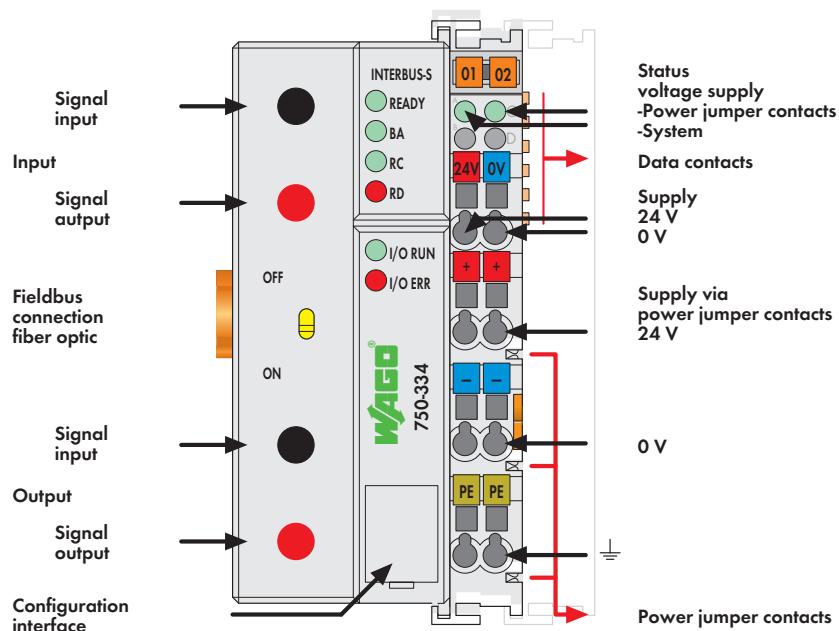


INTERBUS Fieldbus Coupler

digital and analog signals; fiber optics



This buscoupler connects the WAGO-I/O-SYSTEM as a slave to the INTERBUS fieldbus.

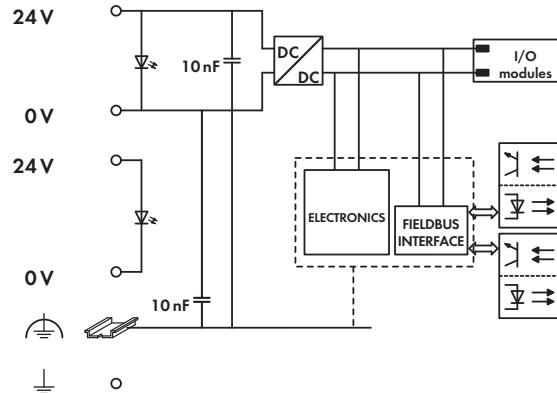
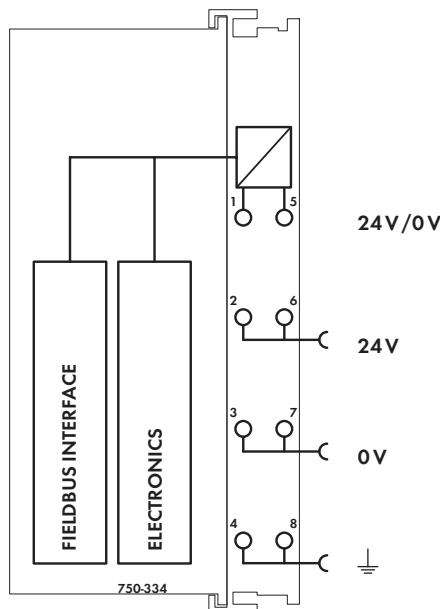
The buscoupler automatically configures, creating a local process image which may include analog, digital or specialty modules. Analog and specialty module data is sent via words and/or bytes, digital data is sent bit by bit.

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.

The data of the analog 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 and added to the analog data. If the amount of digital information exceeds 8 bits, the buscoupler automatically starts with a new byte.

The fiber optic INTERBUS coupler can be put in any place on the ring.

Description	Item No.	Pack. Unit
INTERBUS 500 kBd / Opt. Fiber	750-334	1
Product discontinuation	Last call: 01.03.2018	
Accessories	Item No.	Pack. Unit
INTERBUS files	Download: www.wago.com	
Miniature WSB Quick marking system		
		
plain	248-501	5
with marking	see Section 11	
Standards and Approvals		
Standard	EN 50254	
Certification	INTERBUS CLUB	
Conformity marking	CE	
Korea Certification	KC	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
TÜV 12.1297 X (Brazil)	Ex nA IIC T4 Gc	
DEKRA 11 ATEX 0203 X	II 3 G Ex nA II T4	



Technical Data		General Specifications	
Number of I/O modules	64	Operating temperature	0 °C ... +55 °C
Max. input process image	64 bytes	Wire connection	CAGE CLAMP®
Max. output process image	64 bytes	Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Configuration	via PC or PLC	Strip lengths	8 ... 9 mm / 0.33 in
Power supply	24 V DC (-15 % ... +20 %)	Dimensions (mm) W x H x L	51 x 65 x 100
Max. input current (24 V)	500 mA	Height from upper-edge of DIN 35 rail	
Power supply efficiency	87 %	Weight	189.8 g
Internal current consumption (5 V)	350 mA	Storage temperature	-25 °C ... +85 °C
Total current for I/O modules (5 V)	1650 mA	Relative air humidity (no condensation)	95 %
Isolation	500 V system/supply	Vibration resistance	acc. to IEC 60068-2-6
Voltage via power jumper contacts	24 V DC (-15 % ... +20 %)	Shock resistance	acc. to IEC 60068-2-27
Current via power jumper contacts (max.)	10 A DC	Degree of protection	IP20
		EMC immunity of interference	acc. to EN 61000-6-2
		EMC emission of interference	acc. to EN 61000-6-4
Switch			
OFF	Fieldbus coupler is the last fieldbus device		
ON	Output fieldbus interface is active		