

Brushless technology Controller EPOS2P 24/5



The advantages :
PROGRAMMABLE motion controller for EC and DC motors - Can be used to control full systems with one or more axes independently using the program (IEC 61131-3).

Associated products :

- > **Connector**
- EPOS CABLE RS232
- EPOS CABLE SIGNAL
- EPOS KIT CAN
- EPOS KIT START DC
- EPOS KIT START EC
- EPOS2 CABLE USB
- > **Power supply**
- SP-320-24

maxon motor

4 Quadrant(s) - 120 W

Max. power output	120 W
Power supply voltage	11 à 24 V
Peak output current	10 A
Max permanent output	5 A
Maximum motor speed	25 000 tr/min (Sinusoidale)
Programming	IEC 61131-3
Regulation mode	Courant, Vitesse, Position
Operating mode	Entrées / Sorties digitales -
INPUTS:	
Description	6 entrées numériques 24
Analog	2 entrées analogiques
Speed setpoint	0 à +5 VDC
Enable/disable	Oui
Enable/disable	Yes
Electronic braking	Oui
Electronic braking	Yes
Encoder	A,A\,B,B\,I,I\ (max 5MHz)
Monitor output display	Oui
Monitor output display	Yes
Serial link	RS232
CAN link	CANopen DSP301/402

OUTPUTS:
USB connection	Mini-USB
Description	4 sorties numériques 24
Speed image	Oui
Speed image	Yes
Current image	Oui
Current image	Yes
Ready	Oui
Ready	Yes
Fault	Oui
Fault	Yes
Auxiliary voltage	Vcc max. 1300 mA
Hall Effect sensor power	+5 VDC max. 30 mA
Encoder power supply	+5 VDC max. 100 mA
Input/output auxiliary	+5 VDC/ +5 VDC
SETTINGS:	
Motion profile	Accélération, décélération,
Regulation settings	Recherche automatique
Graphic interface display	Courant, Vitesse, Position
Offset	Oui
Offset	Yes
Max speed	Oui
Max speed	Yes
Max permanent current	5 A
Acceleration ramp	Oui
Acceleration ramp	Yes
Max peak current	10 A
Regulator gain	Oui
Regulator gain	Yes

