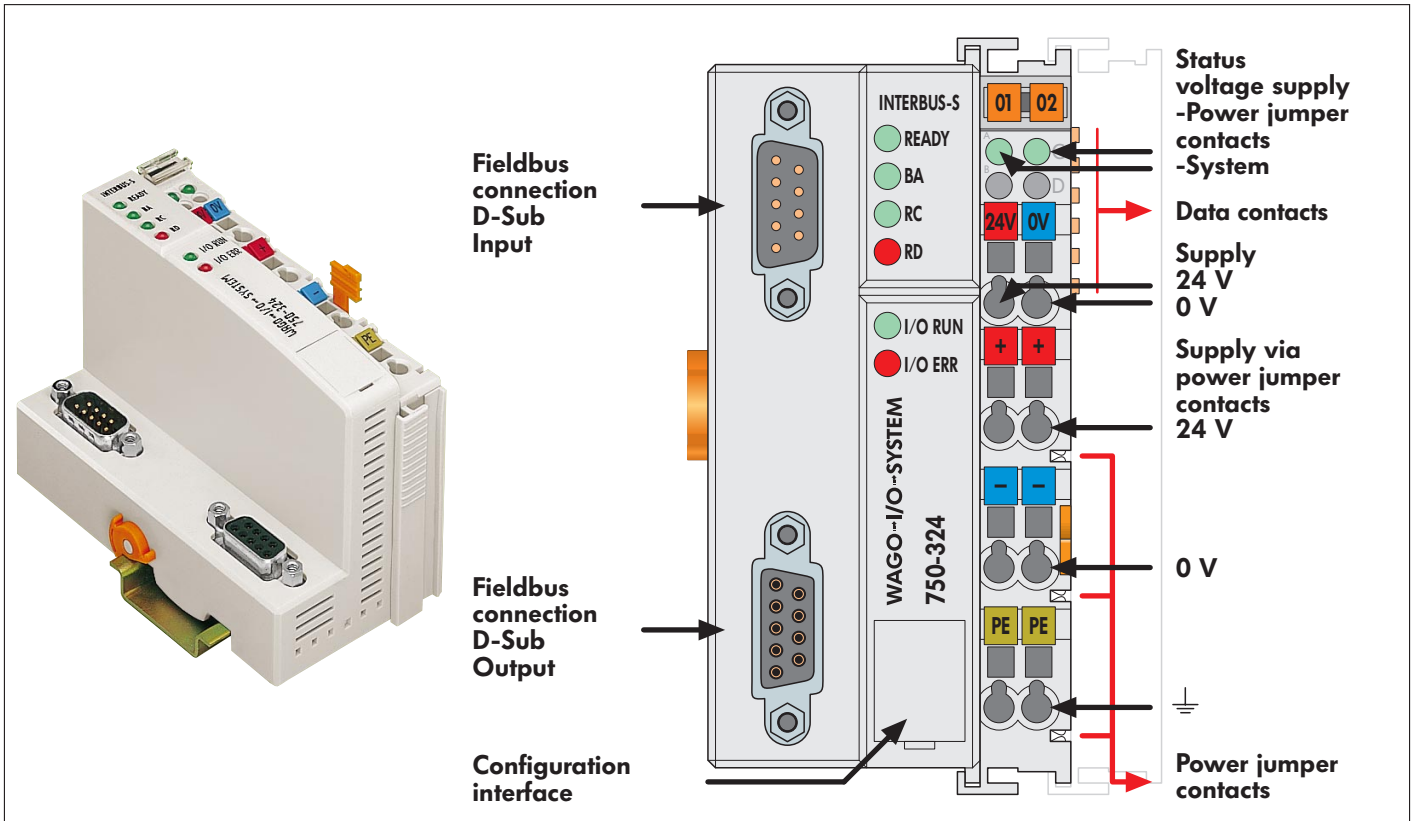
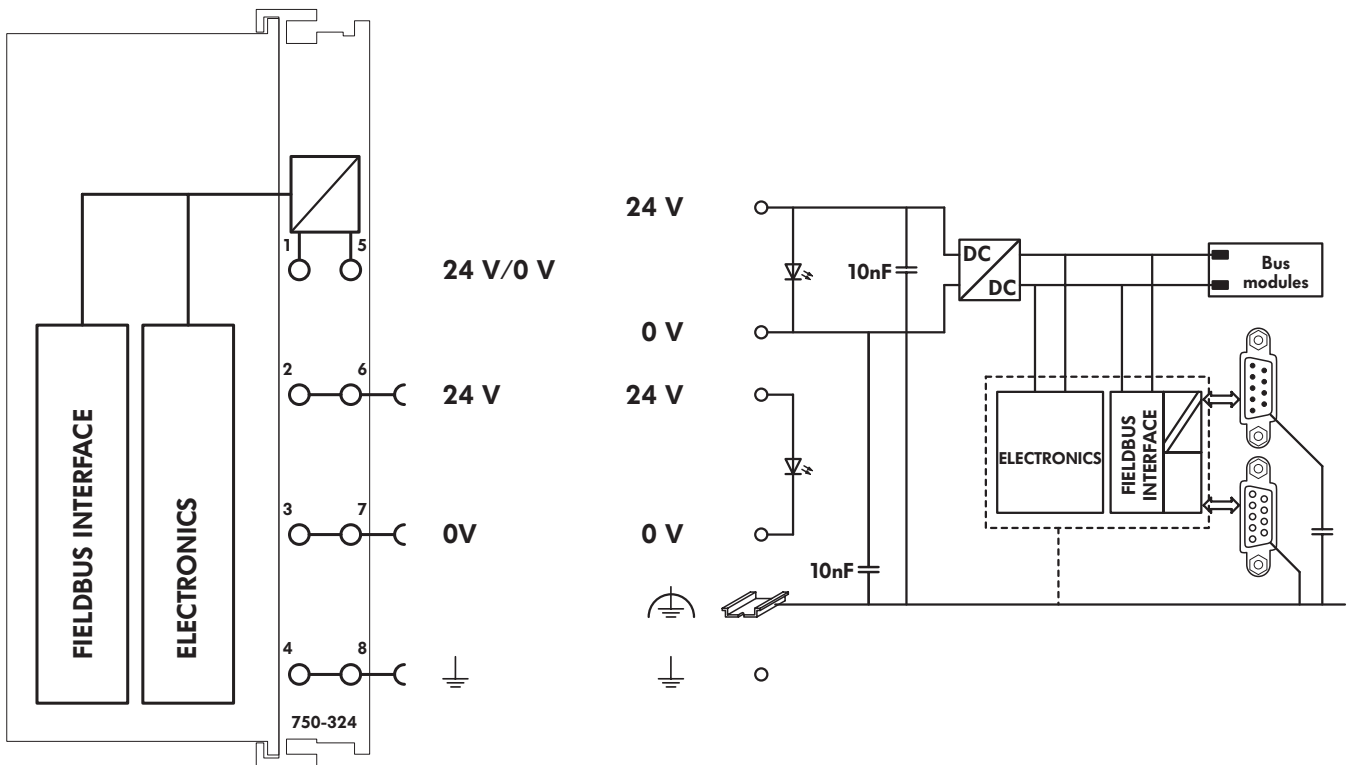


**INTERBUS**  
**Fieldbus Coupler; EN 50254; 500 kbaud; digital signals**



Description	Item-No.	Pack.-unit pcs														
INTERBUS/Digital	750-324	1														
<p>This buscoupler allows connection of the WAGO I/O SYSTEM as a slave to the INTERBUS fieldbus.</p> <p>The buscoupler is capable of supporting all digital bus modules and automatically configures, creating a local process image.</p> <p>INTERBUS allows the storing of the process image in the corresponding Master control (PLC, PC or NC).</p> <p>The local process image is divided into two data zones containing the data received and the data to be sent. The process data can be sent via the INTERBUS fieldbus to the PLC, PC or NC for further processing, and received from the field via INTERBUS.</p> <p>The data of the modules is stored in the process image which is created automatically according to the order in which the modules are connected to the buscoupler. The bits of the digital modules are sent byte by byte. If the amount of digital information exceeds 8 bits, the buscoupler automatically starts with a new byte.</p>	<p><b>System Data</b></p> <table border="1"> <tr><td>Max. no. of nodes</td><td>256</td></tr> <tr><td>Max. no. of I/O points</td><td>4096 (depends on master)</td></tr> <tr><td>Transmission medium</td><td>certified Cu cable</td></tr> <tr><td>Max. length of fieldbus segment</td><td>400 m</td></tr> <tr><td>Baud rate</td><td>500 kbaud</td></tr> <tr><td>Transmission time</td><td>typ. 1.43 ms (10 nodes; 32 Is, 32 Os per node)</td></tr> <tr><td>Buscoupler connection</td><td>1 x D-SUB 9; plug for input interface 1 x D-SUB 9; socket for output interface</td></tr> </table>		Max. no. of nodes	256	Max. no. of I/O points	4096 (depends on master)	Transmission medium	certified Cu cable	Max. length of fieldbus segment	400 m	Baud rate	500 kbaud	Transmission time	typ. 1.43 ms (10 nodes; 32 Is, 32 Os per node)	Buscoupler connection	1 x D-SUB 9; plug for input interface 1 x D-SUB 9; socket for output interface
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**Technical Data**

Max. no. of I/O modules	64
Fieldbus	
Input process image	max. 32 bytes
Output process image	max. 32 bytes
Configuration	via PC or PLC
Voltage supply	DC 24 V (-15 % ... +20 %)
Input current <sub>max</sub>	500 mA at 24 V
Efficiency of the power supply	87 %
Internal current consumption	300 mA at 5 V <sup>1)</sup>
Total current for I/O modules	1700 mA at 5 V <sup>2)</sup>
Isolation	500 V system / supply
Voltage via power jumper contacts <sub>max.</sub>	DC 24 V (-15 % ... +20 %)
Current via power jumper contacts <sub>max.</sub>	DC 10 A
Operating temperature	0 °C ... +55 °C
Wire connection	CAGE CLAMP®
	0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	AWG 28 ... 14
	8 ... 9 mm / 0.33 in stripped length
Dimensions (mm) W x H x L	51 x 65* x 100
	* from upper edge of DIN 35 rail
Weight	ca 200 g
Storage temperature	-25 °C ... +85 °C
Relative air humidity	95 % no condensation
Vibration and shock resistance	acc. to IEC 60068-2-6
Degree of protection	IP 20
EMC	
Immunity to interference	acc. to EN 50082-2 (96)
Emission of interference	acc. to EN 50081-2 (94)

<sup>1)</sup> as from version 0101, previous versions 450 mA

<sup>2)</sup> as from version 0101, previous versions 1550 mA