

# 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



PM3

Worm, Non hardened steel



M2

Wormwheel, Bronze



DOMI80

Accessories, Fixing kit



DKONSL

Silicone conical elasto buffer, Male mounting



CHAEss

Decorative hinge, Stainless steel



CHTRP

Single and dual output gearboxes, Up to 87,3Nm



FBL4004\_K7

Brush strip per meter PA6 fibres Ø0.3 to Ø0.5, Black polyamide 6 -...



PRES4HR

Manual workbench press, Force up to 600kg



BOX-SHNA

Hexagonal nut - DIN934, Box set of steel nuts



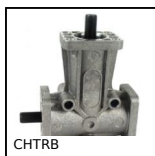
DEP

Tools Hygienic Usit® and Hygienic Design®, Socket for



HG5

Steel spur gear, Steel 20NCD2



CHTRB

Single and dual output gearboxes, Up to 87,3 Nm

## Complementary products



ESCON

Speed controller 5A accessories, USB cable for PC link



ESCON

Speed controller 5A accessories, Kit of 4 cables for DC motor



MAX26

Motor-gearbox 12V and 24V DC, from 0,075 to 0,6Nm