



Technical Data		General Specifications	
Number of I/O modules	64	Operating temperature	0 °C ... +55 °C
Fieldbus			-20 °C ... +60 °C
Max. input process image	512 bytes	Wire connection	CAGE CLAMP®
Max. output process image	512 bytes	Cross sections	0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14
Configuration	via PC or PLC	Stripped lengths	8 ... 9 mm / 0.33 in
No. of PDOs	32 Tx / 32 Rx	Dimensions (mm) W x H x L	51 x 65 x 100
No. of SDOs	2 server SDOs		Height from upper-edge of DIN 35 rail
Communication profile	DS-301 V4.1	Weight	200 g
Device profile	DS 401 V2.0	Storage temperature	-25 °C ... +85 °C
	Marginal check	Relative air humidity (no condensation)	95 %
	Edge-triggered PDOs	Vibration resistance	acc. to IEC 60068-2-6
	Programmable error response	Shock resistance	acc. to IEC 60068-2-27
COB ID distribution	SDO, standard	Degree of protection	IP20
Node ID distribution	DIP switches	EMC: CE - immunity to interference	acc. to EN 61000-6-2 (2005)
Other CANopen features	NMT slave	EMC: CE - emission of interference	acc. to EN 61000-6-4 (2007)
	Minimum boot-up	EMC: marine applications	
	Variable PDO mapping	- immunity to interference	acc. to Germanischer Lloyd (2003)
	Emergency message	EMC: marine applications	
	Life guarding	- emission of interference	acc. to Germanischer Lloyd (2003)
	Configuration of virtual modules		
Power supply	24 V DC (-25 % ... +30 %)		
Max. input current (24 V)	500 mA		
Efficiency of the power supply	87 %		
Internal current consumption (5 V)	350 mA		
Total current for I/O modules (5 V)	1650 mA		
Isolation	500 V system/supply		
Voltage via power jumper contacts	24 V DC (-25 % ... +30 %)		
Current via power jumper contacts (max.)	10 A DC		