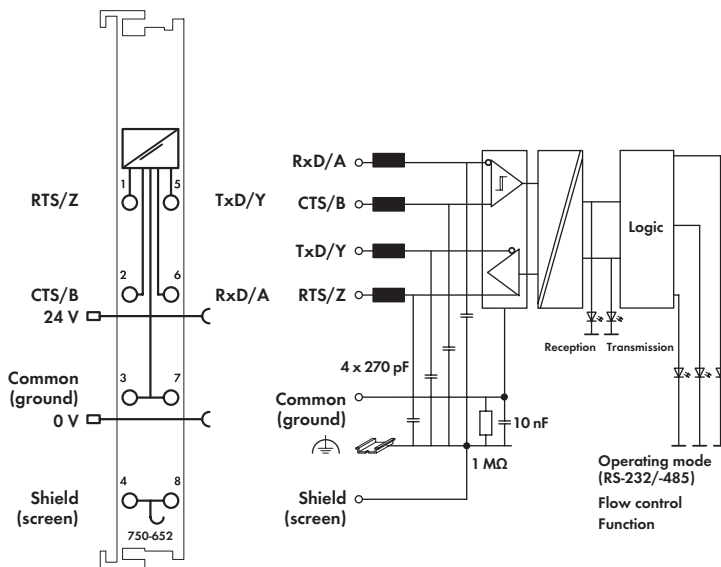
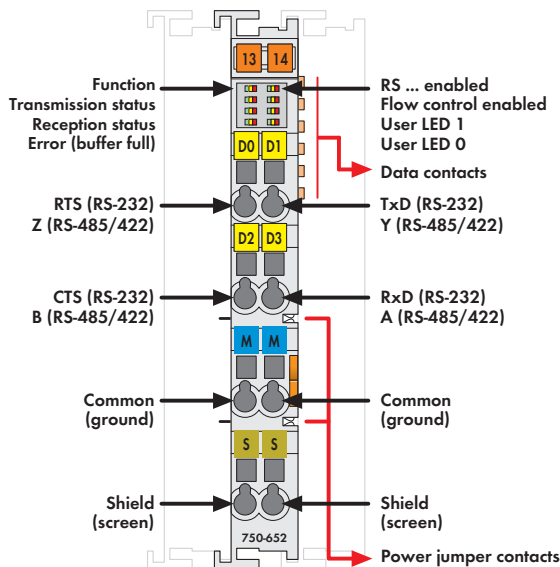


# Serial Interface RS-232 / RS-485

Configurable




Delivered without miniature WSB markers

The serial interface module connects RS-485/422 or RS-232 C interface devices to the WAGO-I/O-SYSTEM 750. It also provides gateways between the serial interface and the fieldbus systems supported by the WAGO-I/O SYSTEM 750. No higher protocol level is required by the module. Communication to the associated fieldbus master is completely transparent. This provides for a broader application scope for the serial interface module. If required, communication protocols can be configured via fieldbus master.

The 2560 byte input buffer provides for high data baud rates. At lower baud rates, the data received in lower priority tasks is evaluated without data loss. The 512 byte output buffer provides fast transmission of larger data strings. The module can be configured via WAGO-I/O-CHECK or GSD files. Flexible baud rate and data width selection provides perfect adaptation to the respective application.

### Compatibility with couplers/controllers:

See manual, Section 3 "Device Description"

Description	Item No.	Pack. Unit	
RS-232 / RS-485 configurable	750-652	1	
RS-232 / RS-485 configurable/T	750-652/025-000	1	
(Operating temperature -20 °C ... +60 °C)			
Accessories	Item No.	Pack. Unit	
WAGO-I/O-CHECK, RS-232 kit	759-302	1	
Miniature WSB Quick marking system			
	plain	248-501	5
	with marking	see pages 352 ... 353	
Approvals	Also see "Approvals Overview" in Section 1		
Conformity marking	CE		
Shipbuilding (versions upon request)	ABS, DNV, GL, KR		
UL 508			

Technical Data	
Transmission channels	1 TxD / 1 RxD, full duplex, half duplex
Baud rate	7 or 8 bit data, 1 or 2 stop bit 9,600 baud (default setting) 300 baud ... 115,200 baud
Bit transfer	RS-485/-422: ISO 8482 / DIN 66259 - 4; RS-232: EIA/TIA-232-F
Line length	RS-485/-422: max. approx. 1000 m twisted pair, RS-232: max. 40 m
Buffer	2560 bytes in / 512 bytes out
Current consumption (internal)	85 mA
Power supply	via system voltage DC/DC
Isolation	500 V system/supply
Internal bit width	1 x 46/1 x 24/1 x 6 bytes in/out (parametrizable), 2 bytes control/status
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Width	12 mm
Weight	51 g