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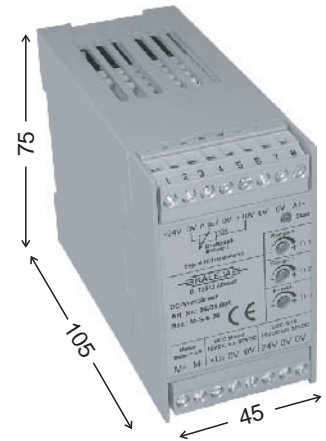
Motor-speed control for brush sticking direct current motor 24VDC

Implementation for switching current
up to 6A

Controlled acceleration and
deceleration of motors
Speed control

To snap onto DIN - rail EN 50022
and EN 50035

Construction width: 45mm



Short designation / type	Rated voltage: 24VDC M-S-6-30
Art. - No.	06.04.008
Technical data: input circuit	
Rated voltage / threshold voltage	24 VDC
Range of rated voltage min. / max.	19V to 35VDC
Input current during rated voltage	10mA
Analogue input - range of voltage	0V to 10VDC
Status indicator	LED 3mm yellow
Technical data: output circuit	
Range of switching voltage / motor voltage	18V to 35VDC
Max. permanent load current	6A
min. / max. time of starting ramp	20 - 2000 ms adjustable
min. / max. time of deceleration	20 - 2000 ms adjustable
Analogue input for speed	0V - 10V adjustable
Power driver	MOS-FET
Other data	
Ambient temperature range	-20°C to + 50°C
Absence of vibration a/r (10...500Hz)	> 20 / 5
Overload protection / short-circuit-proof / temperature monitoring	yes / 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	45mm x 75mm x 105mm

Description

The M-S-6-30 module is a two-quadrant motor control system for 24VDC motors. It ensures switching ON/OFF and the controlled and definite driving and braking of motors. The load will short-circuited in OFF conditions after deceleration-rate.

Special features:

Short-circuit protection, temperature protection, overload protected, analog input 0 to 10V for motor speed. Acceleration-rate and deceleration-rate adjustable.

Electrical connection and controls

