














Ethernet components overview

Function Class		Installation Class				
HARTING eCon unmanaged	Plug & Play Store and Forward Switching Mode Non-Blocking Auto-Negotiation Auto-Polarity Auto-Crossing	Inside (IP 30 Protection Class)	eCon 2000 - 3/4/5 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 Protection Class)	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 F.O.	 eCon 3080-A/-A2/-A4 8 RJ45 also available with: - with narrowest housing (-A2) - Extended temperature range (-A4)	 eCon 3100-A 10 RJ45
		Inside (IP 30 / IP 40 Protection Class)	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	eCon 9000 - 7 - 10 Copper (RJ45 or M12) - optionally 2 L - Robust metal - 19" rack mount - Small form-factor	
		Outside (IP 65 / IP 67 Protection Class)	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	 eCon 7050-B1 - 5 M12 D-Coding - wide power input range
HARTING sCon configurable	via USB-interface configurable through a graphic user interface	Inside (IP 30 Protection Class)	sCon 3000 - 6/8/10 Copper ports (RJ45) and optional 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/AA - 10 RJ45, - optionally with: 2 RJ45 Gigabit	F.O. SC
HARTING mCon managed	Webinterface SNMP (v1, v2c, v3) User Management LLDP Quality of Service VLAN support Rapid Spanning Tree 802.1X RADIUS Client IP authorize manager IGMP Snooping (v1, v2, v3) with querier DHCP Client DHCP Option 82 SNTP Alarms via Email SNMP Traps Port diagnostic	Inside (IP 30 Protection Class)	mCon 3000 - 6 / 8 / 10 Copper ports (RJ45) and with optionally 1/2/3 FO-ports - Robust metal housing - Top-Hat rail mounting - Web management - Potential-free alarm contact	Without F.O.	 mCon 3100-AV/AAV - 10 RJ45, - optionally with 2 RJ45 Gigabit	F.O. SC
		Inside (IP 30 / IP 40 Protection Class)	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	mCon 9000 - 7 - 10 Copper (RJ45 or M12) - optionally 2 L - Robust metal - 19" rack mount - Small form-factor	
		Outside (IP 65 / IP 67 Protection Class)	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-A1V - 5 Han® 3 A RJ45 - Wide power input range	 mCon 7050-B1V - 5 M12 D-Coding - Wide power input range
HARTING pCon	Industrial Power Supply 24 V	Inside (IP 20 Protection Class)	pCon 2000 - World-wide 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 2060-24 Outlet socket: 24 V / 2.5 A (60 W) pCon 2060-48 Outlet socket: 48 V / 1.25 A (60 W) pCon 2035-24 Outlet socket: 24 V / 1.4 A (35 W)	

Switches

Application

	eCon 2050-A 5 RJ45		eCon 2050-AA 5 RJ45 Gigabit		eCon 2160-A 16 RJ45 Ethernet IEEE 802.3 							
	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) - Single mode (-AF) eCon 3062-AE 6 RJ45, 2 ST		eCon 3082-AD 8 RJ45, 2 SC eCon 3082-AE 8 RJ45, 2 ST Converter eCon 3011-AD 1 RJ45, 1 SC - 10/100MB - PoE eCon 3011-ASFP - 1 RJ45 - 1 SFP module slot - 10/100 Mbit/s - PoE Ethernet IEEE 802.3 							
<p>ports D-Coding) WL ports housing nt ector</p>		eCon 9080-B1 8 M12 D-Coding		eCon 9070-B - 7 M12 D-Coding - Power input on the front		eCon 9100-AA 8 RJ45, 2 RJ45 Gigabit		eCon 9082-AD 8 RJ45, 2 SC Ethernet IEEE 802.3 				
<p>10 Port</p>		eCon 7100-A1 10 Han® 3 A RJ45		eCon 7100-B1 10 M12 D-Coding		eCon 7100-AA 8 Han® 3 A RJ45, 2 Han® 3 A RJ45 Gigabit Ethernet IEEE 802.3 						
	sCon 3061-AD/-AF 6 RJ45, 1 SC		sCon 3082-AD/-AF 8 RJ45, 2 SC		sCon 3063-AD 6 RJ45, 3 SC		sCon 3061-AE 6 RJ45, 1 ST		sCon 3082-AE 8 RJ45, 2 ST		sCon 3063-AE 6 RJ45, 3 ST	Ethernet IEEE 802.3
	mCon 3061-ADV 6 RJ45, 1 SC		mCon 3082-ADV 8 RJ45, 2 SC		mCon 3063-ADV 6 RJ45, 3 SC		mCon 3061-AEV 6 RJ45, 1 ST		mCon 3082-AEV 8 RJ45, 2 ST		mCon 3063-AEV 6 RJ45, 3 ST	Ethernet IEEE 802.3
<p>ports D-Coding) WL ports housing nt ector</p>		mCon 9080-B1V 8 M12 D-Coding		mCon 9070-BV - 7 M12 D-Coding - Power input on the front		mCon 9100-AAV 8 RJ45, 2 RJ45 Gigabit		mCon 9082-ADV 8 RJ45, 2 SC	Ethernet IEEE 802.3 			
<p>10 Port</p>		mCon 7100-A1V/-AAV - 10 Han® 3 A RJ45 - optionally with 2 Gigabit (-AAV)		mCon 7100-B1V 10 M12 D-Coding		mCon 7100-A2 - 10 Han® 3 A RJ45 - With configuration memory interface		mCon 7100-B2 - 10 M12 D-Coding - With configuration memory interface	Ethernet/IP 			
<p>Outside (IP 65 / IP 67 Protection Class)</p>	pCon 7000 - Robust die-cast zinc housing - Worldwide application through wide range of input voltage: 110 ... 240 V AC - Operating Temperature: -25°C ... +75°C - Power input socket: Han® 4 A - Active PFC		pCon 7095-24A Outlet socket: 2 Han® 4 A with 24 V / 4 A (95 W)		pCon 7095-24B Outlet socket: 2 M12 A-Coding with 24 V / 4 A (95 W)							