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IDW 961 – IDW 971 – IDW 974 SIMPLE CONTROLS REFRIGERATION UNITS



The family IDW are simple controls. **Programming without folders.**

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)

MODELS AVAILABLE

Model	Code	Probes	Relais
IDW	IW16YI0TCH701	1	1
IDW	IW29YI0TCH701	2	2
IDW	IW2EYI0TCH701	2	3

TECHNICAL DATA

	IDW 961	IDW 971	IDW 974
Display range	NTC Probe -50 to 110 °C	NTC Probe -50 to 110 °C	NTC Probe -50 to 110 °C
Display	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
Dimensions	Fron panel 32x74mm depth 59mm	Fron panel 32x74mm depth 59mm	Fron panel 32x74mm depth 59mm
Installation	panel mounting with 71x29 mm mounting hole	panel mounting with 71x29 mm mounting hole	panel mounting with 71x29 mm mounting hole
Analogue inputs	1 NTC (probe included)	2 NTC (probes included)	2 NTC (probes included)
Configurable inputs	1 digital (SELV)	1 digital (SELV)	1 digital (SELV)
Connectivity	TTL port for connection to Unicard / Copy Card	TTL port for connection to Unicard / Copy Card	TTL port for connection to Unicard / Copy Card
Digital outputs	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

	IDW 961	IDW 971	IDW 974
Measurement range:	-50 to 110 °C	-50 to 110 °C	-50 to 110 °C
Accuracy:	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
Resolution	1 or 0,1 °C	1 or 0,1 °C	1 or 0,1 °C
Power supply	230 Vac ± 10% 50/60 Hz	230 Vac ± 10% 50/60 Hz	230 Vac ± 10% 50/60 Hz

* selectable by parameter

WIRING DIAGRAM

