Product No: 942 298-007

HIRSCHMANN MANAGED 26-PORT FAST ETHERNET 19" SWITCH, REDUNDANT PSU 942298007

FEATURES

- Store-and-Forward-Switching
- Fanless Design
- Redundant power supply

General Information	
Brand	HIRSCHMANN
Product Type	Managed
Software Configuration	Automatic Configuration Undo (roll-back), Text-based Configuration File (XML), Backup config on a remote server when saving, Clear config but keep IP settings, BOOTP/DHCP Client with Auto-Configuration, DHCP Server: per Port, DHCP Server: Pools per VLAN, , HiDiscovery, DHCP Relay with Option 82, USB-C Management support, Command Line Interface (CLI), CLI Scripting, CLI script handling over ENVM at boot, Full-featured MIB Support, Context-sensitive Help, HTML5 based Management
Software Diagnostics	Management Address Conflict Detection, MAC Notification, Signal Contact, Device Status Indication, TCPDump, LEDs, Syslog, Persistent Logging on ACA, Port Monitoring with Auto-Disable, Link Flap Detection, Overload Detection, Duplex Mismatch Detection, Link Speed and Duplex Monitoring, RMON (1,2,3,9), Port Mirroring 1:1, Port Mirroring 8:1, Port Mirroring N:1, Port Mirroring N:2, System Information, Self-Tests on Cold Start, Copper Cable Test, SFP Management, Configuration Check Dialog, Switch Dump
Software Industrial Profiles	IEC61850 Protocol (MMS Server, Switch Model), ModbusTCP
Software Management	Dual Software Image Support, TFTP, SFTP, SCP, LLDP (802.1AB), LLDP-MED, SSHv2, HTTP, HTTPS, IPv6 Management, Traps, SNMP v1/v2/v3, Telnet
Software Miscellaneous	Manual Cable Crossing, Port Power Down

	802.1D-2004 (IEC62439-1), RSTP Guards
Software Security	MAC-based Port Security, Port-based Access Control with 802.1X, Guest/unauthenticated VLAN, Integrated Authentication Server (IAS), RADIUS VLAN Assignment, Denial-of-Service Prevention, LDAP, VLAN-based ACL, Ingress VLAN-based ACL, Basic ACL, Access to Management restricted by VLAN, Device Security Indication, Audit Trail, CLI Logging, HTTPS Certificate Management, Restricted Management Access, Appropriate Use Banner, Configurable Password Policy, Configurable Number of Login Attempts, SNMP Logging, Multiple Privilege Levels, Local User Management, Remote Authentication via RADIUS, User Account Locking, Password change on first login
Software Switchng	Independent VLAN Learning, Fast Aging, Static Unicast/Multicast Address Entries, QoS / Port Prioritization (802.1D/p), TOS/DSCP Prioritization, Interface Trust Mode, CoS Queue Management, Flow Control (802.3X), Egress Interface Shaping, Ingress Storm Protection, VLAN (802.1Q), VLAN Unaware Mode, GARP VLAN Registration Protocol (GVRP), Voice VLAN, GARP Multicast Registration Protocol (GMRP), IGMP Snooping/Querier per VLAN (v1/v2/v3), Unknown Multicast Filtering, Multiple VLAN Registration Protocol (MVRP), Multiple MAC Registration Protocol (MMRP), Multiple Registration Protocol (MRP)
Software Time Synchronization	Buffered Real Time Clock, SNTP Client, SNTP Server

Technical Attributes	
Electromagnetic Capability	20 V/m (80-2700 MHz), 10V/m (2.7-6 GHz) 1 kHz, 80% AM
Electrostatic Discharge (kV)	6 kV Contact Discharge, 8 kV Air Discharge
Frequency Range (Hz)	47 - 63
Mean Time Between Failure (MTBF)	415 579 h
Network Configuration	any
No. of Pins	2
Operating Voltage Range	100 - 240V AC
Power Consumption (W)	Expected Max 17

Power Output in BTU (IT)/h	Expected Max 58
Resistance to Vibrations	3.5 mm, 5–8.4 Hz, 10 cycles, 1 octave/min 1 g, 8.4–150 Hz, 10 cycles, 1 octave/min
Software	HiOS 09.4.01
Surge Voltage (kV)	Power Line: 2 kV (Line/Earth), 1 kV (Line/Line); Data Line: 1 Kv
Terminal Type	2 x IEC Plug , 1 x Plug-In Terminal Block
Transition Type	2 kV Power Line, 2 kV Data Line

Physical Attributes

Mounting Type	19" Control Cabinet
Operational Temperature Range (°C)	-10 - 60
Relative Humidity	5-90 %
Storage Temperature Range (°C)	-20 - 70

Dimensions

Cable Length (m)	0 - 100
Dimensions (mm)	448W x 44H x 310D (without fixing bracket)
Weight (g)	approx 4.10 k

Protection & Standards

Standards	CE, FCC, EN61131

Resources

Product catalogue (Flipbook)	Download from here