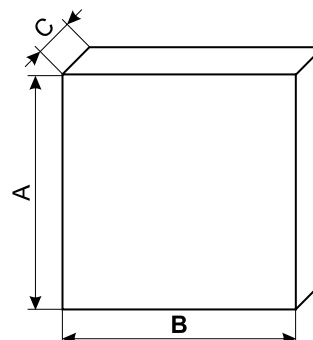






## Three phase speed controller



 Transformatoriniai greičio reguliatoriai TGRT skirti keisti ventiliatorių (~3f, 400V, 50Hz) sukimosi greitį. Autotransformatoriai, esantys reguliatoriuje, keičia ventiliatoriaus maitinimo įtampą. Visi įtampos reguliatoriai turi variklio termoapsaugos pajungimo kontaktus.

 Transformatorische Geschwindigkeitsregler TGRT sind für die Veränderung der Drehgeschwindigkeit der Ventilatoren (~3f, 400V, 50Hz) bestimmt. Die sich im Regler befindenden Autotransformatoren verändert die Speisespannung des Ventilators. Alle Spannungsregler verfügen über Anschlusskontakte für Thermoschutz des Motors.

 Transformer controllers are designed to change motor rotating speed by changing voltage. All controllers are with motors and transformers thermo protection function. 3 phase controllers are with power supply fault protection. When power supply recovered, controller did not switch on previous step until is switched OFF and ON to desired step. Steps are with fix voltage and are changed with rotary switch. Controllers also have power indication led. All controllers have 230 VAC output for connection servo motors, actuators, heaters relays and etc.

 Трансформаторные регуляторы скорости TGRT для изменения скорости вращения вентиляторов (~3f, 400V, 50Hz). Встроенные в регулятор автотрансформаторы регулируют напряжение питания вентилятора. Все регуляторы напряжения с контактами термо защиты двигателя.

To one controller more than one motor can be connected, if total current of all controllers is less than maximum controller current. In this case all motors thermo protections must be connected in series.

### Technical data

- Input 400V / 50Hz
- 5 steps: 400V / 270V / 220V / 170V / 130V
- Casing protection rating - IP 44
- Enclosure: Plastic (TGRT 1-3) / steel sheet, powder coated (TGRT 4-14)
- Max. ambient temperature +40°C
- Auto-transformer completely impregnated with resin, 2 transformers
- 5-step switch and operating lamp
- Additional connection for servo motor 230V / 50Hz, 0,5A
- Full motor protection, re-set is locked through thermal contacts lead out of the motor
- Speed controllers conforms to requirements of standards LST EN 60335-1:1998+A1:2001 and carry CE mark

### Dimensions

Type	Max. current	Voltage	A [mm]	B [mm]	C [mm]	Weight
TGRT 1	1 A	400V/50Hz	335	245	133	6,3 kg
TGRT 2	2,0 A	400V/50Hz	335	245	133	8,1 kg
TGRT 3	3,0 A	400V/50Hz	300	290	160	14,0 kg
TGRT 4	4,0 A	400V/50Hz	300	290	160	18,5 kg
TGRT 5	5,0 A	400V/50Hz	300	290	160	31,0 kg
TGRT 7	7,0 A	400V/50Hz	360	320	160	35,4 kg
TGRT 11	11,0 A	400V/50Hz	420	360	200	36,5 kg
TGRT 14	14,0 A	400V/50Hz	420	360	200	40,0 kg