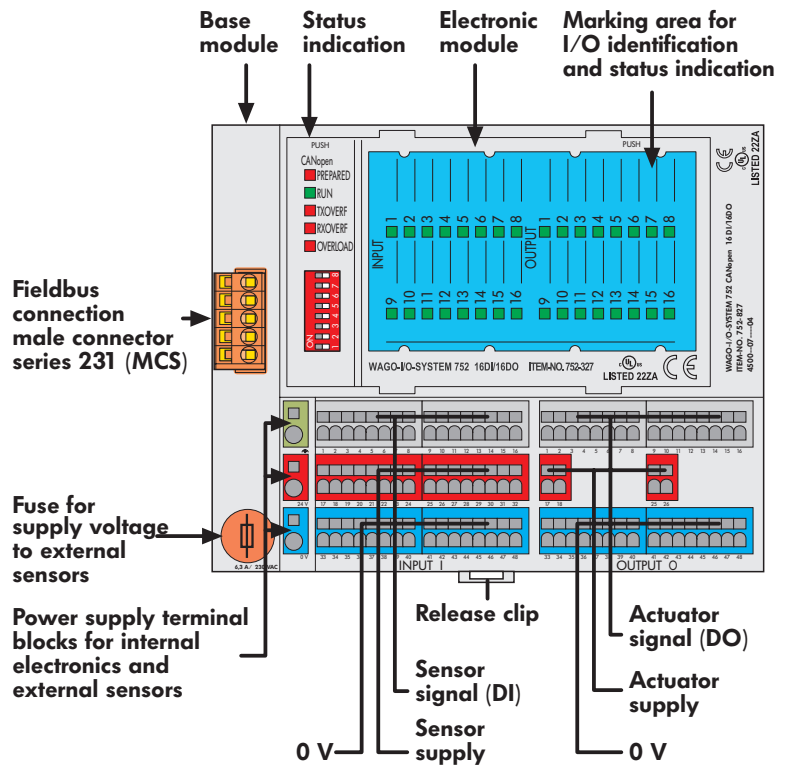
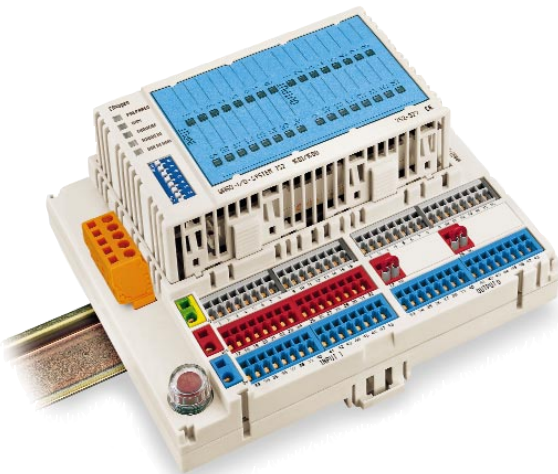


CANopen with MULTI CONNECTION SYSTEM

I/O module; 10 kBaud ... 1 MBaud; digital signals



The WAGO I/O SYSTEM 752 for CANopen is part of the range of WAGO compact fieldbus nodes for decentralized automation. It has a fixed number of digital inputs (DI) and digital outputs (DO) and transfers the signals via CANopen to a supervisory control. Several variations are available.

A fieldbus node consists of

- base module and
- pluggable electronic module.

The base module allows pre-wiring of the fieldbus and sensor/actuator connections. The electronic module incorporates the electronics and is plugged onto the base module. An electronic module can be replaced without interfering with the field wiring.

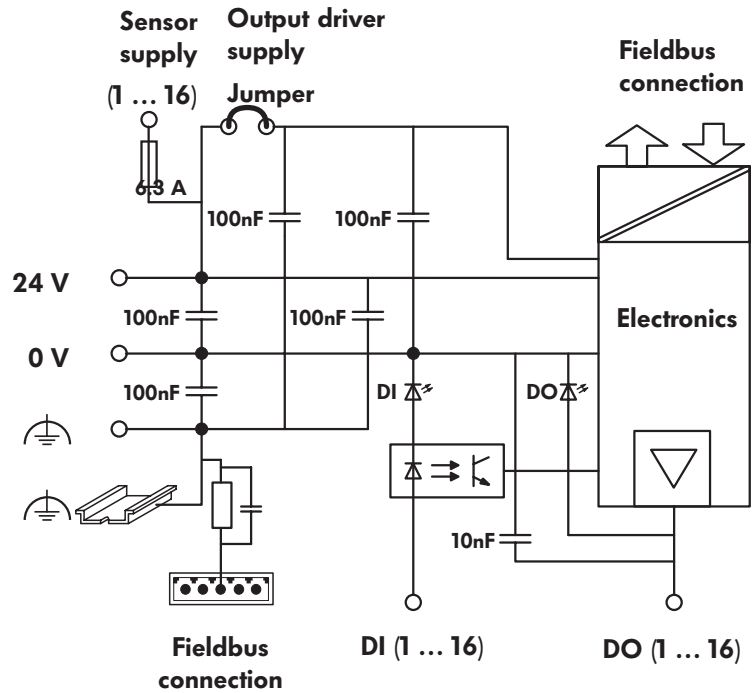
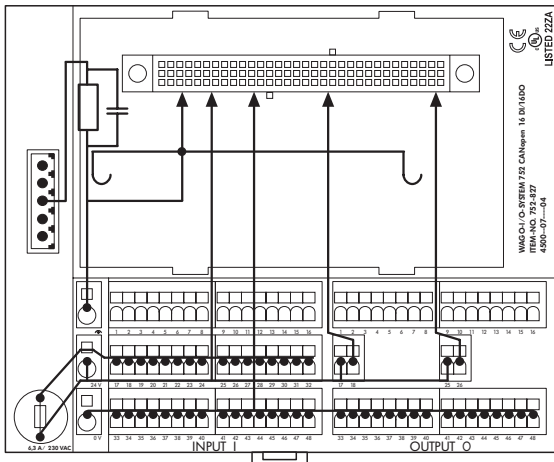
The WAGO CAGE CLAMP® connection is utilized for both the power supply to the electronic module and field terminals for the sensors and actuators.

Power supply terminals can each supply 8 digital output circuits, as an example, to establish safety circuits.

The power supply to the sensors is protected by a fuse.

Note: EDS files required

Description		Item-No.	Pack.-unit pcs
CANopen Electronic Module 16DI/16DO		752-327	1
CANopen Base Module MSS 16DI/16DO		752-827	1
Approvals		System Data	
E 175199, UL508 Conformity marking CE		Transmission medium shielded Cu cable 3 x 0.25 mm ² Max. length of bus line 40 m ... 1000 m (depends on baud rate / on the cable)	
		Baud rate	10 kbaud ... 1 Mbaud
		Buscoupler connection	5-pole male connector, series 231 (MCS) connector 231-305/010-000/050-000 is included
Accessories		Local diagnostics	
EDS file	Download: www.wago.com	- status indication 1	LED PREPARED (red)
Marking	page 2.14	- status indication 2	LED RUN (green)
		- output buffer status	LED TXOVERF (red)
		- input buffer status	LED RXOVERF (red)
		- overload indication	LED OVERLOAD (red)



Technical Data			
General specifications		Inputs	
Number of PDOs	2 Tx / 2 Rx	Number of inputs	16
Number of SDOs	1 Server SDO	Input	in accordance with EN 61 131-2, type 1
Communication profile	DS-301 V3.0	Wire connection	3 wires
Device profile	DS-401	Max. input voltage	DC 24 V (-15% ... +20%)
COB ID Distribution	SDO, Standard	Signal voltage (0)	DC -3 V ... +5 V
Node ID Distribution	DIP switch	Signal voltage (1)	DC 15 V ... 30 V
Other CANopen features	NMT Slave	Time constant	3 ms
	Minimum Boot-up	Isolation electronics / field side	none
	Variable PDO Mapping	Fuse	TR 5; T 6.3 A
	Emergency Message		Use UL Recognized fuses only!
	Life Guarding		
Supply voltage	DC 24 V (-15% ... +20%)	Outputs	
Current consumption (no load connected)	< 150 mA at 24 V	Number of outputs	16
Operating temperature	0°C ... +55°C	Rated voltage	DC 24 V (-15% ... +20%)
Isolation	between fieldbus and internal electronics	Rated current	
Wire connection		- max. per output	500 mA
- power supply		- max. per group	4 A
(main incoming supply)	CAGE CLAMP® 0.08 mm ² ... 2.5 mm ²	- max. per module	8 A
	AWG 28 ... 12	Leakage current	< 2 mA
- sensors, actuators	CAGE CLAMP® 0.08 mm ² ... 1.5 mm ²	Short circuit protection	electronic, automatic restart
	AWG 28 ... 16	Max. operating frequency	
- power supply for actuators		(without bus)	
(8 circuit group)	CAGE CLAMP® 0.08 mm ² ... 1.5 mm ²	- resistive load	1 kHz
	AWG 28 ... 16	- inductive load	6 Hz (utilization category DC 13)
Degree of protection	IP 20	Isolation electronics / field side	none
Dimensions (mm) W x H x L	155 x 59.8* x 128.7	Diagnostics	short circuit indication via LED (OVERLOAD) for the entire module; message via bus for every output
	* from upper edge of the rail	Power supply	Main incoming supply: via supply terminals 24 V, 0 V, ⚡
Fixing	snap mounting onto TS 35 DIN carrier rail		Circuit groups: via supply terminals for 8 outputs
Fitting position	vertical and horizontal		
Weight	approx. 500 g		
Reverse voltage protection	yes		
Status indication	by LED		