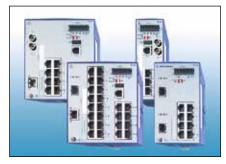


RS20/RS30 Compact OpenRail Managed Ethernet Switches



Fast Ethernet Ports with/without PoE

The RS20 compact OpenRail managed Ethernet switches can accommodate from 4 to 25 port densities and are available with different Fast Ethernet uplink ports – all copper, or 1, 2 or 3 fiber ports. The fiber ports are available in multimode and/or singlemode.

Gigabit Ethernet Ports with/without PoE

The RS30 compact OpenRail managed Ethernet switches can accommodate from 8 to 24 port densities with 2 Gigabit ports and 8, 16 or 24 Fast Ethernet ports. The configuration includes 2 Gigabit ports with TX or SFP slots.



Technical Information

Product Description											
Туре	RS20 Series 4 Ports	RS20 Series 8 and 9 Ports	RS20 Series 16, 17, 24 and 25 Ports	RS30 Series 8 Ports	RS30 Series 16 and 24 Ports						
Available Ports	4 to 25										
Construction											
Mounting	DIN Rail										
Protection Class	IP20										
Dimensions (WxHxD)	47 x 131 x 111 mm	74 x 131 x 111 mm	110 x 131 x 111 mm	74 x 131 x 111 mm	110 x 131 x 111 mm						
Weight	400 g	410 g	630 g	410 g	630 g						
Ambient Conditions											
Operating Temperature	0 °C to +60 °C, -40 °C to +70 °C, or -40 °C to +70 °C (optional Conformal Coating)										
Storage/Transport Temperature	-40 °C to +70 °C										
Relative Humidity (non-condensing)	10% to 95%										
Conformal Coating	Yes (variant dependent)										
Interfaces											
V.24 Interface	1 x RJ11 socket										
USB Interface	1 x USB (ACA21-USB adapter)										
Software	oftware										
Supported Classic Software Levels	Layer 2 Enhanced (L2E), Layer 2 Professional (L2P)										
Power Requirements	Power Requirements										
Operating Voltage	12/24/48 V DC (9.6 to 60 V) and 24 V AC (18 to 30 V) (redundant)										
Regulatory Approvals	Regulatory Approvals										
Safety of Industrial Control Equipment	cUL508										
Hazardous Locations	ISA12.12.01 Class 1 Div 2, ATEX 100a, Zone 2										
Ship	Germanischer Lloyd										
Transportation	NEMA TS2										
Railway (track)	EN 50121-4										
Substation	IEC 61850-3, IEEE 1613										
Reliability											
MTBF Range	65.5 to 74.9 years	43.9 to 62.5 years	22.1 to 44.8 years	30.6 to 51.9 years	22.9 to 39.1 years						
Warranty	5 years standard										

NOTE: These are the prominent technical specifications. For complete technical specifications visit: www.belden.com/hirschmann



RS20/RS22/RS30/RS32 Compact OpenRail Ethernet Switch Configurations

Fast Ethernet Uplink Ports/Fast Ethernet Uplink Ports with PoE Gigabit Ethernet Uplink Ports/Gigabit Ethernet Uplink Ports with PoE

		R S 2 0 - 0 9	00 MM M		AE	HH	09.0.10
Design/Models RS20 = Fast-Ethernet Uplink Ports RS30 = Gigabit Ethernet Uplink Ports							Î
Fast Ethernet Ports 04 = 4 x 10/100 Mbit/s 08 = 8 x 10/100 Mbit/s 09 = 9 x 10/100 Mbit/s 16 = 16 x 10/100 Mbit/s	17 = 17 x 10/100 Mbit/s 24 = 24 x 10/100 Mbit/s 25 = 25 x 10/100 Mbit/s						
Gigabit Ethernet Ports 00 = None (not present) 02 = 2 x 1000 Mbit/s							
Type 1 Uplink Port T1 = 1 x Twisted-Pair RJ45 M2 = 1 x Multimode SC M4 = 1 x Multimode ST S2 = 1 x Singlemode SC S4 = 1 x Singlemode ST	L2 = 1 x Long Haul SC G2 = 1 x Long Haul + SC E2 = 1 x Singlemode + SC EE = 2 x Singlemode + SC O6 = 1 x SFP Slot GE	OO = 2 x SFP SI MM = 2 x Multir NN = 2 x Multir VV = 2 x Single UU = 2 x Single	<mark>node SC</mark> node ST emode S				
Type 2 Uplink Port T1 = 1 x Twisted-Pair RJ45 M2 = 1 x Multimode SC M4 = 1 x Multimode ST E2 = 1 x Singlemode+ SC	S2 = 1 x Singlemode SC S4 = 1 x Singlemode ST L2 = Singlemode Long Haul FX DS G2 = Singlemode Long Haul FX DS	SC (only 100 Mbit/	ots FE /s)	s)			
S = 0 °C to +60 °C T = -40 °C to +70 °C (+60 °C PoE)	E = -40 °C to +70 °C (+60 °C Po inclusive Conformal Coating						
Power Supply D = 9.6 to 60 V DC and 18 to 30 V A P = 47 to 52 V DC (PoE)	C						
B = cUL508, cUL1604, Class 1 Div 2,	rmanischer Lloyd, IEC 61850-3: Substati Germanischer Lloyd, IEC 61850-3: S EX 100a, Zone 2: Hazardous Locatio	on, IEEE 1613: Substa Substation, IEEE 16	ation - EN 50121-	4: Railway -	(track)		
Software Version (see page 14-17 for E = Enhanced, additional filters and P = Professional, DHCP server, addit U = Unmanaged	r additional Management Software F redundancy tional security and diagnostics, adva						
Configuration H = Standard E = EtherNet/IP Pre Settings P = PROFINET Pre Settings							
OEM Type H = Standard F = Steel Cabinet (PoE)							
Software Release							

XX.X = Current Software Release

NOTE: The last three part number categories (Configuration, OEM Type and Software Release) are optional.