



Technical Data		General specifications	
Max. no. of I/O modules	64	Operating temperature	0 °C ... +55 °C
Fieldbus		Wire connection CAGE CLAMP®	0.08 mm ² ... 1.5 mm ² , AWG 28 ... 14 ¹⁾
-Input process image	max. 32 bytes		5 ... 6 mm stripped length
-Output process image	max. 32 bytes	Dimensions (mm) W x H x L	50 x 65* x 97
No. of PDOs	5 Tx / 5 Rx		* from upper edge of DIN 35 rail
No. of SDOs	1 server SDO	Weight	ca 120 g
Communication profile	DS-301 V4.1	Storage temperature	-25 °C ... +85 °C
Device profile	DS-401 V2.0	Relative air humidity	95 % no condensation
	Programmable error response	Vibration and shock resistance	acc. to IEC 60068-2-6
COB ID Distribution	SDO, standard	Degree of protection	acc. to IEC 60068-2-27
Node ID Distribution	DIP switches	EMC CE -Immunity to interference	IP 20
Other CANopen features	NMT Slave	EMC CE -Emission of interference	acc. to EN 50082-2 (1996)
	Minimum Boot-up		acc. to EN 50081-2 (1994)
	Variable PDO Mapping		
	Emergency Message		
	Life Guarding		
Configuration	via PC or PLC		
Voltage supply	DC 24 V (-15% ... +20%)		
Input current <i>I_{typ}</i> at nominal load	260 mA at 24 V		
Efficiency of the power supply <i>I_{typ}</i> at nominal load	80 %		
Internal current consumption	350 mA at 5 V		
Total current for I/O modules	650 mA at 5 V		
		¹⁾ AWG 12/14 : THHN, THWN	
		Approvals	
			see pages 1.10 ... 1.13
			II 3 GD EEx nA II T4, Class I Div2 ABCD T4A
		Conformity marking	CE
		Accessories	
	Item-No.	Pack.-unit pcs	
EDS files	Download: www.wago.com		
Miniature WSB quick marking system			
	plain	248-501	5
	with marking	see pages 1.174 ... 1.175	