



## CRN TECNOPART, S.A.

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### EW 961 – EW 971 – EW 974 SIMPLE CONTROLS REFRIGERATION UNITS



#### MODELS AVAILABLE

Model	Code	Probes	Relais
EW	EW17DI0XCH706	1	1
EW	EW29DI0XCH706	2	2
EW	EW2EDI0XCH706	2	3

The family IDW are simple controls.

**Programming without folders.**

**Are supplied in manufacturer packaging**

Incorporates up to 3 relays and 2 probes (depending on model)

Password to enter parameters and keyboard lock

**Probe included**

**Parameter Cold / heat**

Electric defrost cycle or investment

Compressor protection times as well as Stop / Start if broken probe

**Power supply 230 V ± 10% 50/60 Hz**

End time temperature defrost security, both programmable

Frontal protection: IP65

Installation: on panel, with mounting hole

71x 29mm (+0.2 / -0.1 mm)

Temperature: -5 ... 55 ° C

Storage temperature: -30 ... 85 ° C

Ambient humidity for operation and storage:

10 ... 90% RH (non-condensing)

#### TECHNICAL DATA

	EW 961	EW 971	EW 974
<b>Display range</b>	NTC Probe -50 to 110 °C	NTC Probe -50 to 110 °C	NTC Probe -50 to 110 °C
<b>Display</b>	no decimal point * 3 and a half digits + sign	no decimal point * 3 and a half digits + sign	no decimal point * 3 and a half digits + sign
<b>Dimensions</b>	Fron panel 32x74mm depth 59mm	Fron panel 32x74mm depth 59mm	Fron panel 32x74mm depth 59mm
<b>Installation</b>	panel mounting with 71x29 mm mounting hole	panel mounting with 71x29 mm mounting hole	panel mounting with 71x29 mm mounting hole
<b>Analogue inputs</b>	1 NTC	2 NTC	2 NTC
<b>Configurable inputs</b>	1 digital (SELV)	1 digital (SELV)	1 digital (SELV)
<b>Connectivity</b>	TTL port for connection to Unicard / Copy Card	TTL port for connection to Unicard / Copy Card	TTL port for connection to Unicard / Copy Card
<b>Digital outputs</b>	Relay 16A SPDT	<u>Relay B</u> 1SPDT:NA 8(4)A NC 6(3)A max 250V <u>Relay A</u> 1SPST: 2 Hp (12FLA – 72LRA) máx. 250V	<u>Relay B</u> 1SPDT:NA 8(4)A NC 6(3)A max 250V <u>Relay A</u> 1SPST: 2 Hp (12FLA – 72LRA) máx. 250V RelayC1SPST 5(2)A250V

	EW 961	EW 971	EW 974
<b>Measurement range:</b>	-50 to 110 °C	-50 to 110 °C	-50 to 110 °C
<b>Accuracy:</b>	better than 0.5% of end of scale+1 digit	better than 0.5% of end of scale+1 digit	better than 0.5% of end of scale+1 digit
<b>Resolution</b>	1 or 0,1 °C	1 or 0,1 °C	1 or 0,1 °C
<b>Power supply</b>	230 Vac ± 10% 50/60 Hz	230 Vac ± 10% 50/60 Hz	230 Vac ± 10% 50/60 Hz

\* selectable by parameter

## WIRING DIAGRAM

