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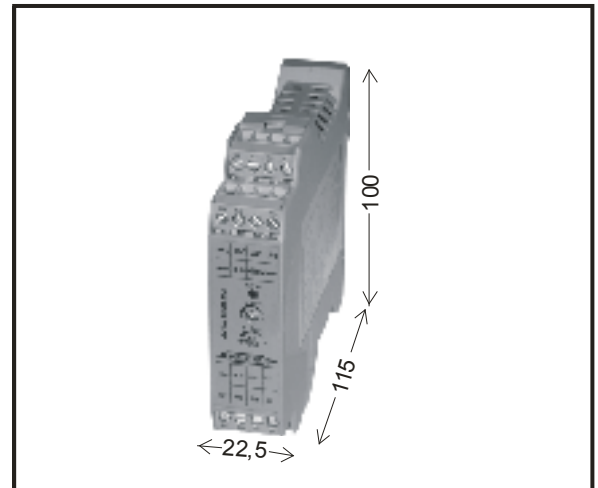
Motor-speed control for brushless Motor 24VDC

Implementation for switching current up to 3,5A

With speed control and current control

To snap onto DIN rail EN 50022

Construction width: 22,5mm



Short designation / type	Rated voltage: 24VDC M-BL-5-30
Art. - No.	06.04.054
Technical data: input circuit	
Rated voltage / threshold voltage	24 VDC
Range of rated voltage min. / max.	19V bis 29VDC
Input current during radet voltage	10mA
Analogue input - range of voltage	0V bis 10VDC
Status indicator	LED 3mm
Technical data: output circuit	
Range of switching voltage / motor voltage	19V bis 29VDC
Max. current / Permanet load current	6A / 3,5A
Current limitation min. / max.	1A bis 6A
Speed control	0 bis max.
Cuurent output signal 0V / high	I - max 50mA.
Power driver	MOS-FET
Other data	
Ambient temperature range	-20°C bis +50° C
Absence of vibration a/r (10...500Hz)	> 20 / 5
Overload protection/short-circuit-proof / t mp. Monitoring	yes / --/ yes
DIN VDE / determinations	VDE 0110, 0160 in parts
Position of installation / mounting	Can be snapped, addable
Mode of connection: screw terminal / pluggable	Single wire 4mm ² , fine wire 2,5mm ²
Dimensions: W x D x H	22,5mm x 100mm x 115mm

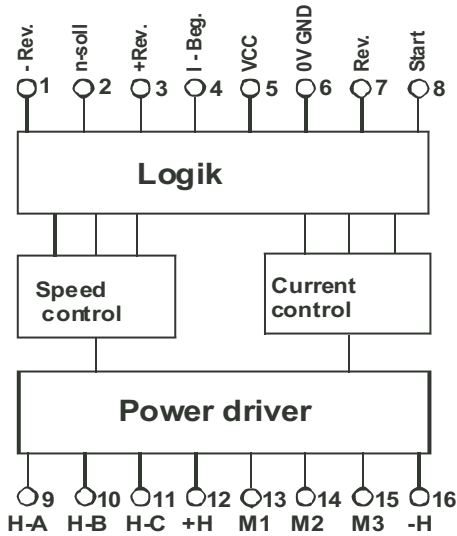
Description

The M-BL-5-30 module is a two-quadrant motor control system for 24VDC brushless motors. It ensures switching ON/OFF and the controlled driving and braking of motors.

Special features:

Short/circuit protection, overload protection, analog inputs 0 to 10V for motor speed control, signal output current limitation (50mA), adjustable switch-on current rise, adjustable max. Speed.

Electrical connection and contrls



Direction of Travel	Polarity
Vorward (A1)	M1 → M2 → M3
Backwards (A2)	M1 → M3 → M2

