

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 €

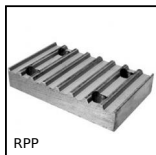
Dimensions in mm

Our other products



AT10-32ECO

AT type timing pulley,
Economy range -
AT10 aluminium



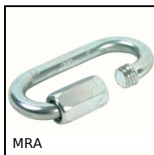
RPP

Connecting plate for
RPP type timing belts,
RPP8



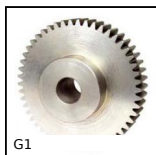
RPC

Wheel, Polyamide



MRA

Quick link, Steel



G1

Steel spur gear, Steel
20NCD2



G2

Steel spur gear, Steel
20NCD2



WTM

Tightening washer -
DIN6340, Steel



CHM90

Worm and wheel gear
reducer, up to 540
Nm



IN2

Internal gear, Steel
20NCD2



M0

Worm and wheel set,
Hardened steel



SHTC

Drylin® Linear table,
Maintenance free



PR40

Articulated foot Ø50,
Ø 50

Complementary products



ESCON

Speed controller 5A, 5
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