

# Speed controller 5A



## ESCON-4Q 4 quadrant servo-controller

- **Digital speed controller for DC or brushless motors up to 250W**

- Configured using a USB cable and graphical interface

### Accessories

- **ESCON Studio** software  
(Free download from our site)



ESCON-4Q-50/5



ESCON-USB



ESCON-CABLE

### DISCOUNTS

Qty	1+	6+	10+
Disc.	List -7%		On request

Technical Specifications		50V/5A	
- Max power	250W	- Fault	Yes
- Supply voltage	10 to 50 Vdc	- Auxiliary Voltage	+5 Vdc 10 mA max
- Max output current	15A	- Hall sensor supply	+5 Vdc 10 mA max
- Nominal Output current	5A	- Encoder supply	+5 vdc 70mA
- Max motor speed	150 000 rpm	- Aux input supply	-10 /+10 Vdc
- Programmable	No	<b>Parameters</b>	
- Control mode	Current, Speed	- Offset	Yes
<b>Inputs:</b>		- Max speed	Yes
- Limit switches	No	- Max output current	5 A
- Analogue	2,12 bit, +/-10V	- Speed ramp	Yes
- Speed limit	Pot. ext/int, PWM 53.6KHZ	- Current point	15 A
- Enable/Disable	Yes	- Gain	Yes
- Electronic brake	Yes	<b>Protection</b>	
- Stop	No	- Reverse polarity	No
- Direction	Yes	- Surge protection	Yes
- Encoder	A,A/B, B/ -1MHz	- Under voltage	Yes
- Tachometer	Yes	- Overvoltage	Yes
- Regulation	Rxl	- Over Current limit	Limited by regulator
- Serial link	No	- Motor short circuit	Yes
- CAN bus	No	- Input short circuit	Yes
<b>Outputs :</b>		- Supply short circuit	Yes
- USB signal	Mini USB	- Thermal	Yes
- Speed	Yes	- Working temp	-30°/ +45°C
- Current	Yes	- Storage	-40°/ +85°C
- Ready	Yes	- Relative humidity	20/80 % non condensing

Part number	Mounting	Format	Weight (g)	Price each 1 to 5
ESCON-4Q-50/5	M4 screw	115X75,5x24	204	384,73 €
ESCON-USB		USB cable for PC link		23,00 €
ESCON-CABLE		Kit of 4 cables for DC motor		50,18 €

Dimensions in mm

## Our other products



STRIP

Sealing brush strip,  
3m length



UCP

Cast iron pillow block  
bearing, Cast iron



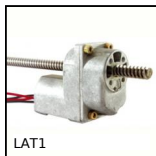
DB

Steel bevel gear, 2:1



UGH20

H Type Guide units,  
For Ø20 actuators



LAT1

1A motorised linear  
actuator, 1 ampere



DOMI50

Domino 50 adjustable  
slide, Slide DOMILINE  
50 with counter and  
handw...



SDG\_SS

Universal adjustable  
guide support  
bracket, Stainless  
steel



SUPCC

Self-centering  
clamping hub steel,  
With lock nut



PTRSS

Idle chain sprocket,  
For hostile  
environments



BLHM70

Right angled gearbox,  
up to 128 Nm



J51

Spur gear coaxial  
gearbox, from 0.13 to  
0.49 Nm - In line



CHAC4040SS

Square hinge with  
riveted pin, drilled,  
Square with riveted  
pin, dri...

## Complementary products



ESCON

Speed controller 5A, 5  
A