



TGRD7x and TGRD9x Types Oil burner controls

MAIN FEATURES

- Program versions for forced draft oil burners and air heaters
- TGRD versions available with post-purge function available
- Multicolor indications of operating status and fault status messages
- Controlled intermittent mode after 24 hours of continuous operation
- TGRD versions available with limitation function of the number of repetitions
- External reset facility
- TGRD versions available with preheater supervision with timer
- TGRD versions suitable for EN267 applications
- Approval based on latest European Directive EN298:2012 and UL 372 / CSA C22.2 No. 199

TGRD burner controls ensure reliable operation and supervision of 1-2 or 3-stage oil burners. The products have the same reliability of analogue versions (Kompact TGR) and a high level of safety while offering ease of operation.

Burner controls of the TGRD line feature are equipped with a single-channel microprocessor system with periodic self-check and 2 independent shutdown paths for safety-related functions. The controls are also suitable for driving air dampers by means of 1 or 2 wires of a modulating thermostat. For flame supervision, the photosensors FC... and FT... are used for yellow flame and the flame detector FD... for blue flame.

Technical data (extract)

For further information see data sheets 14540.

Mains voltage:	200÷240V~ +10% / -15% @ 50/60Hz
On request:	100÷120V~ +10% / -15% @ 50/60Hz
Operating temperature range:	-20°C ÷ +70°C
Ambient humidity:	95% max @ 40°C
Protection degree (with connecting socket):	IP 00
Maximum cables length:	
- Thermostat (T) and external reset (RE):	20 m
- external components:	1 m

