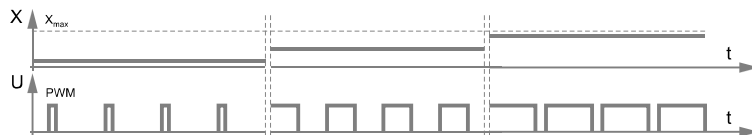


R5-M

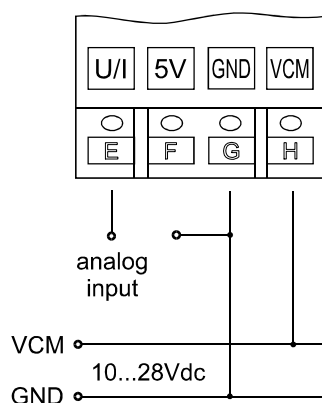
DC PWM Motor Speed Controller



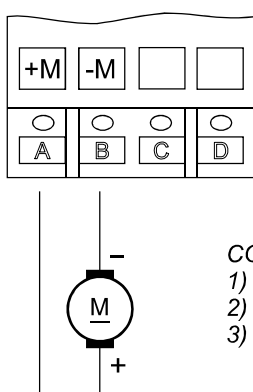
- Adjustment based on PWM modulation control,
- Adjustment of the potentiometer or analog signal,
- Signaling LED,
- DIN-rail mountable,
- Small size.

CIRCUIT DIAGRAM

1) CONNECTION OF CONTROL AND POWER

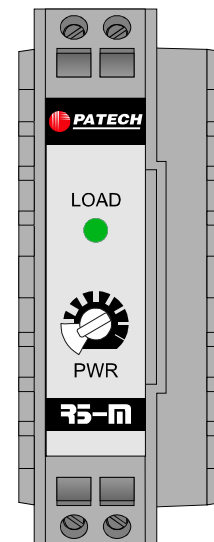


2) CONNECTION OF MOTOR

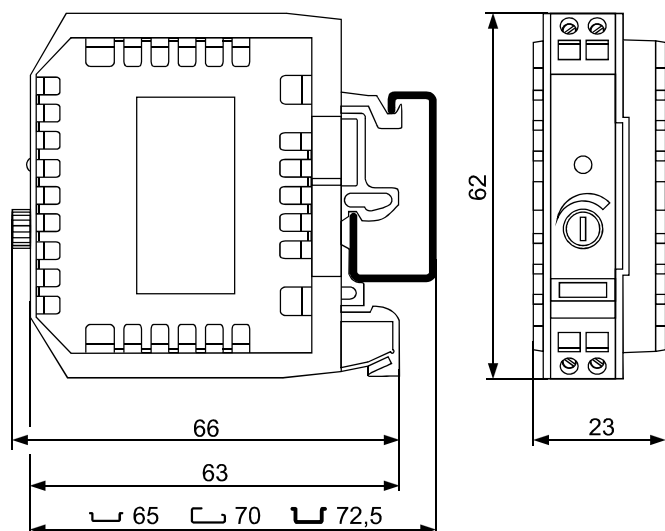


COMMENTS:

- 1) For control via potentiometer PWR, **U/I** terminals shorted with **5V**.
- 2) **VCM** terminal is connected inside the controller to the terminal **+M**.
- 3) The system does not have galvanic isolation between power supply and analog input.



DIMENSION DRAWING



TECHNICAL DATA

Output load	8 A
Operating voltage range	10...28 Vdc
Power consumed	<0,7 W
PWM frequency	$f_{PWM} = 16 \text{ kHz}$
Input U/I	0...5 V (10 V) - input res. 5 k Ω 0(4)...20 mA - input res. 250 Ω
Relative air humidity	25...85 %
Temperature range	0...50 °C
Storage temperature	-25...70 °C
Protection	IP 20 (PN-EN 60529)
Requirements	EN 60947
Dimensions	23x62x63 mm
Weight	45 g

ORDER CODE

Speed Controller R5-M	X	X
Analog input		
0...5 V (10V) / potentiometer PWR *	- A	
Analog input 0...20 mA	- B	
Analog input 4...20 mA	- C	
Standard		- 0
Special version (number to be agreed)		- X

*) Control 0...5 V - PWR potentiometer set to the maximum.
Control 0 ... 10 V - PWR potentiometer set to 50 % of the range.