

KALEJA GmbH
D-73553 Alfdorf

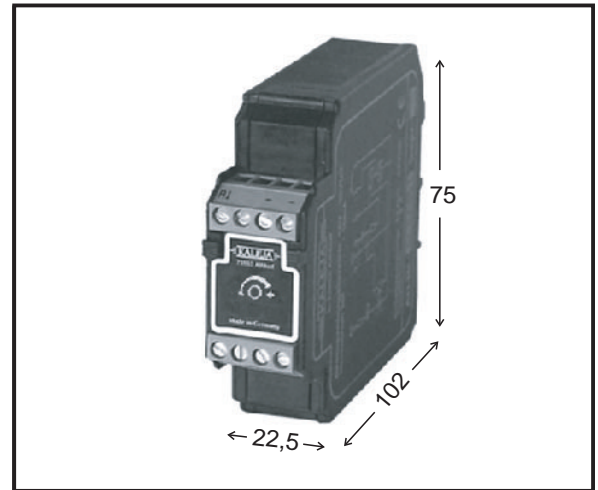
Motor-speed control for brush sticking direct current motor 24VDC

Implementation for switching current
up to 4A

Suitable for acceleration-rate
and deceleration-rate
Adjustable time of starting ramp

To snap onto DIN - rail EN 50022
and EN 50035

Construction width: 22,5mm



Short designation / type		Rated voltage: 24VDC Maxi-S-4-30
Art. - No.		06.04.007
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		MOS-FET
Range of switching voltage / motor voltage	19V to 35VDC	
Max. permanent load current	4A	
min. / max. time of starting ramp	0 - 1000ms adjustable	
Forward resistance at ON-state	20 mOhm	
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	single wire 4mm ² , fine wire 2,5mm ²	
Dimensions: W x D x H	22,5mm x 75mm x 102mm	

Description

The Maxi-S-4-30 module is a motor control system with acceleration-rate/deceleration-rate for 24VDC motors. It ensures switching ON/OFF and the definite driving and braking of motors, solenoid valves and other loads. The load is short-circuited over an external resistance in OFF conditions which result in dynamical braking, dependent from external resistance value.

Special features:

Short-circuit protection against GND, temperature protection, specialize for the use at inductances, adjustable time until the motor reach its max. speed.

Electrical connection and controls

