

**IE-CS-2TX-1RS232/485****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****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**

Version	Serial / Ethernet converter, 2x RJ45, 1x DB9 for RS-232, 1x terminal block for RS-422/485, IP30, 0 °C...60 °C
Order No.	<a href="#">1242080000</a>
Type	IE-CS-2TX-1RS232/485
GTIN (EAN)	4050118030266
Qty.	1 pc(s).

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Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Depth	105 mm	Depth (inches)	4.134 inch
Height	140 mm	Height (inches)	5.512 inch
Width	36 mm	Width (inches)	1.417 inch
Net weight	475 g		

### Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	0 °C...60 °C
Humidity	5 to 95 % (non-condensing)		

### EMC conformity and approvals

EMC standards	FCC Part 15 Subpart B Class A, EN 55032, EN 61000-4-2 (ESD), Stage 3, EN 61000-4-3 (RS), Stage 3, EN 61000-4-4 (EFT), level 4, EN 61000-4-5 (Surge), Stage 3, EN 61000-4-6 (CS), Stage 3, EN 61000-4-8, EN 61000-4-11, EN 55035	Explosive risk zone	UL/cUL, Class I, Division 2, Groups A, B, C and D, ATEX Zone 2 Ex nA nC IIC T3 Gc
Free fall	According to IEC 60068-2-32	Safety standard	UL508, EN 62368-1
Shock	according to IEC 60068-2-27	Vibration	according to IEC 60068-2-6

### 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		

### Guarantee

Time interval	5 years
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### 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	RS485 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	According to Standard	Telcordia (Bellcore), GB
	Operating time (hours), min.	262,805 h

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**Technical data**

**Power supply**

Connection type	1 removable 8-pole terminal block		
Current consumption	Voltage	12 V	
	Current	0.22 A	
	Voltage	24 V	
	Current	0.11 A	
Voltage supply	24 V DC, 2 redundant inputs		
Voltage supply range	Voltage type	DC	
	Voltage, min.	12 V	
	Voltage, max.	48 V	

**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	none, straight, odd, Space, Mark
Stop bits	1, 1.5, 2		

**Technical data**

Housing main material	metal	Protection degree	IP30
Type of 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	Web console, serial console, Telnet console, Windows utility	Network protocol	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**

ETIM 6.0	EC000310	ETIM 7.0	EC000310
ETIM 8.0	EC000310	ETIM 9.0	EC000310
ECLASS 11.0	19-17-01-32	ECLASS 12.0	19-17-01-32
ECLASS 13.0	19-17-01-14	ECLASS 14.0	19-17-01-32

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**Technical data****Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	9229992a-00b9-4096-8962-200a7f33e289

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197
Certificate no. (cULusEX)	E223527

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">ATEX certificate</a> <a href="#">KC certificate</a> <a href="#">EU Declaration of Conformity</a> <a href="#">UK Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Software	<a href="#">Software – S/E-Converter Administration Tool</a> <a href="#">Firmware – Firmware Version 1.0.6</a> <a href="#">Driver – Real TTY Driver for Linux (Linux 2.x)</a> <a href="#">Driver – Real TTY Driver for Linux (Linux 3.x, 4.x)</a>
User Documentation	<a href="#">Hardware Installation Guide</a> <a href="#">Manual</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	