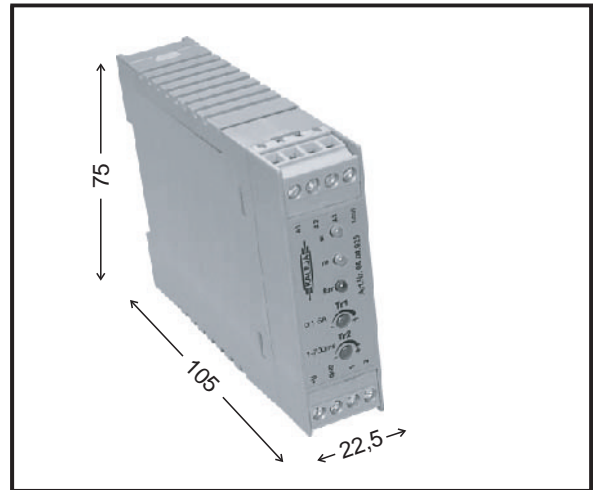**KALEJA Elektronik GmbH**
D-73553 Alfdorf

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

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

Indirect-coupled between input circuit and output circuit.

To snap onto DIN - rail EN 50022

and EN 50035.

Construction width: 22,5mm

Short designation / type	Rated voltage: 24VDC Maxi-MWI-5-30
Art. - No.	**06.04.025**

Technical data: input circuit	
Rated voltage / threshold voltage	24 VDC
Range of rated voltage min. / max.	15V to 35VDC
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 35VDC
Max. permanent load current	5A
Impulse current	10 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 4mm², fine wire 2,5mm²
Dimensions: W x D x H	22,5mm x 75mm x 105mm

Description

When blocking the control safe the motor for incorrect high current. If the motor current rise over the set Value (Tr1), the control switch off the motor with dynamical braking.
By that at run-up of the Motor the Current Evaluation don´t respond, is a temporal adjustable fade-out function (Tr2) of protection during that time active.
Rise at operation the Motor current over the setting Value, the Motor will switch-off and stay suspended till the next RESET. The Message Output (I - OUT) will set on HIGH (+VCC) . LED red (ERR) lightning.
RESET-functions: - LOW (0V) at inputs A1 and A2.
                         - HIGH (+VCC) at input A3

Block diagram