Datasheet

Product information
IOLAN SDS3 M

Industrial Ethernet:Serial to Ethernet converters:IOLAN SDS3 M	
Name	**IOLAN SDS3 M**
	Industrial Ethernet media converter has three serial RJ45 interfaces and is equipped with a V.92/V.90 modem that enables the converter to be connected to wide area networks. The converter can be mounted directly on a wall, or on a top-hat rail using an (optional) adapter.
Delivery informations	
Availability	available
Product description	
Description	Industrial Ethernet media converter has three serial RJ45 interfaces and is equipped with a V.92/V.90 modem that enables the converter to be connected to wide area networks. The converter can be mounted directly on a wall, or on a top-hat rail using an (optional) adapter.
Port type and quantity	3 x RS323/422/485 via RJ45 connector, 1 x modem port RJ11 connector, V.92/V.90 standard, 1 x 10/100BaseTX Ethernet
Type	IOLAN SDS3 M
Order No.	942 036-201
Classification	
Belden brand	Hirschmann
Displays	
LEDs	Power, link status; serial: data per port
More Interfaces	
Power supply/signaling contact	1 x terminal block, 2-pin
V.24 interface	1 x serial port (can be configured as consol port, via DIP switch)
Network size - length of cable	
Serial (RS232, RS422, RS485)	10 m ... 15 m
Twisted pair (TP)	0 m ... 100 m
Power requirements	
Operating voltage	9-30 VDC
Heat dissipation	7.2 Btu (IT) h
Software	
Configuration	Telnet; SSH v1 and v2; Rlogin; Auto session login; LPD, RCP printer; MOTD - Message of the day
Security	SSH v1 and v2; SSL V3.0/TLS V1.0, SSL V2.0; SSL Server and SSL client mode capability; SSL Peer authentication; IPSec VPN : NAT Traversal, ESP authentication protocol; Encryption: AES (256/192/128), 3DES, DES, Blowfish, CAST128, ARCFOUR(RC4), ARCTWO(RC2); Hashing Algorithms: MD5, SHA-1, RIPEMD160, SHA1-96, and MD5-96; Key exchange: RSA, EDH-RSA, EDH-DSS, ADH; X.509 Certificate verification: RSA, DSA; Certificate authority (CA) list; Local database; RADIUS Authentication, Authorization and Accounting; TACACS+ Authentication, Authorization and Accounting; LDAP, NIS, Kerberos Authentication; RSA SecureID-agent or via RADIUS Authentication; SNMP v3 Authentication and Encryption support; IP Address filtering; Disable unused daemons; Active Directory via LDAP
Flow control	Hardware, Software, Both
Protocols	IPv6, IPv4, TCP/IP, Reverse SSH, SSH, SSL, IPSec/IPv4, IPSec/IPv6, L2TP/IPSec, CIDR, RIPV2/MD5, ARP, RARP, UDP, UDP Multicast, ICMP, BOOTP, DHCP, TFTP, SFTP, SNTP, Telnet, raw, reverse Telnet, LPD, RCP, DNS, Dynamic DNS, WINS, HTTP, HTTPS, SMTP, SNMPV3, PPP, PAP/CHAP, SLIP, CSLIP, RFC2217, MSCHAP, IPSEC VPN client/servers, HTTP tunneling, DHCP Opt 81
Ambient conditions	
Operating temperature	0 ºC ... 55 ºC
Storage/transport temperature	-40 ºC ... 66 ºC
Relative humidity (non-condensing)	5 % ... 95 %
Mechanical construction	
Dimensions (W x H x D)	113 mm x 81 mm x 28 mm
Mounting	Wall mounting
Weight	700 g
Protection class	IP40

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A **BELDEN** BRAND

Industrial Ethernet:Serial to Ethernet converters:IOLAN SDS3 M	
EMC emitted immunity	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
Scope of delivery and accessories	
Scope of delivery	Device, Manual CD, Quick start description, 1 x DB9 to PRL /config adapter

Hirschmann Automation and Control GmbH

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