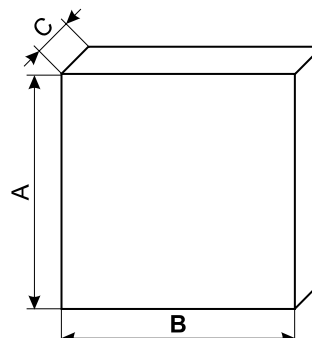






Three phase speed controller for explosion proof fans



 Transformatoriniai greičio reguliatoriai TGRTex skirti keisti ventiliatorių su sprogimui saugiais varikliais (~3f, 400V, 50Hz) sukimosi greitį. Autotransformatoriai, esantys reguliatoriuje, keičia ventiliatoriaus maitinimo įtampą. Visi reguliatoriai turi termoapsaugos pajungimo kontaktus.

 Transformatorische Geschwindigkeitsregler TGRTex sind für die Veränderung der Drehgeschwindigkeit der Ventilatoren mit explosionsgeschützten Motoren (~3f, 400V, 50Hz) bestimmt. Die sich im Regler befindenden Autotransformatoren verändern die Speisespannung des Ventilators. Alle Regler verfügen über Anschlusskontakte für Thermoschutz.

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

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
- Can also be used for explosion proof motors
- 5 steps: 400V / 270V / 220V / 170V / 130V
- Casing protection rating - IP 44
- Enclosure: Plastic (TGRTex 1-3) / steel sheet, powder coated (TGRTex 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 cold conducts 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 ex	1 A	400V/50Hz	335	245	133	6,3 kg
TGRT 2 ex	2,0 A	400V/50Hz	335	245	133	8,1 kg
TGRT 3 ex	3,0 A	400V/50Hz	300	290	160	14,0 kg
TGRT 4 ex	4,0 A	400V/50Hz	300	290	160	18,5 kg
TGRT 5 ex	5,0 A	400V/50Hz	300	290	160	31,0 kg
TGRT 7 ex	7,0 A	400V/50Hz	360	320	160	35,4 kg
TGRT 11 ex	11,0 A	400V/50Hz	420	360	200	36,5 kg
TGRT 14 ex	14,0 A	400V/50Hz	420	360	200	40,0 kg