

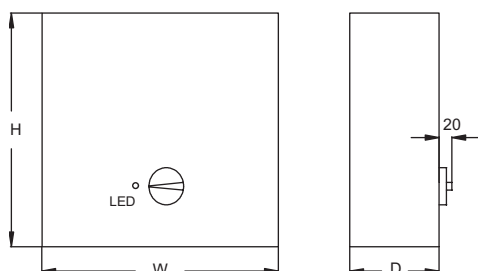


Transformer speed controller HRB

Description

Transformer controllers are adapted to change the motor speed by changing the voltage. The controllers have a function to protect against overheating of the transformer. All regulators have a 230 VAC output to connect actuators, heaters, relays, integrating the work of accessories with the work of the fan. More than one fan may be connected to a single controller, provided that the total current of all motors does not exceed the maximum permissible value of the controller.

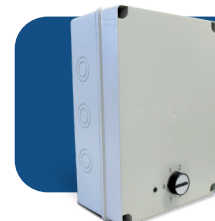
Technical drawing



Technical specifications

Model	Voltage [V]	Max. current [A]	Weight [kg]	Dimensions HxWxD [mm]
HRB 1	1x230	1,0	1,9	165x120x79
HRB 1,5	1x230	1,5	2,6	165x120x79
HRB 2	1x230	2,0	3,0	170x145x93
HRB 3	1x230	3,0	3,5	170x145x93
HRB 4	1x230	4,0	4,4	178x155x150
HRB 5	1x230	5,0	4,9	178x155x150
HRB 7	1x230	7,0	7,3	244x184x178
Number of regulation steps 5				
Power supply 1x230 VAC				
Frequency 50-60 Hz				
Voltage values 80V $I_{max} \cdot 0,6$; 120V $I_{max} \cdot 0,8$; 140V $I_{max} \cdot 1$; 170V $I_{max} \cdot 1$; 230V $I_{max} \cdot 1$				
Protection class IP44				
Max. ambient temperature 40 °C				
Max. allowable temperature T = 130 °C – ambient temperature. Max. transformer temperature 70 °C, limited by thermal protection of the transformer.				

Transformer speed controller HRC/HRT

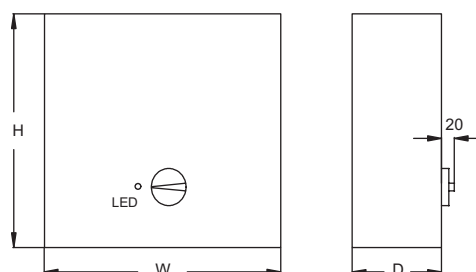


Description

Transformer controllers are adapted to change the motor speed by changing the voltage. The controllers have a function to prevent overheating of both the motor and the transformer. All controllers have a 230 VAC output to connect actuators, heaters, relays, integrating the work of accessories with the work of the fan. More than one fan may be connected to a single controller, provided that the total current of all motors does not exceed the maximum permissible value of the controller.

The 3-phase motor regulators are protected against power loss. When the power is restored, the controller will not return to the selected gear – the controller must be switched off and on again.

Technical drawing



Technical specifications

Model	Voltage [V]	Max. current [A]	Weight [kg]	Dimensions HxWxD [mm]
HRC 1,5	1x230	1,5	2,6	178x155x99
HRC 2	1x230	2,0	3,0	178x155x99
HRC 3	1x230	3,0	3,5	178x155x99
HRC 4	1x230	4,0	4,4	178x155x150
HRC 5	1x230	5,0	4,9	178x155x150
HRC 7	1x230	7,0	7,3	244x184x178
HRC 11	1x230	11,0	9,5	244x184x178
HRC 14	1x230	14,0	10,4	244x184x178
HRT 1	3x400	1,0	6,3	335x245x133
HRT 2	3x400	2,0	8,1	335x245x133
HRT 3	3x400	3,0	10,7	335x245x133
HRT 4	3x400	4,0	14,6	335x245x133
HRT 5	3x400	5,0	18,7	300x290x160
HRT 7	3x400	7,0	24,7	365x320x190
HRT 11	3x400	11,0	34,1	365x320x190
HRT 14	3x400	14,0	37,2	365x320x190
Number of regulation steps 5				
Power supply HRC - 1x230 VAC, HRT – 3x400 VAC				
Frequency 50-60 Hz				
Voltage values 80V $I_{max} \cdot 0,6$; 120V $I_{max} \cdot 0,9$; HRC: 140V $I_{max} \cdot 1$; 170V $I_{max} \cdot 1$; 230V $I_{max} \cdot 1$; 130V $I_{max} \cdot 0,9$; 170V $I_{max} \cdot 1$; HRT: 220V $I_{max} \cdot 1$; 270V $I_{max} \cdot 1$; 400V $I_{max} \cdot 1$				
Protection class IP44				
Max. ambient temperature 40 °C				