

# 10A Servo amplifier



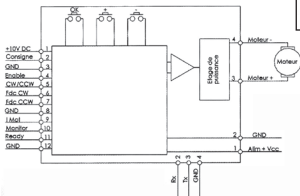
## FIRSTDC-1Q

1 quadrant

- Digital servo amplifier operating in "R x I" mode
- Allows direction of rotation to be reversed
- Analogue output signal

### Accessories

- MDPOT-10T/10K Control potentiometer
- Power supplies



Technical specifications		60V/10A	
- Max Power	600W	- Over voltage	Yes
- Power Supply	10 to 30 Vdc	- Under voltage	Yes
- Max permanent output current	10A	- Over-current	Adjustable
- Operating mode	PWM (20kHz), 1 quadrant	- Motor short circuit	Yes
- Control mode	R x I	- Short circuit on inputs	Yes
<b>Inputs</b>		- Short circuit on aux voltage	Yes
- Speed control	10kΩ potentiometer, External voltage 0/10V	<b>Environment</b>	
- Enable	Voltage free contact (earthed)	- Working temperature	0 to 40°C
- Direction	Voltage free contact (earthed)	- Storage temperature	-40 to +85°C
<b>Outputs</b>		- Relative humidity	20 to 80 %non-condensing
- Motor Current	2 V/A	<b>Connections</b>	
- Control signal	2 V/A	- Connectors	Screw clamp terminals, pitch 3.0 mm.
- Ready	Open collector, 30Vdc 20mA		Wire size : 0.14 to 1.5mm <sup>2</sup>
- Aux voltage	10V, 20mA max	- Connectors (motor + supply)	Screw clamp terminals, pitch 5.08mm.
<b>Controls</b>			Wire size : 0.14 to 1.5mm <sup>2</sup>
- Compensation R I	By Pushbutton	<b>Mechanical characteristics</b>	
- Min speed	By Pushbutton	- Eurocard 3U	Yes
- Max speed	By Pushbutton		
- Max current	By Pushbutton		
<b>Protection</b>			
- Reverse polarity	16A fuse		

### DISCOUNTS

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

Part number	Mounting	Format Eurocard 3U	Weight (g)	Price each 1 to 5
FIRSTDC-1Q-60/10	M4 screw	100 x 100 x 32	220	299,06 €

Dimensions in mm