

DR 983

Single stage controller for temperature

The DR 983 C 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

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



