

KALEJA Elektronik GmbH
D-73553 Alfdorf

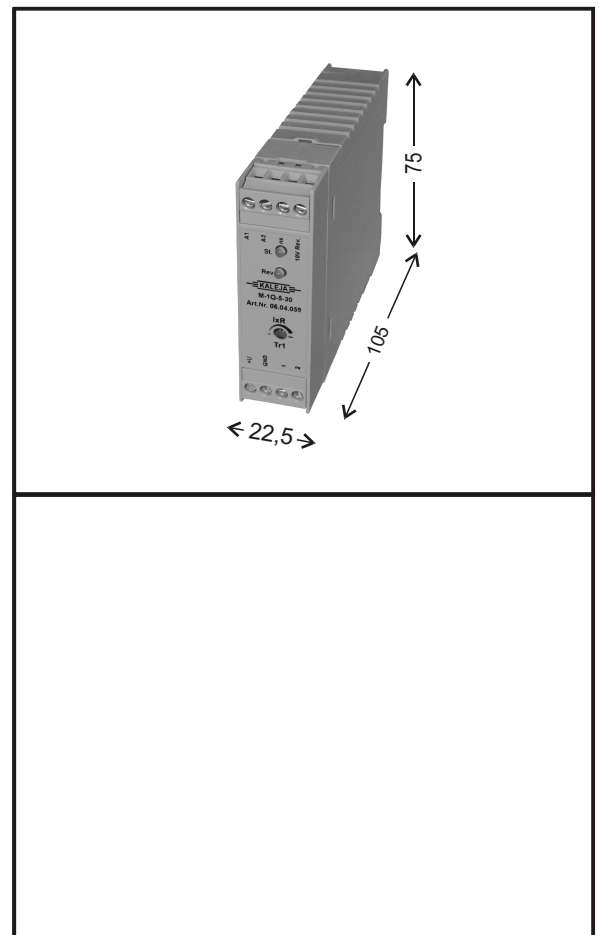
**Motor-speed control for
brush sticking
direct current motor 24VDC.
Threshold voltage: 24VDC**

Implementation for switching current
up to 5A. With change of rotation.

- speed control
- IxR compensation

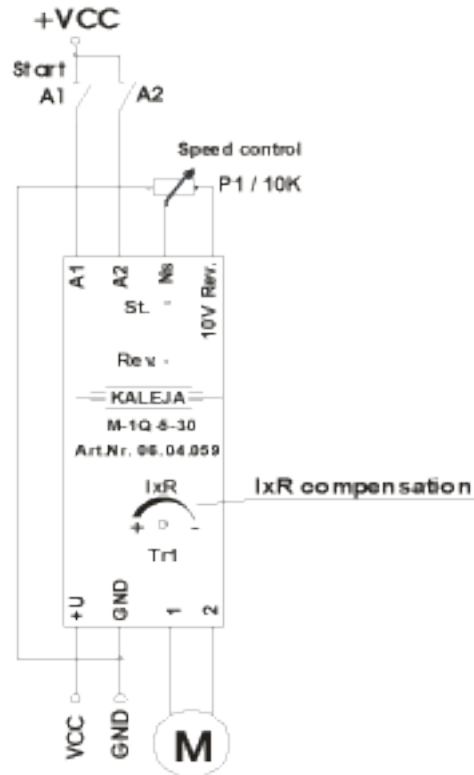
To snap onto DIN - rail EN 50022
and EN 50035.

Construction width: 22,5mm



Short designation / type		Rated voltage: 24VDC M-1Q-5-30
Art. - No.		06.04.059
Technical data: input circuit		
Rated voltage / threshold voltage	24 VDC	
Range of rated voltage min. / max.	19V to 32VDC	
Input current during rated voltage	10mA	
Status indicator	LED 3mm yellow	
Technical data: output circuit		
		MOS-FET
Range of switching voltage / motor voltage	19V to 32VDC	
Max. permanent load current	5A	
Impulse current	45 A	
Switching frequency	50 Hz by 5A	
Current sensing by short-circuit	95A	
Switch-off time after short-circuit	80 - 400 µs	
Other data		
Ambient temperature range	-20°C to + 50°C	
Case	plastic IP20	
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	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 105mm	

Standard circuit



SPS - circuit

