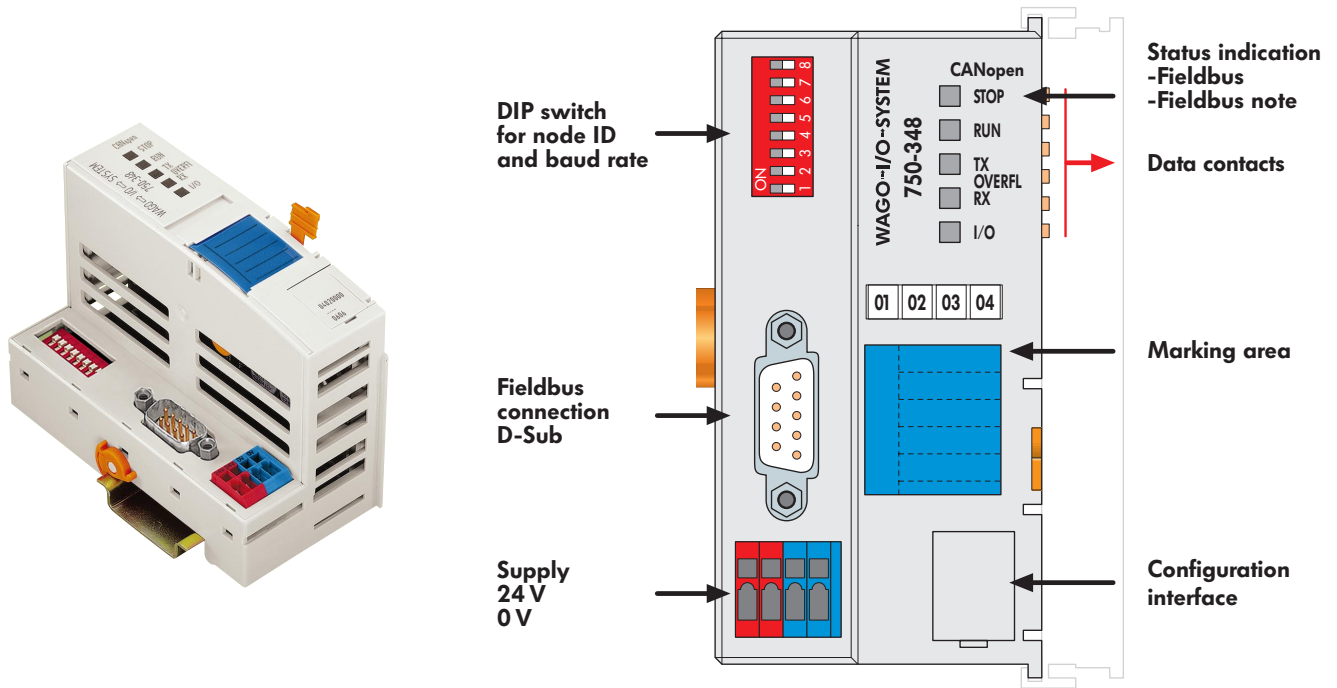


CANopen
ECO Fieldbus Coupler D-SUB; 10 kbaud - 1 Mbaud; digital and analog signals



The ECO fieldbus coupler is designed for applications with a reduced scale I/O requirement. Using digital only process data or small amounts of analogs, while retaining all of the choice that's offered by the Series 750 I/O.

The coupler has an integrated supply terminal for the system voltage. The field power jumper contacts are supplied via a separate supply module.

The CANopen bus coupler is capable of supporting all I/O modules and automatically configures, creating a local process image.

CANopen allows the storing of the process image in the corresponding Master control (PLC, PC or NC). 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 CANopen fieldbus to the PLC, PC or NC for further processing, and received from the field via CANopen.

The data of the analog modules is stored in the PDOs according to the order in which the modules are connected to the bus-coupler. The bits of the digital modules are sent byte by byte and also mapped in the PDOs. If the amount of digital information exceeds 8 bits, the buscoupler automatically starts with a new byte.

All entries of the object dictionary can be mapped - as the user likes - in the 5 Rx PDOs and 5 Tx PDOs. The complete input and output process image can be transmitted using SDOs.

Note: EDS files required

Description	Item-No.	Pack.-unit pcs	System Data	
ECO CANopen	750-348	1	No. of nodes	110
			Transmission medium	shielded Cu cable 3 x 0.25 mm ²
			Max. length of bus line	30 m ... 1000 m (depends on the baud rate / on the cable)
			Baud rate	10 kbaud ... 1 Mbaud
			Buscoupler connection	1 x D-SUB 9; plug

