


Product information

IOLAN SDS16C HV

Industrial Ethernet:Serial to Ethernet converters:IOLAN SDS16C HV

<http://www.e-catalog.beldensolutions.com/link/57078-24455-157770-158364/en/conf/uistate>

| Name | | IOLAN SDS16C HV |
|---------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| | | Industrial Ethernet media converter is especially suited to extreme operating conditions, e.g. the kind of conditions that are found in transformer stations in the electricity industry. |
| Delivery informations | | |
| Availability | | available |
| Product description | | |
| Description | | Industrial Ethernet media converter is especially suited to extreme operating conditions, e.g. the kind of conditions that are found in transformer stations in the electricity industry. |
| Port type and quantity | | 16 x RS 232 / RS 422 / RS 485 on RJ45 connector, 2 x 10/100/1000BaseTX Ethernet |
| Type | | IOLAN SDS16C HV |
| Order No. | | 942 036-301 |
| Classification | | |
| Belden brand | | Hirschmann |
| Displays | | |
| LEDs | | Power, link status; serial: data per port |
| More interfaces | | |
| Power supply/signaling contact | | 1 x terminal block, 6-pin |
| V.24 interface | | 1 x console block |
| Network size - length of cable | | |
| Serial (RS232, RS422, RS485) | | 10 m ... 15 m |
| Twisted pair (TP) | | 0 m ... 100 m |
| Power requirements | | |
| Operating voltage | | 88-300 VDC or 85-265 VAC |
| Heat dissipation | | 40.9 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 |
| Redundancy functions | | n/a |
| 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, SNMP, 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 | | -40 °C ... 70 °C |
| Storage/transport temperature | | -40 °C ... 85 °C |
| Relative humidity (non-condensing) | | 5 % ... 95 % |
| Protective paint on PCB | | No |
| Mechanical construction | | |
| Dimensions (W x H x D) | | 264 mm x 434 mm x 44 mm |
| Mounting | | DIN Rail |
| Weight | | 3320 g |



HIRSCHMANN

A Belden Brand

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| | |
|----------------------------------------|----------------------------------------------------------------------------|
| Protection class | IP30 |
| EMC emitted immunity | |
| FCC CFR47 Part 15 | FCC 47 CFR Part 15 Class A |
| EN 55022 | EN 55022 Class A |
| Approvals | |
| Safety of industrial control equipment | cUL 60950-1 |
| Hazardous locations | cUL 1604 Class1 Div 2; ATEX 100a, Zone 2 |
| Scope of delivery and accessories | |
| Scope of delivery | Device, Manual CD, Quick start description, 1 x DB9 to PRL /config adapter |

For more information please contact:

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