

INDUSTRIAL
THERMOREGULATION

DIGITAL THERMOSTATS RC3/DC3

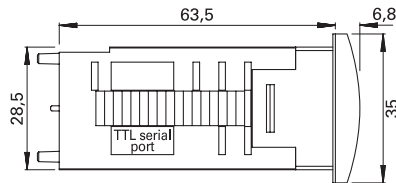




DIGITAL THERMOSTATS RC3/DC3

The RC3/DC3 product line combines all technological improvements of many years of experience. The result is a reliable product with high quality and precision.

- ▶ The line allows to read till 2 probes (PTC, NTC 10 or 5 KOhm) and 1 external contact.
- ▶ Bright display with larger digits and relays status visible by icons. Available also blue colour.
- ▶ Up to 3 relay contacts: SPST 16A + SPDT 8A + SPST 5A.
- ▶ Possibility of immediate view of the 2nd probe temperature.
- ▶ Recording of max-min temperatures reached (HACCP).

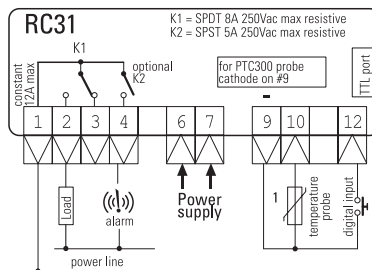


TECHNICAL CHARACTERISTICS

FRONT PANEL SIZE	35x76 mm
INDEX OF PROTECTION	IP65 for the frontal panel
DISPLAY	Red 3 digits, 7-segm LED, 14mm high
MEASUREMENT RANGE	-50 ÷ 150 °C for PTC probe, -40 ÷ +110 °C for NTC probe
OUTPUTS (RC33 CONFIGURATION)	Compressor on a SPST 16A (max resistive) relay; fan on a SPST 5A relay; defrost on a SPDT 8A relay
ANALOG INPUTS	1 or 2 for PTC/NTC probes
DIGITAL INPUTS	1 for an external contact
SERIAL PORT	1 for Modbus connections TTL level
RESOLUTION	0,1°C (0,1°F)
POWER SUPPLY	230 Vac 50/60 Hz, 9÷24 Vac/dc, 115 Vac
ACCESSORY	Programming key
PRODUCT CERTIFICATION	IMQ/ENEC for 230 Vac standard versions

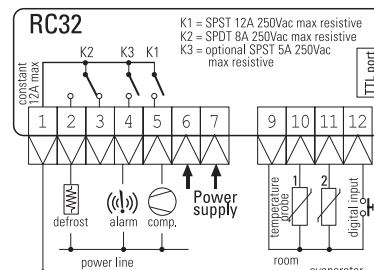
RC31

Temperature controller with 1 relay for positive refrigeration units or heating appliances. With PTC300 probe it measures up to 300 °C.



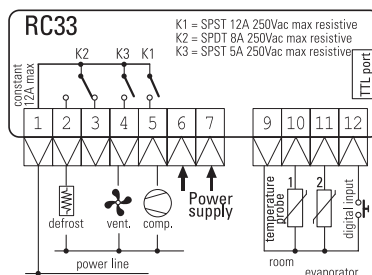
RC32

Temperature controller with 2 relays for negative temperature static refrigeration units.



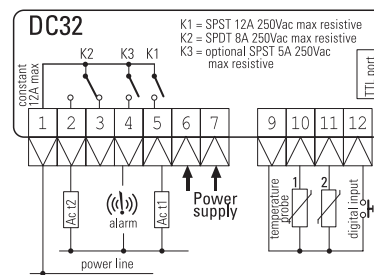
RC33

Temperature controller with 3 relays for low temperature ventilated refrigeration units.



DC32

Temperature controller with 2 relays and selectable "two stages" or "dead band" functions.



The diagrams are representative of standard products; please refer to the label of each product.



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