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ELECTROMEN - EM-185

DC motor 1Q drive 12-24 V dc, 3 A, panel mountable

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- 12-24Vdc, 3A continuous, 6A peak
- Speed control without losing torque
- Adjustable current limit
- Small size, Panel mountable

PRODUCT DESCRIPTION

EM-185 is a PWM-based DC-motor driver. The materials and features meet the industrial environment requirements. The device is CE marked and has been tested through EMC measurements required by industrial environment. Motor voltage is regulated against supply voltage changes, and there is also a load compensation (Rxl) adjustment. Thanks to these features EM-185 offers good performance in motor speed control applications. The current limit and the rpm range are adjustable with trimmer potentiometers. The power stage of the device is protected against short-circuit and overload (over temp.). EM-185 is easy to mount in a 10mm hole in an assembly panel.

FEATURES:
• 1-quadrant
• Panel mountable
• Small size
• Motor size 5-80W
• Good speed regulation
• Load comp. adjustable Rxl
• Adjustable current limit
• EMC tested (CE marked)
• Overload and short-circuit protected

TECHNICAL DATA

2421_Peak current (A)	6
5646_Dimensions length x width x height (mm)	38x30x37mm
Control type	Speed, Torque
Current setting range	0.5-6 A
Max continuous current	3 A
Mounting	Panel mount
Operating temperature	0°C...+60°C
PWM frequency	25kHz
Suitable engine	DC
Supplier	Electromen

Supply voltage	12 V DC, 24 V DC
Weight	75 g











