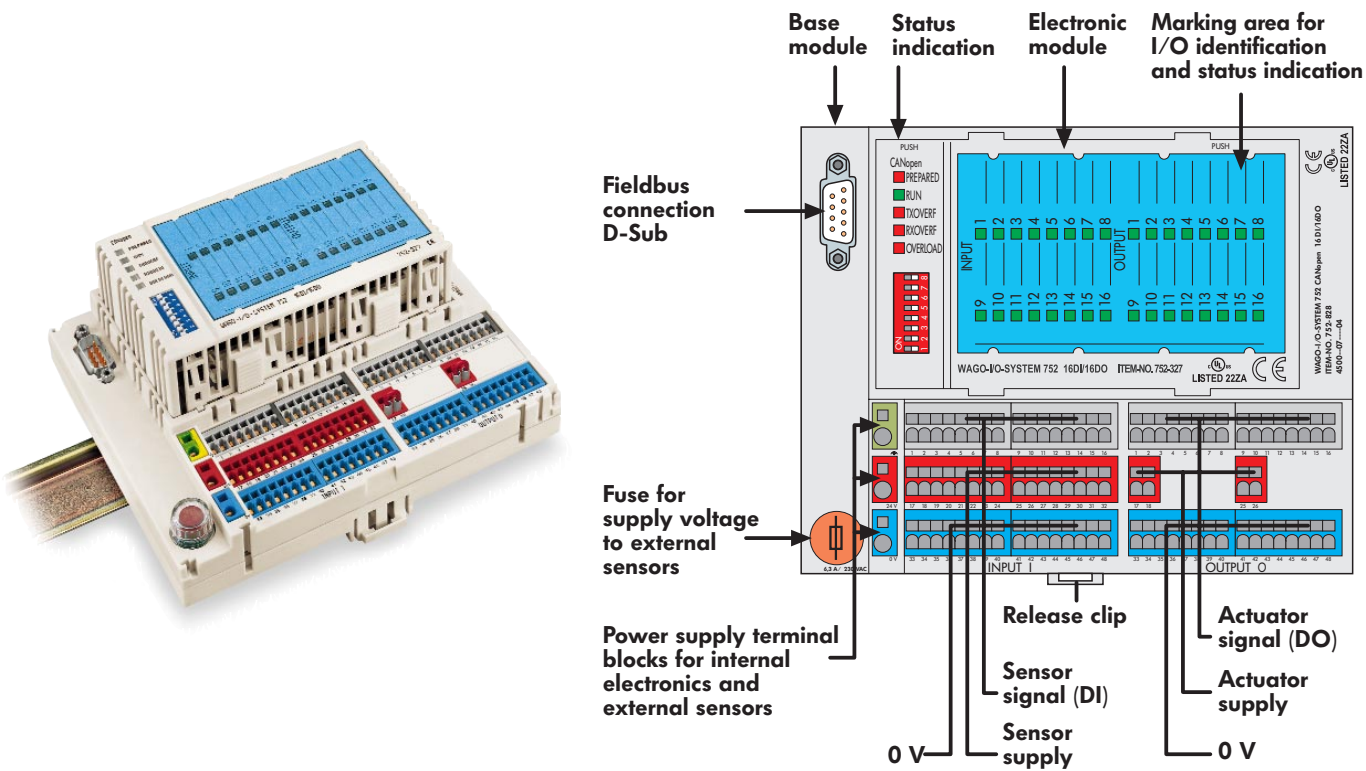


CANopen with D-SUB connector I/O module; 10 kbaud ... 1 Mbaud; digital signals



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.

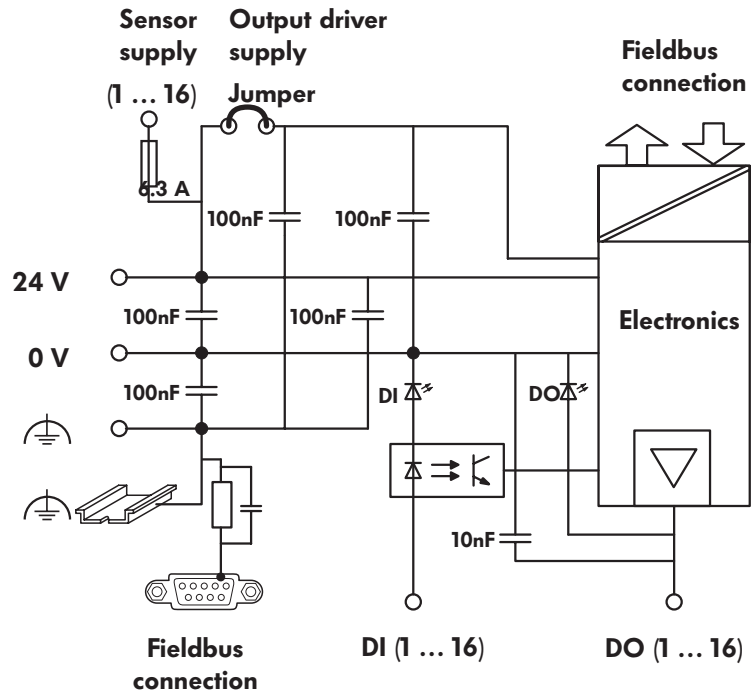
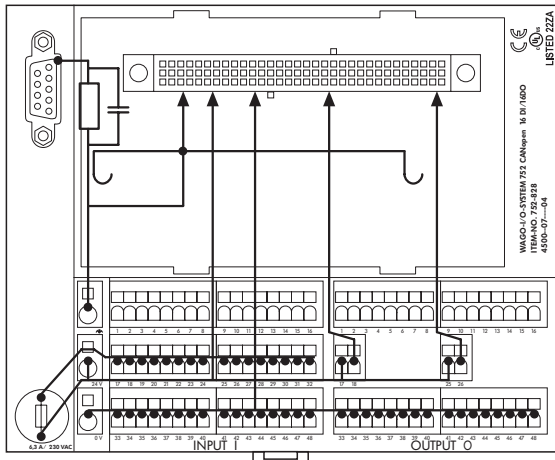
The WAGO CAGE CLAMP® connection is utilized for both the power supply to the electronic module and field terminals for the sensors and actuators.

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 D-Sub 16DI/16DO	752-828	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 1 x D-Sub 9; plug Local diagnostics	
Accessories		
EDS files	Download: www.wago.com	
Marking	page 2.14	
	- status indication 1 LED PREPARED (red) - 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	
Fieldbus		Number of inputs	16
Number of PDOs	2 Tx / 2 Rx	Input	in accordance with EN 61 131-2, type 1
Number of SDOs	1 Server SDO	Wire connection	3 wires
Communication profile	DS-301 V3.0	Max. input voltage	DC 24 V (-15% ... +20%)
Device profile	DS-401	Signal voltage (0)	DC -3 V ... +5 V
COB ID Distribution	SDO, Standard	Signal voltage (1)	DC 15 V ... 30 V
Node ID Distribution	DIP switch	Time constant	3 ms
Other CANopen features	NMT Slave	Isolation electronics / field side	none
	Minimum Boot-up	Fuse	TR 5; T 6.3 A
	Variable PDO Mapping		Use UL Recognized fuses only!
	Emergency Message		
	Life Guarding		
Supply voltage	DC 24 V (-15% ... +20%)	Outputs	
Current consumption		Number of outputs	16
(no load connected)	< 150 mA at 24 V	Rated voltage	DC 24 V (-15% ... +20%)
Operating temperature	0°C ... +55°C	Rated current	
Isolation	between fieldbus and internal electronics	- max. per output	500 mA
Wire connection		- max. per group	4 A
- power supply		- max. per module	8 A
(main incoming supply)	CAGE CLAMP® 0.08 mm ² ... 2.5 mm ²	Leakage current	< 2 mA
	AWG 28 ... 12	Short circuit protection	electronic, automatic restart
- sensors, actuators	CAGE CLAMP® 0.08 mm ² ... 1.5 mm ²	Max. operating frequency	
	AWG 28 ... 16	(without bus)	
- power supply for actuators		- resistive load	1 kHz
(8 circuit group)	CAGE CLAMP® 0.08 mm ² ... 1.5 mm ²	- inductive load	6 Hz (utilization category DC 13)
	AWG 28 ... 16	Isolation electronics / field side	none
Degree of protection	IP 20	Diagnostics	short circuit indication via LED (OVERLOAD)
Dimensions (mm) W x H x L	155 x 59.8* x 128.7		for the entire module;
	* from upper edge of the rail		message via bus for every output
Fixing	snap mounting onto TS 35 DIN carrier rail	Power supply	Main incoming supply: via supply terminals
Fitting position	vertical and horizontal		24 V, 0 V, ⚡
Weight	approx. 500 g		Circuit groups: via supply terminals for 8 outputs
Reverse voltage protection	yes		
Status indication	by LED		