

Industrial Ethernet IE-CST-2TX-2RS232/485

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Serial/Ethernet converter with 1 or 2 ports for industrial automation

- Improved surge protection for serial, LAN and supply ports
- Sturdy screw-on terminal blocks for the power supply and serial connectors
- Easy cabling with cascading Ethernet ports
- Redundant DC power supply inputs
- Warnings via relay output and e-mail
- Minimal power consumption

General ordering data

Type	IE-CST-2TX-2RS232/485
Order No.	1285840000
Version	Serial / Ethernet converter, 2x RJ45, 2x DB9 for RS-232/422/485, IP 30, -40 °C...+75 °C
GTIN (EAN)	4050118076431
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Width	36 mm	Height	140 mm
Depth	105 mm	Weight	485 g
Net weight	485 g		

Downloads

Firmware	Version 1.0.4	Manual	Manual
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EMC conformity and approvals

EMC standards	EN 61000-4-2 (ESE), Stage 3, EN 61000-4-3 (RS), Stage 3, EN 61000-4-5 (surge), EN 61000-4-5 (surge voltage), Stage 3, EN 61000-4-6 (CS), Stage 3, EN 61000-4-8, EN 61000-4-11, EN 55022 Class A, EN 55024, FCC Part 15, Section B, Class A	Explosive risk zone	UL/cUL, Class I, Division 2, Groups A, B, C and D, ATEX Class I, Zone 2
Free fall	IEC 60068-2-32	Security	UL508
Shock resistance IEC 60068-2-27	Available	Vibration resistance IEC 60068-2-6	Available

Environmental conditions

Humidity	5 to 95 % (non-condensing)	Operating temperature, max.	75 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

Interfaces

Ethernet cable protection	1 kV (Level 2) surge protection	Ethernet ports	2
Interface standards	RS-232/422/485	Magnetic isolation protection	1.5 kV built-in
RJ45 ports	10/100BaseT(X), Auto MDI/MDI-X port	RS-485 data direction control	ADDC® (automatic data direction control)
Serial cable protection	15 kV ESD protection for all signals, 1 kV (Level 2) surge protection	Serial port	DB9 for RS-232/422/485
Serial ports	2		

MTBF

MTBF	262,805 hrs	MTBF	Telcordia (Bellcore), GB
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Power supply

Current consumption	0.250 A at 12 V DC, 0.125 A at 24 V DC	Supply voltage	12 bis 48 V DC
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Serial communication parameters

Baud rate	50 bit/s to 921.6 kbit/s	Data bits	5, 6, 7, 8
Flow control	RTS/CTS and DTR/DSR (RS-232), XON/XOFF	Parity	neither, even, odd, Space, Mark
Stop bits	1, 1.5, 2		

Technical data

Housing main material	metal	Protection degree	IP 30
Type of mounting	Mounting rail		

Technology

Flow control	RTS/CTS and DTR/DSR (RS-232), XON/XOFF
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Reliability

Alarm function	Built-in buzzer and RTC	Auto restart on failure	Built-in Watchdog Timer (WDT)
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Software

Configuration options	Fixed TTY driver	SCO Unix, SCO OpenServer, UnixWare 7, UnixWare 2.1, SVR 4.2, QNX 4.25, QNX 6, Solaris 10, FreeBSD, AIX 5.x, HP-UX 11i
	Web console, serial console, Telnet console, Windows utility	
Network protocol	Windows Real COM driver	Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8 x86/x64, 2012 x64
	ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNMP, IGMP	

Classifications

eClass 6.2	19-17-01-90	eClass 7.1	19-17-01-90
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Approvals

Approvals



ROHS Conform

Downloads

Manual	Manual
Package insert	Hardware Installation Guide
Declaration of Conformity	K442_08_13.pdf
Tools	S/E-Converter Administration Tool
Firmware	Version 1.0.4
	3D Modell

Erstellungs-Datum December 20, 2013 8:15:06 AM CET

Katalogstand xx.xx.xxxx / Technische Änderungen vorbehalten