



RS-485 Serial Interface; Adjustable

Item No.: 750-653/003-000



RS-485 Serial Interface; Adjustable

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	750-653/003-000
GTIN / EAN	4045454519414
Content	1
Order amount	1
Customer item number	

Notes

Item description: The interface integrated in the I/O module allows the connection of any device which is equipped with an RS-485 interface. The interface operates in accordance with the TIA/EIA-485-A, DIN 66259 standard. The connected device can communicate directly with the control unit via the fieldbus coupler. The active communication channel works independently of the higher-level fieldbus system and allows full duplex operation up to 19200 baud. The RS-485 interface guarantees high interference immunity because of the electrically isolated signals. The shield (screen) is directly connected to the DIN rail. Internal bit width: 1 x 24-bit input/output (3-byte user data); 1 x 8-bit control/status

Technical data

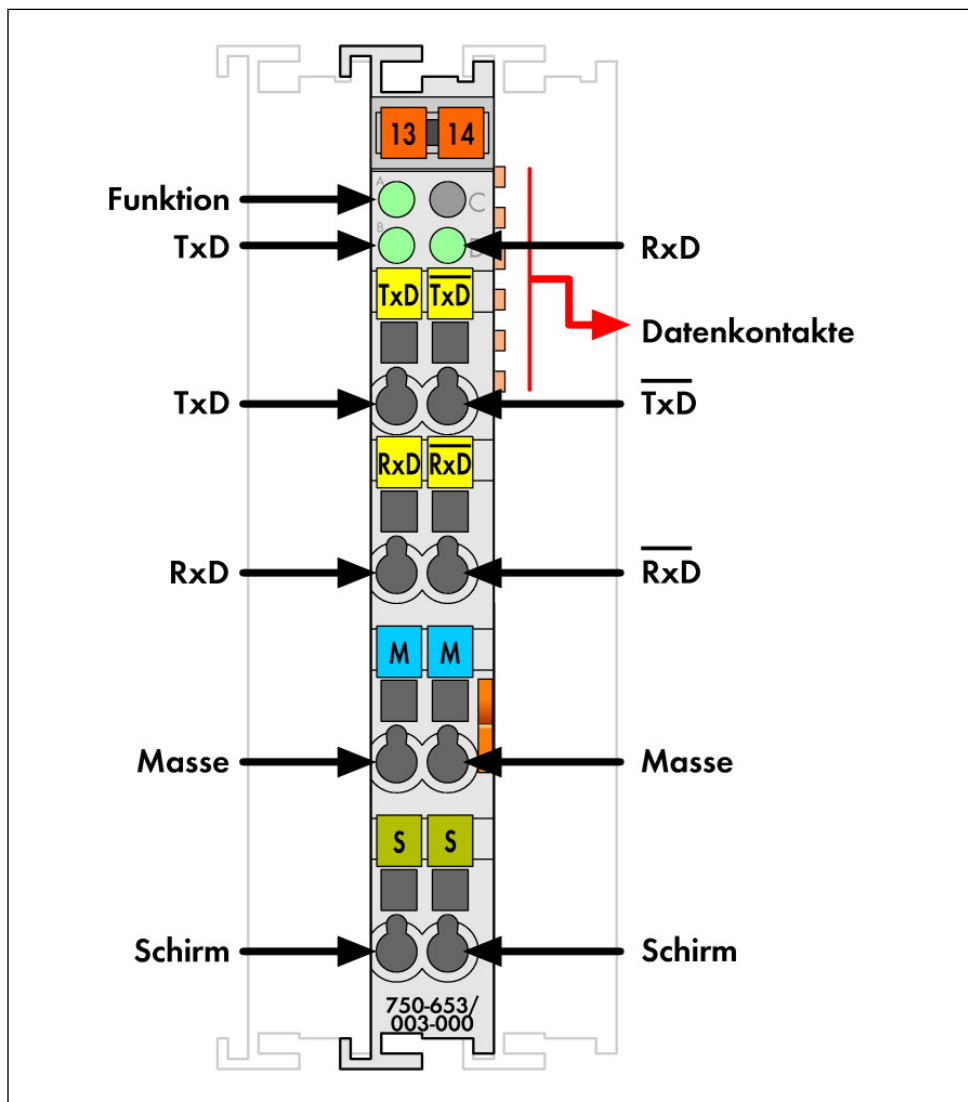
Miscellaneous

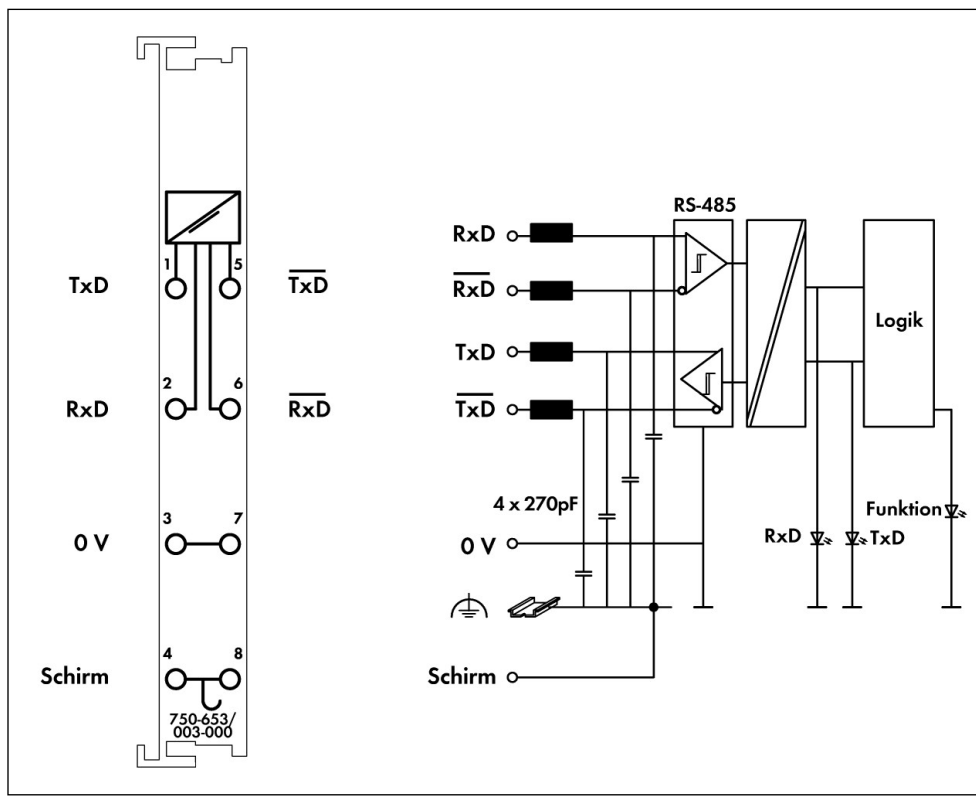
Color	light gray
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Technical data	
<i>Conformity marking</i>	CE
<i>Baud rate</i>	9600 baud (factory preset) 1200 ... 19200 baud
<i>Power supply</i>	via system voltage DC/DC
<i>Isolation</i>	500 V system/supply
<i>Current consumption (internal) (3) [mA]</i>	65 [mA]
<i>Transmission channels</i>	1 TxD / 1 RxD, full duplex
<i>Bit transfer</i>	ISO 8482 / DIN 66259 - 4
<i>Line length</i>	approx. 1000 m twisted pair
<i>Buffer</i>	128 bytes in/16 bytes out
<i>Degree of protection</i>	IP20
<i>Connection technology</i>	CAGE CLAMP®
<i>Solid conductor</i>	0.08 ... 2.5 mm ² / 28 ... 14 AWG
<i>Fine-stranded conductor</i>	0.08 ... 2.5 mm ² / 28 ... 14 AWG
<i>Strip length</i>	8 ... 9 mm / 0.31 ... 0.35 Inch
<i>Fire load [MJ]</i>	1.423 [MJ]
<i>Weight [g]</i>	47.895 [g]
<i>Width</i>	12 mm / 0.472 Inch
<i>Height</i>	69.8 mm / 2.748 Inch
<i>Height from upper-edge of DIN-35 rail</i>	62.6 mm / 2.465 Inch
<i>Depth</i>	100 mm / 3.937 Inch
<i>Storage temperature</i>	-25 °C ... +85 °C
<i>Relative air humidity (no condensation) [%]</i>	95 [%]
<i>Type of mounting</i>	DIN-35 x 15 carrier rail
<i>Operating temperature</i>	0 °C ... +55 °C
<i>EMC emission of interference</i>	acc. to EN 61000-6-4, marine applications
<i>EMC immunity to interference</i>	acc. to EN 61000-6-2, marine applications
<i>Shock resistance</i>	acc. to IECacc. to IEC 60068-2-27
<i>Vibration resistance</i>	acc. to IECacc. to IEC 60068-2-6

Images & drawings







Address

WAGO Kontakttechnik GmbH & Co. KG
 Hansastr. 27
 32423 Minden
 Telefon: 0571/887-0
 Fax: 0571/887-169
<http://www.wago.com>
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 Technische Änderungen und Irrtümer vorbehalten.