

Brushless technology Controller ESCON 50/5



The advantages :
 Speed servo-controller for DC and BLDC motors up to 250W - 4 available I/O -
 Reduced dimensions - Controller configurable via USB and graphic interface!
 Supplied without cable!

Associated products :

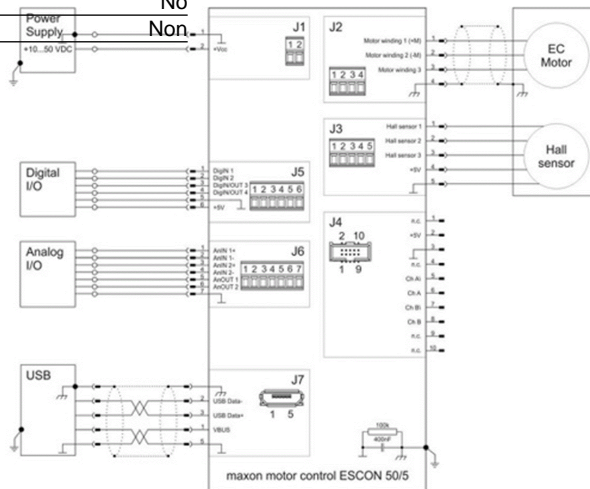
- > Potentiometer
POTENTIOMETRE POT-
- > Power supply
DR-120-24
DRP-240-48
RS-150-24

maxon motor

4 Quadrant(s) - 250 W

Max. power output	250 W
Power supply voltage	10 à 50 V
Peak output current	15 A
Max permanent output	5 A
Maximum motor speed	150 000 tr/min
Programming	No
Programming	Non
Regulation mode	Courant, Vitesse
INPUTS:
Travel limits	No
Travel limits	Non
Analog	2, 12 bit, +/-10V,
Speed setpoint	Pot. ext/int, PWM 53.6KHZ
Permanent current setpoint	5 A
Peak current setpoint	15 A
Enable/disable	Oui
Enable/disable	Yes
Electronic braking	Oui
Electronic braking	Yes
Stop	No
Stop	Non
Direction	Oui
Direction	Yes
Encoder	A, A/, B, B/ - 1MHz
Tacho	Oui
Tacho	Yes
Speed/current regulation	RxI
Serial link	No
Serial link	Non
CAN link	No
CAN link	Non

OUTPUTS:
USB connection	Mini USB
Speed image	Oui
Speed image	Yes
Current image	Oui
Current image	Yes
Ready	Oui
Ready	Yes
Fault	Oui
Fault	Yes
Auxiliary voltage	+5 VDC max. 10 mA
Hall Effect sensor power	+5 VDC max. 30 mA
Encoder power supply	+5 VDC 70 mA
Input/output auxiliary	-10 à +10 VDC
SETTINGS:
Offset	Oui
Offset	Yes
Max speed	Oui
Max speed	Yes
Max permanent current	5 A
Acceleration ramp	Oui
Acceleration ramp	Yes
Max peak current	15 A
Regulator gain	Oui
Regulator gain	Yes



Edition: Juli 2022 / subject to modification