



Speed controller type ST2R1

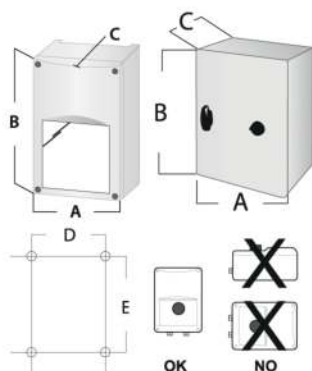
2-speed transformer controller with built-in clock in accordance with IDA-C3

Application

- With the built-in clock these controllers can work completely autonomously. Two optimal motor speeds can be manually adjusted by a tapped transformer. These high and low speed operation time range can be programmed in the clock together with a range when the motor has to stop. This permitting a energy save. They are fitted out with TK contacts for thermal motor protection and run/stop contacts for external or remote starting/stop.

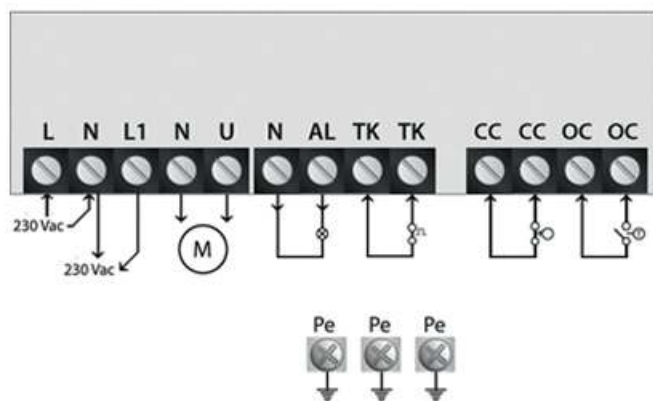
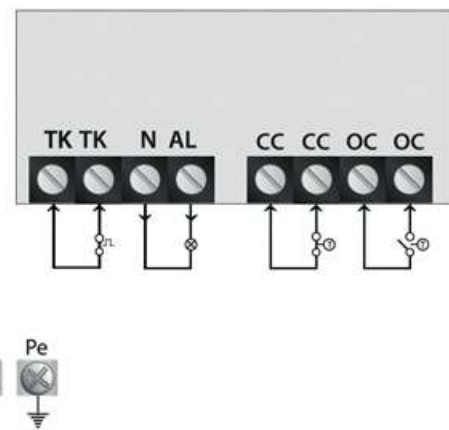
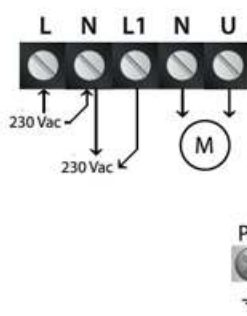
Composition

- Voltage: 230 Vac – 50/60Hz – from 1.5 to 13A
- Enclosure: sheet steel RAL 7032, polyester powder coating IP54
- Several voltage ranges possible
- Current fuse
- 230 Vac unregulated output
- Motor protection, by connecting thermal contacts TK of the motor
- Alarm output (230V/1A) in the event of motor overheating
- 2 run/stop contacts (RT-normally closed, FS-normally open) for remote control
- Ready mounted cable glands
- Maximal ambient temperature: 35°C



Dimensions										
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Wgt net [kg]	Wgt brut [kg]	M	I _{max} [A]	F(A)
ST2R1-15L25	170	250	136	155	193	3,29	3,51	P	1,5	2,5
ST2R1-25L25	170	250	136	155	193	3,79	4,01	P	2,5	4,0
ST2R1-35L25	170	250	136	155	193	5,79	6,00	P	3,5	5,0
ST2R1-50L25	170	250	136	155	193	6,49	6,70	P	5,0	8,0
ST2R1-75L25	200	305	140	183	235	9,11	9,40	P	7,5	12,5
ST2R1100L25	300	425	175	225	355	15,36	15,95		10,0	(6x32mm)16,0
ST2R1130L25	300	425	200	225	355	17,95	18,54	A	13,0	(6x32mm)20,0

Wiring diagram

ST2R1-15L25 - ST2R1-75L25

ST2R1100L25 - ST2R1130L25


Notes

L = Main supply 230Vac - 50/60 Hz
 L1 = Unregulated output
 N = Neutral
 U = Regulated output to motor
 AL = output to alarm
 TK = Thermisch contact
 RT = Room thermostat (normally closed)
 FS = Frost protection (normally open)
 Pe = Earthing