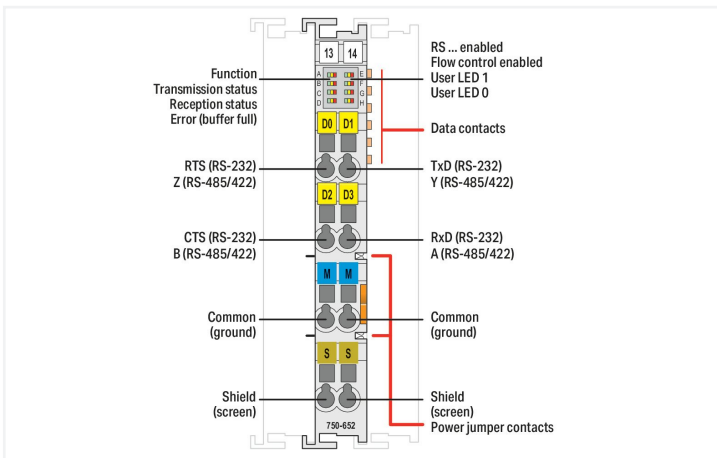
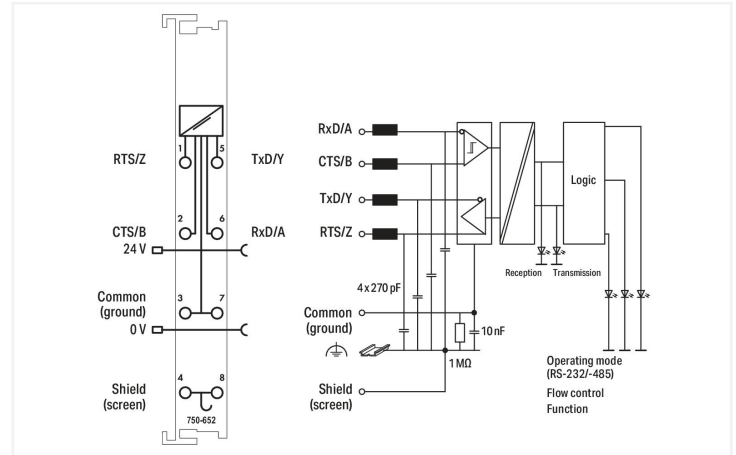




Color: light gray



This 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, which provides a wide range of applications for the serial interface module. If required, communication protocols can be configured via fieldbus master.

The 2560-byte input buffer provides 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. Both flexible baud rate and data width selection perfectly adapt to the application.

Notes

Note **Compatible with Couplers/Controllers:**
See manual in Section 3 "Device Description"

Technical data

Signal type	RS-232 RS-422 / RS-485
Baud rate	300 Bd ... 115.2 kBd
Bit transfer	RS-485/-422: ISO 8482 / DIN 66259 - 4; RS-232: EIA/TIA-232-F
Transmission channels	1 TxD / 1 RxD, full-duplex, half-duplex
Line length	RS-485/-422: approx. 1000 m (max.) twisted pair, RS-232: 40 m (max.)
Data width	1 x 46/1 x 22/1 x 6-byte input/output (parameterizable), 2-byte control/status
Parity	None/Odd/Even
Number of data bits	7/8, adjustable
Number of stop bits	1/2, adjustable
Buffer	2560-byte input / 512-byte output
Supply voltage (system)	5 VDC; via data contacts

Technical data

Current consumption (5 V system supply)	85 mA
Supply voltage (field)	24 VDC; via power jumper contacts (power supply via blade contact; transmission via spring contact)
Isolation	500 V system/field
Indicators	LED (A-H) green/yellow/red: Function, Transmission status, Reception status, Error (buffer full), RS ... enabled, Flow control enabled, User LED 1, User LED 0
Number of incoming power jumper contacts	2
Number of outgoing power jumper contacts	2
Current carrying capacity (power jumper contacts)	10 A

Connection data

Connection technology: inputs/outputs	8 x CAGE CLAMP®
Connection type 1	Inputs/outputs
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data

Width	12 mm / 0.472 inches
Height	100 mm / 3.937 inches
Depth	67.8 mm / 2.669 inches
Depth from upper-edge of DIN-rail	60.6 mm / 2.386 inches

Mechanical data

Mounting type	DIN-35 rail
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Material data

Color	light gray
Housing material	Polycarbonate; polyamide 6.6
Fire load	0.981 MJ
Weight	50.3 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	0 ... +55 °C
Ambient temperature (storage)	-25 ... +85 °C
Protection type	IP20
Pollution degree	2 per IEC 61131-2
Operating altitude	0 ... 2000 m / 0 ... 6562 ft
Mounting position	horizontal (standing/lying); vertical
Relative humidity (without condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61131-2, marine applications
EMC emission of interference	per EN 61131-2, marine applications
Exposure to pollutants	per IEC 60068-2-42 and IEC 60068-2-43
Permissible H ₂ S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO ₂ contaminant concentration at a relative humidity 75 %	25 ppm

Commercial data

Product Group	15 (I/O System)
eCl@ss 10.0	27-24-26-08
eCl@ss 9.0	27-24-26-08
ETIM 8.0	EC001604
ETIM 7.0	EC001604
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821002949
Customs tariff number	85389099990

Environmental Product Compliance

CAS-No.	1303-86-2 1317-36-8 7439-92-1
REACH Candidate List Substance	Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	782aad7f-4fb0-49fa-824c-0a93e99b09d0
SCIP notification number (Belgium)	0ef2de56-82ce-4989-a9a8-a2334f585e4e
SCIP notification number (Bulgaria)	e9f5fce0-9cba-47e0-9af9-66d9c4e85195
SCIP notification number (Czech Republic)	88b81ec5-8c85-4f4e-8b59-69604c86fd5c
SCIP notification number (Denmark)	06cdfd7e-ac4d-4e10-8637-cf978dd02987
SCIP notification number (Finland)	55444772-4c91-416b-92e4-c497affabaa
SCIP notification number (France)	d7c55103-70d1-40cb-81d9-0dd32108d103
SCIP notification number (Germany)	ac0d6e7b-3595-40fc-ad11-ed2b2d40797e
SCIP notification number (Hungary)	91b9e00d-0af4-4977-ab7b-e320d944267d
SCIP notification number (Italy)	3b9977ba-893b-4df0-a7fa-0441a6ed3809
SCIP notification number (Netherlands)	e0d1d733-3c2e-4425-b7a0-037741c2fe6a
SCIP notification number (Poland)	01af622a-b069-4742-b90e-572880aeb645
SCIP notification number (Romania)	f61e2d9f-d7cc-47cb-a761-fef8ee5319f7
SCIP notification number (Sweden)	1647cbcc-dbe0-4c40-abab-de8dc8fcd37f