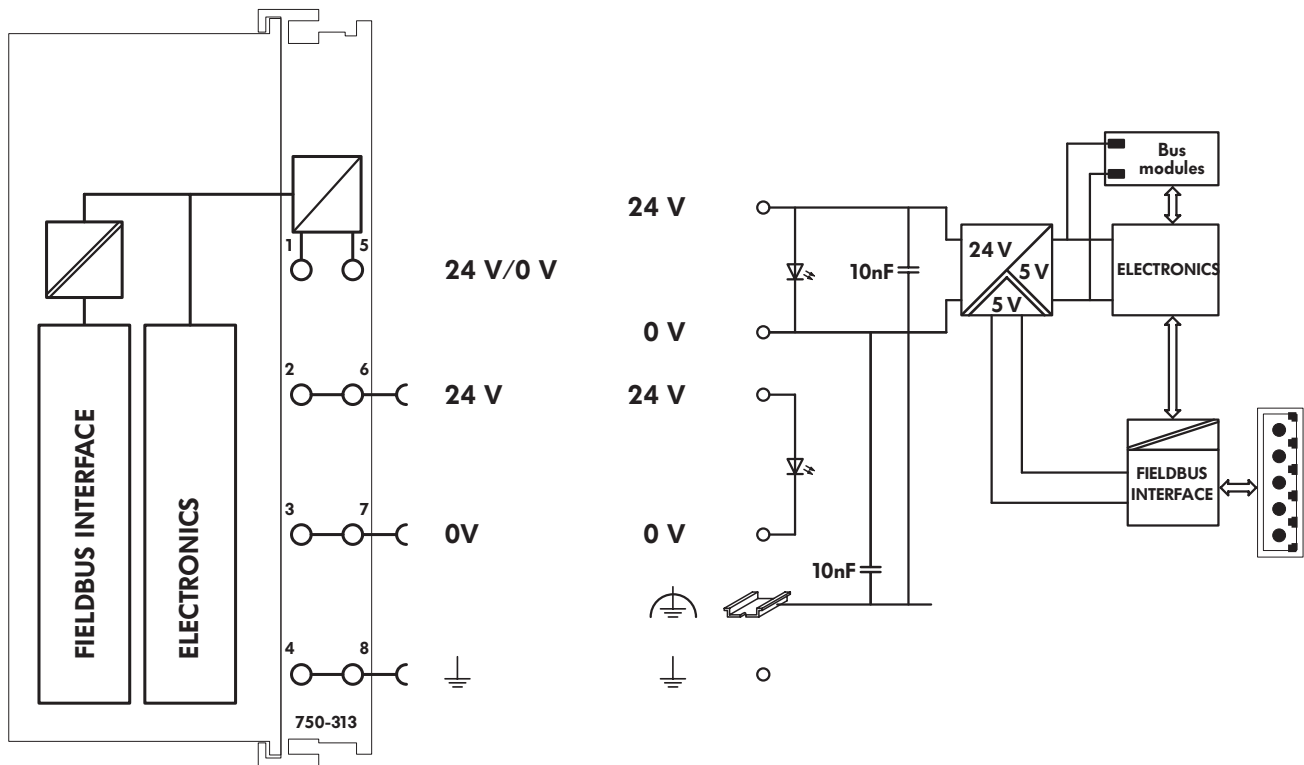


Description	Item-No.	Pack.-unit pcs												
SDS	750-313	1												
<p>This buscoupler allows connection of the WAGO I/O SYSTEM as a slave to the SDS fieldbus. The buscoupler is capable of supporting all bus modules. The buscoupler automatically configures, creating a local process image which 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. SDS allows the storing of the process image in the corresponding Master control (PLC, PC or NC). For every analog channel or every digital group of 32 bits a logic device with an Object Model and a separate SDS address will be stored in the buscoupler. This Object Model is adapted to the module functionality. The data of the module channels can be accessed via the logic devices. 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.</p>														
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**Technical Data**

Max. no. of I/O modules	64
Fieldbus	
Input process image	max. 512 bytes
Output process image	max. 512 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	350 mA at 5 V
Total current for I/O modules	1650 mA at 5 V
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 180 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)