

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	Parameters	
- Control mode	Current, Speed	- Offset	Yes
Inputs:		- 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	Protection	
- 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
Outputs :		- 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



DILC

Indexing plunger with cam, with cam



V3RA_PT

3-spoked handwheel with handle, Polyamide



QNJ

Single row cylindrical roller bearing, Single flange on inner ring



WSRM

Cylindrical polymer nut, Polymer (Iglidur®) - 1 thread



PCS62

Chain sprocket - steel, 15.875 (DIN 10B-1)



PF60

Worm and wheel gear reducer, up to 118 Nm



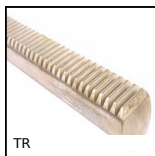
TBbutee

Axial thrust bearing, Steel balls



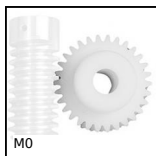
AZY_SS

Stainless steel cylindrical elasto mount, Stainless steel



TR

Spur round rack, Stainless steel -



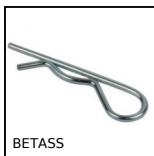
M0

Wormwheel, Machined plastic



CHC

Socket headed screw, Steel class 12.19



BETASS

Hitch pin, Hitch

Complementary products



ESCON

Speed controller 5A, 5 A