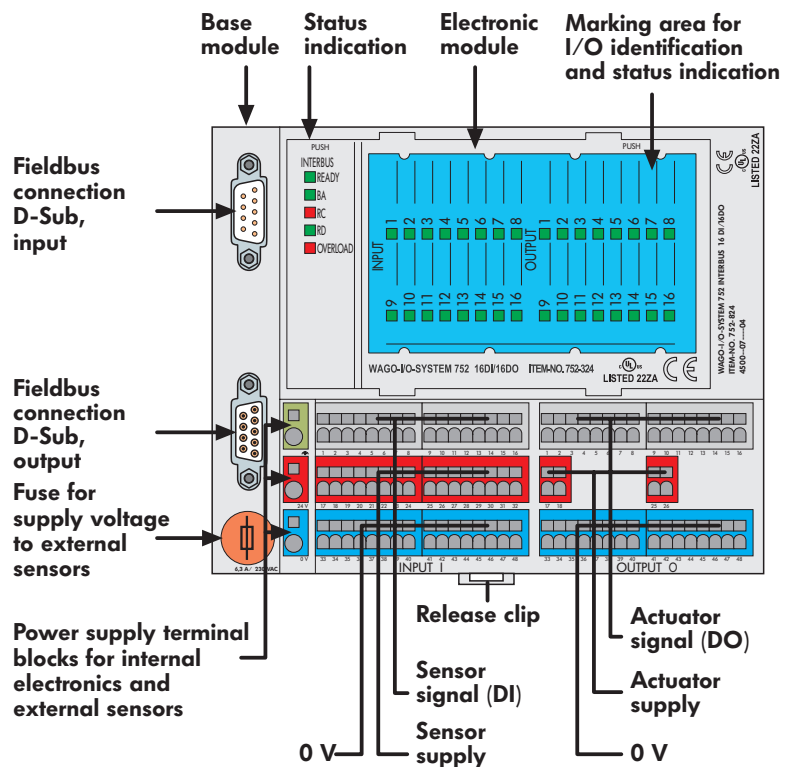
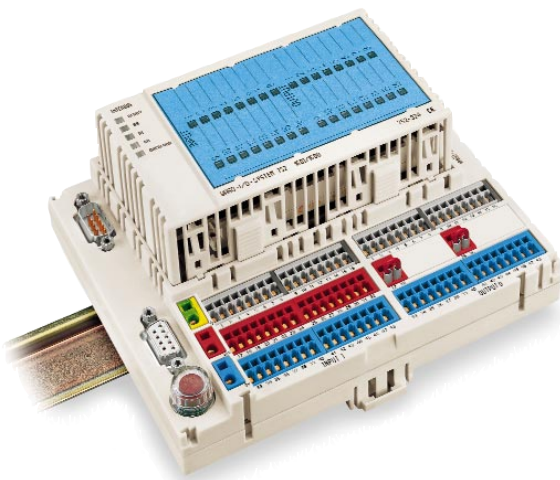


# INTERBUS

I/O module; EN 50 254; digital signals



The WAGO I/O SYSTEM 752 for INTERBUS 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 INTERBUS to a supervisory control. Several variations are available.

A fieldbus node consists of
 

- base module and
- pluggable electronic module.

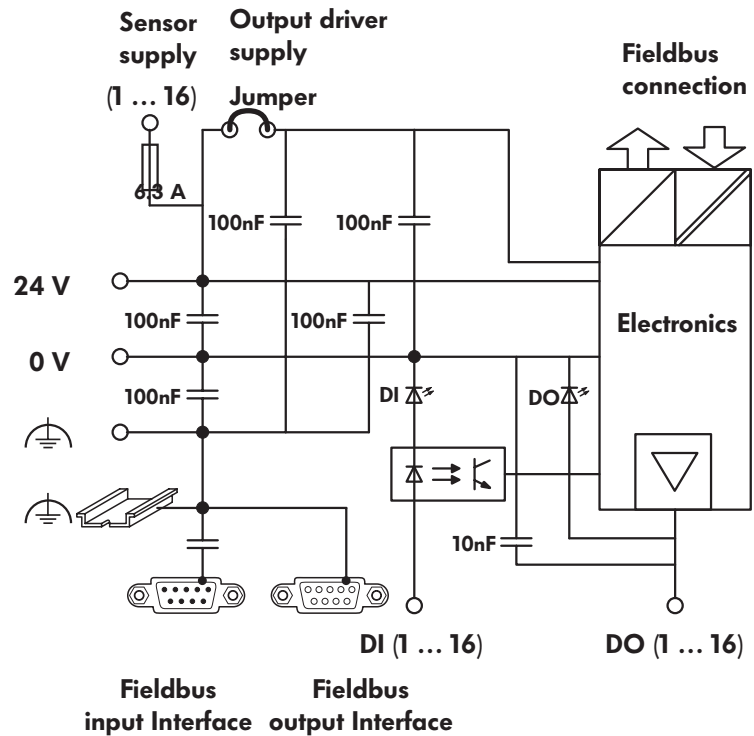
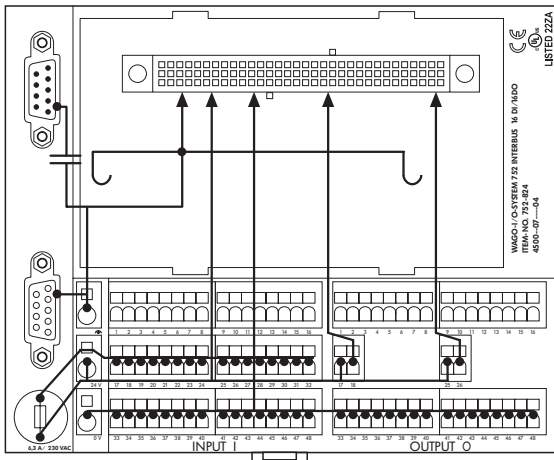
The base module allows pre-wiring of the fieldbus and sensor/actuator connections. The electronic module incorporates the electronics and is plugged onto the base module. An electronic module can be replaced without interfering with the field wiring.

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

Description		Item-No.	Pack.-unit pcs
INTERBUS Electronic Module 16DI/16DO		752-324	1
INTERBUS Base Module 16DI/16DO		752-824	1
Standards and Approvals		System Data	
Standard	EN 50254	Max. no. of nodes	256
UL508	E 175199, UL508	Max. no. of I/O points	4096 (depends on master)
Conformity marking	CE	Transmission medium	certified Cu cable
		Max. length of fieldbus segment	400 m
		Baud rate	500 kbaud
		Buscoupler connection	1 x D-Sub 9; plug for input interface 1 x D-Sub 9, socket for output interface
Accessories		Local diagnostics	
INTERBUS files	Download: <a href="http://www.wago.com">www.wago.com</a>	- status indication	LED READY (green)
Marking	page 2.14	- status remote bus 1	LED BA (green)
		- status remote bus 2	LED RC (green)
		- status remote bus 3	LED RD (red)
		- overload indication	LED OVERLOAD (red)



Technical Data			
<b>General specifications</b>		<b>Outputs</b>	
Supply voltage	DC 24 V (-15 % ... +20 %)	Number of outputs	16
Current consumption (no load connected)	< 100 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 <sup>2</sup> ... 2.5 mm <sup>2</sup>	Leakage current	< 2 mA
	AWG 28 ... 12	Short circuit protection	electronic, automatic restart
- sensors, actuators	CAGE CLAMP® 0.08 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	Max. operating frequency (without bus)	
	AWG 28 ... 16	- resistive load	1 kHz
- power supply for actuators		- inductive load	6 Hz (utilization category DC 13)
(8 circuit group)	CAGE CLAMP® 0.08 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	Isolation electronics / field side	none
	AWG 28 ... 16	Diagnostics	short circuit indication via LED (OVERLOAD) for the entire module; message via bus for groups of 4 outputs
Degree of protection	IP 20	Power supply	Main incoming supply: via supply terminals 24 V, 0 V, $\perp$ Circuit groups: via supply terminals for 8 outputs
Dimensions (mm) W x H x L	155 x 59.8* x 128.7		
Fixing	snap mounting onto TS 35 DIN carrier rail		
Fitting position	vertical and horizontal		
Weight	approx. 500 g		
Reverse voltage protection	yes		
Status indication	by LED		
<b>Inputs</b>			
Number of inputs	16		
Input	in accordance with EN 61131-2, type 1		
Wire connection	3 wires		
Max. input voltage	DC 24 V (-15 % ... +20 %)		
Signal voltage (0)	DC -3 V ... +5 V		
Signal voltage (1)	DC 15 V ... 30 V		
Time constant	3 ms		
Isolation electronics / field side	none		
Fuse	TR 5; T 6.3 A		
	<b>Use UL Recognized fuses only!</b>		