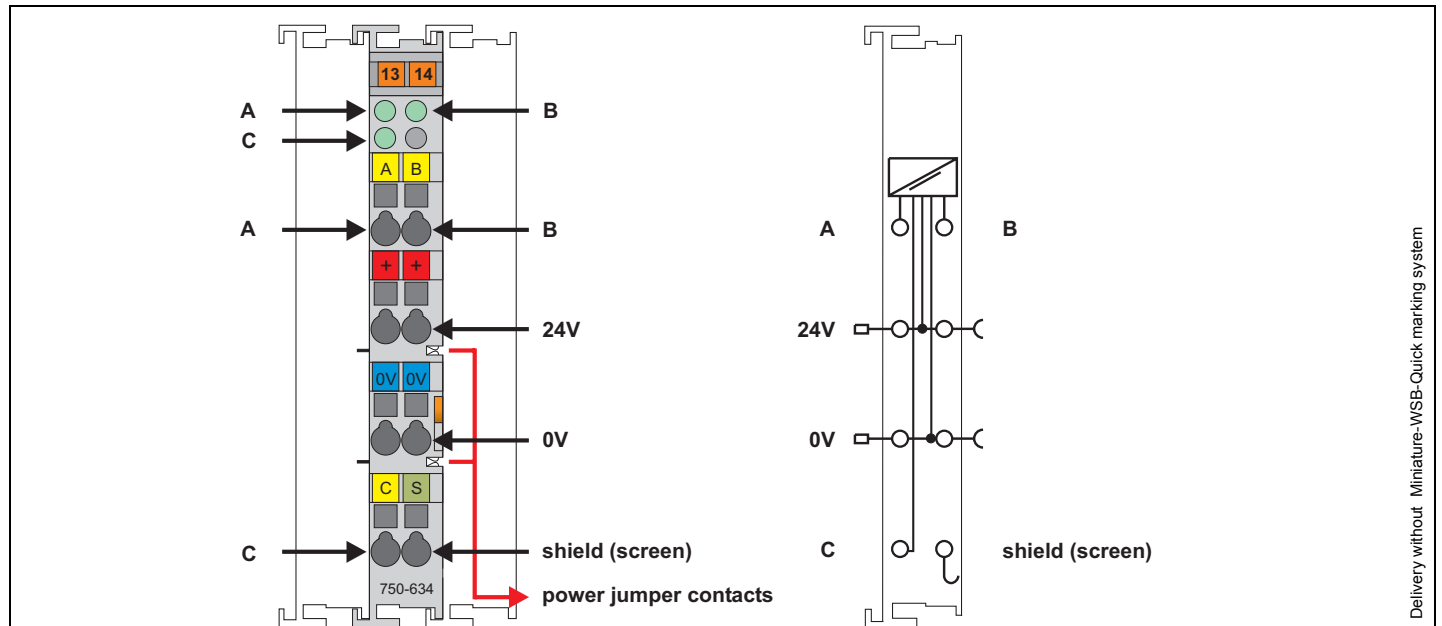


Incremental Encoder Interface

1/1

Data Sheet



Delivery without Miniature-WSB-Quick marking system

Description	Item-No.	Pack.-unit pcs.	
Incremental Encoder Interface	750-634	1	
The I/O module is an interface for the direct connection of any 24 V incremental encoders. A 16-bit counter with quadrature decoder and a 16-bit latch for the zero pulse can be read, set or activated. The counter status is transferred rapidly and insusceptible to faults to a PC, a PLC or a CNC via the fieldbus. A period measurement with a resolution of 200 ns is possible. Field and system level are electrical isolated. All I/O-modules are independent of the fieldbus and automatically connected to the next module when snapped onto the DIN rail. To improve the electromagnetic compatibility (EMC) ground (earth) the DIN rail. Further information on system data and general conditions is available in the catalogue W3 band 3	Technical Data		
	Sensor connection	A, B, C	
	Sensor operating voltage	DC 24 V	
	Counter	16 bits binary	
	Cut off frequency	1 MHz	
	Quadrature decoder	4 time evaluation	
	Zero pulse latch	16 bit	
	Commands	read, set, activate	
	Supply voltage	DC 24 V (-15 % / +20 %)	
	Current consumption _{max.}		
	internal	50 mA	
	power contacts	0 mA (without sensor load)	
	Insulation	500 V (system / supply)	
	Bit width	2 x 16 bits data 1 x 8 bits control/status 1 x 8 bits reserved	
	Operating temperature	0 °C ... + 55 °C	
	Wire connection	CAGE CLAMP®; 0,08 mm² - 2,5 mm² AWG 28 – 14 8 – 9 mm stripped length	
	Dimensions (mm) W x H x L	12 x 64* x 100 * from upper edge of DIN 35 rail	
	Weight	approx. 60 g	
	Storage temperature	-25 °C ... + 85 °C	
	Relative air humidity	95 % no condensation	
	Vibration and shock resistance	acc. to IEC 60068-2-6 acc. to IEC 60068-2-27	
	Degree of protection	IP 20	
	EMC		
	Immunity to interference	acc. to EN 50082-2 (95)	
	Emission of interference	acc. to EN 50081-2 (94)	