

## DR 985

## Single stage controller for temperature

The DR 981 controllers are devices suitable for applications on normal temperature refrigerating units. They are provided with a PTC thermostatic probe input (NTC can be selected by parameter) and a relay output for compressor management. Defrost cycles are controlled at time intervals by stopping the compressor. The value of the probe's reading is viewed on a display with three digits and a minus sign. All versions are provided with a TTL connection in order to use Copy Card, the quick programming accessory. These controllers are available in the Rail Din standard format with a 230 Vca supply voltage.

### Technical Data

<b>Container</b>	4-DIN plastic module
<b>Dimensions</b>	70x85 mm, depth 61 mm
<b>Mouting</b>	DIN rail mounting (Omega 3) or wall-mounting
<b>Usage temperature</b>	-5...55°C
<b>Storage temperature</b>	-30...85°C
<b>Usage environment humidity</b>	10...90% RH
<b>Storage environment humidity</b>	10...90% RH
<b>Serial</b>	TTL port for Copy Card
<b>Display</b>	3½ digits plus sign
<b>Precision</b>	above 0.5% of bottom scale + 1 digit
<b>Consumption</b>	5 VA
<b>Resolution</b>	1°C or 0.1°C (selectable with a parameter).
<b>Power supply</b>	230Vac ± 10%, 50/60Hz
<b>Connections</b>	screw terminals for <2.5mm <sup>2</sup>



