

RSPS-Smart Managed Industrial DIN Rail Switch with Fanless Design



Fast and Gigabit Ethernet Networks

The RSP-Smart features six Fast Ethernet ports designed for twisted-pair cables (100 BASE-TX), which can also be equipped with two/four SFP transceivers (100 BASE-FX). All ports support precise time synchronization compliant with IEEE 1588v2. Security mechanisms such as role based access protect against unauthorized access. MRP (Media Redundancy Protocol) and RSTP (Rapid Spanning Tree) redundancy methods ensure high network availability. Switch versions also available provide support for the PRP (Parallel Redundancy Protocol) and HSR (High-availability Seamless Redundancy) redundancy methods, ensuring zero switchover times. Power can be supplied via 24/36/48 V DC or alternatively via 110/250 V DC and 110/230 V AC. Other features of the RSP-Smart include IP30 protection rating, an extended operating temperature range from -40 °C to +70 °C, compact stainless steel housing and user-friendly configuration and diagnostics.



Technical Information

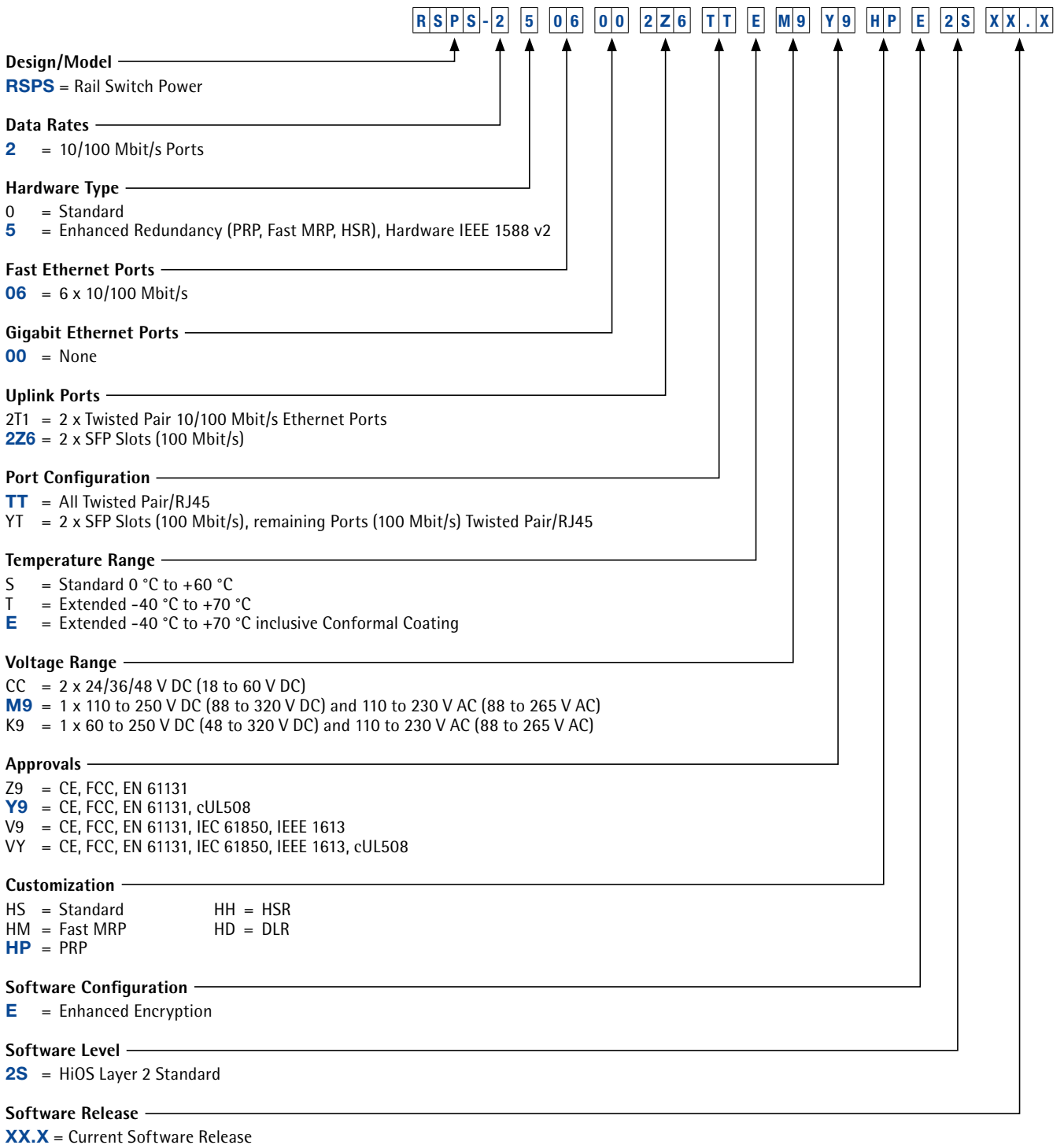
Product Description	
Type	RSPS20-xx Series
Available Ports	Ports in total: 6; 6 x 10/100 TX, or 4 x 10/100 TX/2 x FE SFP, or 2 x 10/100 TX/4 x FE SFP Ports
Enhanced Redundancy Functions	–
Construction	
Mounting	DIN Rail
Protection Class	IP30
Dimensions (WxHxD)	90 x 164 x 120 mm
Weight	1.2 kg
Ambient Conditions	
Operating Temperature	0 °C to +60 °C, or -40 °C to +70 °C, IEC 60068-2-2 Dry Heat Test +85°C 16 Hours
Storage/Transport Temperature	-40 °C to +85 °C
Relative Humidity (non-condensing)	10% to 95%
Conformal Coating	Yes (variant dependent)
Interfaces	
V.24 Interface	1 x RJ11 socket
SD Interface	1 x to connect auto-configuration adapter ACA31 (SD-card)
Software	
Supported HiOS Software Levels	Layer 2 Standard (L2S)
Power Requirements	
Operating Voltage	24 to 48 V DC redundant, or 60 to 250 V DC and 110 to 230 V AC
PoE (802.3af) Ports Supported	n/a
PoE Plus (802.3at) Ports Supported	n/a
Regulatory Approvals	
Safety	EN 60950-1, cUL508
Hazardous Locations	n/a
Ship	n/a
Transportation	NEMA TS2
Railway (norm)	EN 50121-4
Substation	IEC 61850-3, IEEE 1613
Reliability	
MTBF Range	www.hirschmann.com
Warranty	5 years standard

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



RSPS-Smart Managed Industrial DIN Rail Switch Configurations

Fast Ethernet Networks



NOTE: The part number categories (**Configuration** and **Software Release**) are optional.