

Compact Brushless Drive

SMD400 Series



**COMPACT
SIZE**

Deutsche Qualität

French Touch

China Price

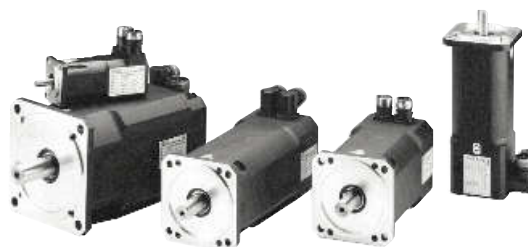


COMMUNICATION



FEEDBACK

- ➔ Absolute Encoder 39 bits
- ➔ EnDAT 2.2 Encoder
- ➔ Biss C Encoder
- ➔ Incremental Encoder
- ➔ Resolver



SAFETY

- ➔ STO Category 4
- ➔ SIL3 / PL e



Features

Power supply	400 V AC $\pm 10\%$ three phases - Soft Start	
Auxiliary power	24 V DC $\pm 10\%$	
EMC Filter	Integrated	
Brake resistor	Brake chopper integrated, External Brake resistor	
Regulation loops	Current loop : 50 μ s, Speed loop : 50 μ s, Position loop : 100 μ s	
Main feedback	Absolute Encoder 39 bits EnDat 2.2 Encoder Biss C Encoder	Resolver Incremental Encoder + hall
Master feedback	Incremental encoder A, /A, B, /B, Z, /Z STEP/DIR	
Communication	USB, RS 485 Modbus RTU Optional : EtherCAT, CANopen, Modbus TCP, PROFINET, Ethernet/IP, POWERLINK	
Digital Inputs / Outputs	6 PNP inputs (2 fast) 1 relay output and 1 static output Optional : Extension module 10 inputs / 8 static outputs 500 mA	
Analogue Input / Output	1 input channel 0..10 V - 12 bits 1 output channel 0..10 V - 12 bits	
Safety	STO category 4 / SIL3 / PL e	
Diagnostic	Status display 7 segments	
Operating modes	Torque, speed or position mode	
Temperatures	Storage -10 to 70°C / Operating -5 to 50°C	

SMD range

	SMD 400 / 04	SMD 400 / 08	SMD 400 / 16
Power supply	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac
Nominal current	4 Arms	8 Arms	16 Arms
Peak current (2s)	8 Arms	16 Arms	32 Arms
Nominal power	2200 VA	4400 VA	8800 VA
Dimensions W x H x D mm	85 x 202 x 134	100 x 202 x 185	110 x 250 x 180
Weight	1.5 kg	2.4 kg	4.3 kg

Codification

Model	Voltage	Current
SMD	400 (3x400 Vac)	04 (In=4A)
		08 (In=8A)
		16 (In=16A)

Options

Additional modules		
EtherCAT	POWERLINK	IO (10 inputs / 8 outputs)
CANopen	EtherNet/IP	
PROFINET	Modbus TCP	