. ports (SC/ST) - Robust metal housing - Top-Hat rail mounting - Web management - Potential-free alarm contact	without FO	 mCon 3100-AV 10 RJ45	 mCon 3100-AV 10 RJ45 2 RJ45 Gig
		Inside IP 30 / IP 40 Degree of protection	Ha-VIS mCon 4000 - 8 copper ports (M12 D-coding) - Robust metal housing - EMC, temperature range and mechanical stability meet the highest requirements - Web management	 mCon 4080-B1V 8 M12 D-Coding		
		Outside IP 65 / IP 67 Degree of protection	Ha-VIS mCon 7000 - 5/10 copper ports (Han® 3 A RJ45 or M12 D-coding) - Robust die-cast zinc housing - EMC, temperature range and mechanical stability meet the highest requirements - Web management	5 Port	 mCon 7050-B1V 5 M12 D-Coding wide power input range	
Ha-VIS pCon	Industrial Power Supply 24 V/48 V	Inside IP 20 / IP 65 Degree of protection	Ha-VIS pCon 2000 - Worldwide application through wide input voltage range: 110 ... 240 V AC - Operating temperature: -25 °C ... +70 °C without derating - Fast installation without tools due to cage clamps - Active PFC	 pCon 2035-24 Output: 24 V / 1.4 A (35 W)	 pCon 2035-48 Output: 24 V / 1.4 A (35 W) Output: 48 V / 1.4 A (35 W)	

Network Components

Switches

Application

eCon 2040-A
5



eCon 2050-A
5 RJ45



eCon 2050-AA
5 RJ45 Full Gigabit



eCon 2160-A
16 RJ45



2



eCon 3061-AD
6 RJ45, 1 SC



eCon 3061-AE
6 RJ45, 1 ST



eCon 3062-AD/-AD2/-AF
6 RJ45, 2 SC also available with:
- extended temperature range (-AD2)
- Singlemode (-AF)



eCon 3062-AE
6 RJ45, 2 ST

Converter



eCon 3011-AD
1 RJ45, 1 SC
- 10/100 Mbit/s
- PoE



eCon 3011-ASFP
- 1 RJ45
- 1 SFP module slot
- 10/100 Mbit/s
- PoE



eCon 4080-B3

8 M12 D-coding
110 V DC power input



eCon 4080-BPoE1
8 M12 D-coding
8 Ports PoE

Ha-VIS eCon 9000

- 7 - 8 copper ports M12 D-coding
- Robust metal housing
- 19" rack mount
- Small form-factor



eCon 9080-B1
8 M12
D-coding



eCon 9070-B
7 M12 D-coding
Power input on the front



eCon 7050-B1

5 M12 D-coding
wide power input range

10 Port



eCon 7100-B1
10 M12 D-coding



eCon 7100-AA
8 Han® 3 A RJ45
2 Han® 3 A RJ45 Gigabit



sCon 3100-AA

10 RJ45
2 RJ45 Gigabit

F.O.

SC



sCon 3082-AD/-AF
8 RJ45, 2 SC



sCon 3063-AD
6 RJ45, 3 SC



managed



FTS 3100-A
10 RJ45



00-AAV

Gigabit

FO

SC



mCon 3082-ADV/AFV
8 RJ45, 2 SC
Multi Mode (ADV)
Single Mode (AFV)



mCon 3063-ADV
6 RJ45, 3 SC

ST



mCon 3082-AEV
8 RJ45, 2 ST



mCon 3063-AEV
6 RJ45, 3 ST



mCon 4080-B3V

8 M12 D-coding
110 V DC power input



mCon 4080-BPoE1V
8 M12 D-coding
8 Ports PoE

Ha-VIS mCon 9000

- 7 - 8 copper ports D-coding
- Robust metal housing
- 19" rack mount
- Small form-factor



mCon 9080-BV
8 M12
D-coding



mCon 9070-BV
7 M12
D-coding
Power input on the front



10 Port



mCon 7100-B1V
10 M12 D-coding



mCon 7100-AAV
8 Han® 3 A RJ45
2 Han® 3 A RJ45 Gigabit



2060-24

2.5 A (60 W)

2060-48

2.5 A (60 W)



pCon 2120-24
Output:
24 V / 5 A (120 W)



pCon 20DRM-10A
Redundancy module:
12 ... 48 V / 16 A

pCon 2120-48
Output:
48 V / 2.5 A (120 W)

Ha-VIS pCon 7000

- DC/DC Converter
- Operating temperature:
-40 °C ... +70 °C



pCon 7060-110/24
110 V DC / 24 V DC
IP 20 Degree of protection



pCon 7150-110/48
110 V DC / 48 V DC
IP 65 Degree of protection

pCon 7150 DC-24/48
24 V DC / 48 V DC
IP 65 Degree of protection