

**Industrial Ethernet
IE-GWT-MB-2TX-1RS232/485**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image

- RTU slave mode for communication between up to 16 TCP masters and 31 serial slaves
- RTU master mode for communication between 1 serial master and up to 31 TCP slaves
- Integrated Modbus protocol analysis
- Redundant DC power supply inputs
- Integrated 2-port switch for setting up a linear topology

General ordering data

Type	IE-GWT-MB-2TX-1RS232/485
Order No.	1504470000
Version	Modbus TCP/Modbus Seriell Gateway, 2x RJ45, 1x DB9 for RS-232, 1x terminal block for RS-422/485, IP30, -40 °C...75 °C
GTIN (EAN)	4050118312287
Qty.	1 pc(s).

Creation date May 4, 2020 2:40:01 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

Industrial Ethernet IE-GWT-MB-2TX-1RS232/485

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Dimensions and weights

Width	29 mm	Width (inches)	1.142 inch
Height	124.5 mm	Height (inches)	4.902 inch
Depth	89.2 mm	Depth (inches)	3.512 inch
Net weight	190 g		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Serial interface

Connection type	1 removable 7-pole terminal block
-----------------	-----------------------------------

EMC conformity and approvals

EMC standards	FCC Part 15 Subpart B Class A, EN 55022 Class A, 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	Safety standard	UL 508, UL 60950-1, EN 60950-1
Explosive risk zone	UL/cUL, Class I, Division 2, Groups A, B, C and D	Shock	according to IEC 60068-2-27
Vibration	according to IEC 60068-2-6	Free fall	According to IEC 60068-2-32

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		

Guarantee

Time interval	5 years
---------------	---------

Interfaces

Ethernet ports	2	Magnetic isolation protection	1.5 kV built-in
RJ45 ports	10/100BaseT(X), Auto MDI/MDI-X port	Serial port	DB9 RS-232, Terminal block for RS-422/485
Serial ports	1		

MTBF

MTBF	210,794 hrs	Database	Telcordia (Bellcore), GB
------	-------------	----------	--------------------------

Power supply

Connection type	1 removable 7-pole terminal block
-----------------	-----------------------------------

Creation date May 4, 2020 2:40:01 AM CEST

Industrial Ethernet IE-GWT-MB-2TX-1RS232/485

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Current consumption	Voltage	12 V DC
	Current	0.435 A
	Voltage	24 V DC
	Current	0.218 A
	Voltage	48 V DC
	Current	0.109 A
Voltage supply	24 V DC, 2 redundant inputs	

Serial communication parameters

Data bits	7, 8	Flow control	RTS/CTS and DTR/DSR (RS-232)
Parity	none, straight, odd, Space, Mark	Stop bits	1, 2

Serial signals

RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND	RS-422	TxD+, TxD-, RxD+, RxD-, GND
RS-485 2-wire	Data+, Data-, GND	RS-485 4-wire	TxD+, TxD-, RxD+, RxD-, GND

Technical data

Housing main material	Plastic	Protection degree	IP30
Type of mounting	DIN rail		

Technology

Flow control	RTS/CTS and DTR/DSR (RS-232)
--------------	------------------------------

Software

Additional features	Serial Redirection, Priority Control	Configuration options	Web console, serial console, Telnet console, Windows utility
Configuration tool	Modbus Gateway Administrator for Windows 98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8 x86/x64	Multi-master and multi-drop	Master Modus: 32 TCP slaves, Slave Modus: 16 TCP master
Operating modes	RTU Slave, RTU Master, ASCII Slave, ASCII Master		

Classifications

ETIM 6.0	EC000734	ETIM 7.0	EC000734
eClass 9.0	19-17-01-06	eClass 9.1	19-17-01-06
eClass 10.0	19-17-04-02		

Approvals

Approvals



ROHS Conform

Creation date May 4, 2020 2:40:01 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

**Industrial Ethernet
IE-GWT-MB-2TX-1RS232/485**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data**Downloads**

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
Brochure/Catalogue	CAT 9 IETH 18/19 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
Software	Modbus Gateway Administrator Firmware Version 1.0
User Documentation	Hardware Installation Guide Manual
