

**Industrial Ethernet
IE-CS-2TX-1RS232/485**

Weidmüller Interface GmbH & Co. KG
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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-CS-2TX-1RS232/485
Order No.	1242080000
Version	Serial / Ethernet converter, 2x RJ45, 1x DB9 for RS-232, 1x terminal block for RS-422/485, IP 30, 0 °C...+60 °C
GTIN (EAN)	4050118030266
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Width	36 mm	Height	140 mm
Depth	105 mm	Weight	475 g
Net weight	475 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.	60 °C
Operating temperature, min.	0 °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 RS-232, Terminal block for RS-422/485
Serial ports	1		

MTBF

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

Current consumption	0.220 A at 12 V DC, 0.110 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
Network protocol	Web console, serial console, Telnet console, Windows utility ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNMP, IGMP	Windows Real COM driver Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8 x86/x64, 2012 x64

Classifications

eClass 6.2	19-17-01-06	eClass 7.1	19-17-01-06
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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 7:46:30 AM CET

Katalogstand xx.xx.xxxx / Technische Änderungen vorbehalten