Small DC servo motor controller.

24V 2A and very, very small. The new DC servo motor controller from maxon motor.

Only the size of a postage stamp and yet still delivering up to 144W of power. This is the key advantage of this new motor control unit. Additionally, the controller has many other advantages including a very high efficiency. This creates a convenient solution for many engineering problems; particularly in the fields of robotics and machine design.

Notably, despite the motor controllers minute dimensions it can drive both brushed DC motors and brushless DC motors. It can give full four quadrant control over the motors with a PWM frequency of 53.6kHz and a lightning fast current control bandwidth of 53.6kHz also. The controller is designed for integration directly into the application as a plug in module and as such weighs only 7 grams. New for the entire range of motor controllers is RC servo signal inputs for set speed, set current, offset and current limitation. This will allow radio control users to upgrade their devices with higher quality industrial grade DC motors or brushless motors. The maximum speed is limited to 150,000rpm and there is a full suite of protective functions complementing an extended operating temperature range up to 80°C.

Contact maxon motor Australia for further information or assistance. Ph +61 2 9476 4777

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The media release is available on the internet at: www.maxonmotor.com.au

Small DC servo motor amplifier: ESCON 24/2

Visit the controller microsite for detailed information.