

ElectroCraft Servo Amplifiers

Available in two models; DA4709 / DA4718 For Brush-Commutated DC Motors up to 1260 W

- The Servo amplifier in a small size, rugged aluminium housing
- Require a single DC power supply for operation
- Provides different methods of mounting for fast installation
- Tool free connections for power terminations
- Inputs and outputs via RJ45-CAT5 plug
- Operation mode with simple DIP switch setting
- User adjustable current limit
- Wide range supply voltage between +11 and +70 VDC for different kinds of power supplies
- Protected against over temperature and over current
- MOSFet-technology, efficiency 95%
- Continuous current up to 09 / 18 A (model dependent)
- They have the functionality to operate as an independent speed control or high performance servo.
- The drives are protected against short circuits under voltage, over temperature, and over current



Advantages of Servo Amplifiers from Wells Electric Drives

- We stock and service servo amplifiers
- We support installation and will trouble shoot a problem for the life of the system, providing a free telephone support service
- 18 months warranty

PR green: Power
ER red: Error
 ϕ Offset
NM n max
XP Gain
bR I x R
IM I max

ElectroCraft
www.electrocraft.com

DA4709
DA4718

4-Q Servo Amplifier for Brush DC-Motors
Supply Voltage 11-70V
Cont. Current 09/18A
Peak Current 18/36A

RoHS
CE

Manufactured under DIN ISO EN 9001:2000

Design Patent
Made in Germany

IPC A-610 class 2

S1	Tacho Voltage	0000	
bR	Torque	00	00
S1	I max	00	00
	Set val. peak	00	00
		off	on

X3	Enable	1	5	Monitor n
	+5V	2	6	Ramp
	Uin	3	7	Monitor I
	/Error	4	8	GND

X2	+Set val.	1	5	-Tacho
	-Set val.	2	6	-10V
	+10V	3	7	I max
	+Tacho	4	8	GND

Power	Motor
GND	+
1	2
3	4
5	5
X1	

