



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

DeviceNet™ 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 DeviceNet™ fieldbus to the PLC, PC or NC for further processing, and received from the field via DeviceNet™.

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.

Note: EDS files required

Description	Item-No.	Pack.-unit pcs	System Data	
ECO DeviceNet, w/status byte	750-346	1	Max. no. of nodes	64 with scanner
			Max. no. of I/O points	ca 6000 (depends on master)
			Transmission medium	shielded Cu cable, trunk line: AWG 15, 18 (2 x 0.82 mm ² + 2 x 1.7 mm ²) drop line: AWG 22, 24 (2 x 0.2 mm ² + 2 x 0.32 mm ²)
			Max. length of bus line	100 m ... 500 m (depends on the baud rate / on the cable)
			Baud rate	125 kbaud, 250 kbaud, 500 kbaud
			Buscoupler connection	5-pole male connector, series 231 (MCS), female connector 231-305/010-000/050-000 is included

