

**CRN TECNOPART, S.A.**

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eliwell**EW-130.15E****EWDR 981 – EWDR 984 – EWDR 985****ELECTRONIC CONTROL FOR REFRIGERATION EQUIPMENT FORMAT DIN RAIL**

MODEL	CODE
EWDR 981	DR26CI0TCD700
EWDR 984	DR3CDI0TCD700
EWDR 985	DR34DI0TCD700

FEATURES

- » The family EWDR allows full control of your system from the same electronic format DIN rail.
- » EWDR 981: 1 relay, 2 probes, thermostatic and product probe (Configurable)
- » EWDR 984 - 985: – 3 fully configurable relays: compressor, defrost, 2nd evaporator defrost, etc.. (985 4 fully configurable relays). – 3 probes: defrost and probes final product (configurable).
- » Defrost by compressor stop
- » Completion of the defrost by time
- » Compressor protection times as well as stop / start in case of failure
- » Front protection: IP65
- » Case 70x85 mm, depth 61 mm, 4 DIN modules
- » DIN rail mounting, or wall mounting
- » Use temperature : -5...55°C
- » Storage temperatura: -30...85°C
- » Ambient humidity for use and storage: 10...90% HR (not condensing)
- » Connections screw terminal blocks for wires up to 2.5 mm² (one wire per terminal for power connections)

TECHNICAL DATA

	EWDR 981	EWDR 984	EWDR 985
Range	• NTC probe: -50,0...110,0°C • PTC probe: -55,0...140,0°C	• NTC probe: -50,0...110,0°C • PTC probe: -55,0...140,0°C	• NTC probe: -50,0...110,0°C • PTC probe: -55,0...140,0°C
Display	selectable decimal point * 3 half digits + sign	selectable decimal point * 3 half digits + sign	selectable decimal point * 3 half digits + sign
Analog input	2 PTC or NTC*	3 PTC or NTC*	3 PTC or NTC*
Digital input	2 configurable	2 configurable	2 configurable
Serial ports	TTL for connection Copy Card	TTL for connection Copy Card	TTL for connection Copy Card
Digital output	1 SPDT 8(3)A 250Vac	1 SPDT 8(3)A 250Vac + 1 SPST 15A 1hp 250Vac 1 SPST 8(3)A 250Vac	1 SPDT 8(3)A 250Vac + 1 SPST 15A 1hp 250Vac + 1 SPST 8(3)A 250Vac 1 SPST 8(3)A 250Vac
Analog output	12Vc/24mA	12Vc/24mA	12Vc/24mA
Measuring	-55 to 140°C	-55 to 140°C	-55 to 140°C
Dimensions	70 x 85 mm	70 x 85 mm	70 x 85 mm
Resolution	1 or 0,1°C	1 or 0,1°C	1 or 0,1°C
Power consumption	5VA max	5VA max	5VA max
Power supply	230Vac ±10% 50/60Hz	230Vac ±10% 50/60Hz	230Vac ±10% 50/60Hz

* Selectable by parameter

WIRING DIAGRAMS

