

Power Supply and Drive modul PSAC03030A01

The drive modul with integrated safety function **STO for DC brush motor** consist of power supply and motor control. The single-phase 230 V power supply with active PFC supplies the motor control and external devices with 24 V DC (360 W).

The drive modul can used as safety component according to Machinery Directive 2006/42/EC.



Technical Data

Drive modul (PSAC03030A01)

Conformity

Machinery Directive	2006/42/EC
EMC Directive	2014/30/EU

Safety related parameters

Application STO	SIL3 and Category 3, PL e
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Power Supply (A-PS)

Mains Connection

Input voltage	1 x 230 V AC
Efficiency	> 90 %

DC-Output 24 V

Output voltage	24 V
Max. output current	12 A (7 A for extern)

Motor Control (A-MC)

Supported types of motors

4/8 DC brush motors (4x4Q, 8x2Q)
2 stepper motors

I/O-Interface

1 24V-SI-Input (dual-channel) and STO-Diagnostic contact (single-channel)
10 digital 24V-Inputs
3 analog inputs (-10 V to +10 V (12 bits))

Fieldbus interface

CAN	CANopen DS301 with DSP402
EtherCAT	CoE FoE for Firmware-Update

Engineering interface

USB-Interface	Micro-USB
RS232	D-Sub 9-pin
SD-Card	microSDHC

Dimensions Drive modul

Drive modul	Weight [kg]	Height [mm]	Width [mm]	Depth [mm]
PSAC03030A01	1.28	123	114	125

