

# eliwell



**Electric Automation**  
Automation specialists

Reference: IDP24DB7S0000

IDP24DB7S0000 ELIWELL IDPLUS 978  
230V 2 PROBES, 4 RELAYS (DEFROST,  
VENT. AND ALARM)

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## CONTROLS FOR UNITS, STATIC, AIRY, OR HEAT

The family IDPLUS is especially suitable for stockists, since due to your **versatility allows you to reduce the number of codes** covering the maximum of possibilities.

**Up to 4 different schedules of pre-configured parameters.**

**Parameter Cold/Heat.**

Installation: on panel, with mounting hole 71x29mm (+0,2/-0,1 mm).

Usage temperature: -5...55°C.

Storage temperature: -30...85°C.

**Type of probe range: PTC, NTC AND PT1000.**

Simplified user interface.

List of parameters predefined  
- selectable and rearmable.

Function HACCP.

Is connected to TelevisSystem and  
ModBus.

New Unicard USB/TTL for upload/  
download of parameters.

**Technical Data** for models IDPLUS 902 - 961 -971 -974 -978 (See corresponding  
tables)

	<b>IDPLUS902</b>	<b>IDPLUS961</b>	<b>IDPLUS971</b>
<b>Display field</b>	probe NTC: -50,0...110,0° Cprobe PTC: -55,0...140,0° Cprobe Pt1000: -55,0...150,0°C	probe NTC: -50,0...110,0° Cprobe PTC: -55,0...140,0° Cprobe Pt1000: -55,0...150,0°C	probe NTC: -50,0...110,0° Cprobe PTC: -55,0...140,0° Cprobe Pt1000: -55,0...150,0°C
<b>Display</b>	with decimal point * 3 digits + sign	with decimal point * 3 digits + sign	with decimal point * 3 digits + sign
<b>Analog inputs</b>	1 PTC / NTC / Pt1000*	1 PTC / NTC / Pt1000*	2 PTC / NTC / Pt1000*
<b>Configurable inputs</b>	1 digital (SELV) / analogue (PTC/NTC/Pt1000)*	1 digital (SELV) / analogue (PTC/NTC/Pt1000)*	1 digital (SELV) / analogue (PTC/NTC/Pt1000)* 1 digital (SELV) / serial TTL *

	<b>IDPLUS902</b>	<b>IDPLUS961</b>	<b>IDPLUS971</b>
<b>Connectivity</b>	Port TTL for connection to Unicard/ Copy Card or to system monitoring TelevisSystem/ModBus* (need Bus Adapter)	Port TTL for connection to Unicard/ Copy Card or to system monitoring TelevisSystem/ModBus* (need Bus Adapter)	Port TTL for connection to Unicard/ Copy Card or to system monitoring TelevisSystem/ModBus* (need Bus Adapter)
<b>Digital outputs</b>	N. A. 8(4)A - N. C. 6(3)A max 250V~	1 SPST 2Hp 12(12)A 250V~ N. A.	1 SPDT ½Hp 8(4)A 250V~ N. A.1 SPST 2Hp 12(12)A 250V~
<b>Field measurement</b>	-55,0...150,0°C	-55,0...150,0°C	-55,0...150,0°C
<b>Consumption</b>	4.5 W max	4.5 W max	4.5 W max
<b>Power</b>	230V~ ±10% 50/60Hz12V~/c 10% 50/60Hz	230V~ ±10% 50/60Hz12V~/c 10% 50/60Hz	230V~ ±10% 50/60Hz12V~/c 10% 50/60Hz
<b>Dimensions</b>	74 x 32 x 59 mm	74 x 32 x 59 mm	74 x 32 x 59 mm
<b>HACCP</b>	present	present	present
<b>* selectable by parameter</b>			

	<b>IDPLUS974</b>	<b>IDPLUS978</b>
<b>Display field</b>	probe NTC: -50,0...110,0°C probe PTC: -55,0...140,0°C probe Pt1000: -55,0...150,0°C	probe NTC: -50,0...110,0°C probe PTC: -55,0...140,0°C probe Pt1000: -55,0...150,0°C
<b>Display</b>	with decimal point * 3 digits + sign	with decimal point * 3 digits + sign
<b>Analog inputs</b>	2 PTC / NTC / Pt1000*	2 PTC / NTC / Pt1000*
<b>Configurable inputs</b>	1 digital (SELV) / analogue (PTC/NTC/ Pt1000)* 1 digital (SELV) / serial TTL*	1 digital (SELV) / analogue (PTC/NTC/ Pt1000)* 1 digital (SELV) / serial TTL*
<b>Connectivity</b>	Port TTL for connection to Unicard/ Copy Card or to system monitoring TelevisSystem/ModBus* (need Bus Adapter)	Port TTL for connection to Unicard/ Copy Card or to system monitoring TelevisSystem/ModBus* (need Bus Adapter)
<b>Digital outputs</b>	1 SPDT ½Hp 8(4)A 250V~ N. A.1 SPST 2Hp 12(12)A 250V~1 SPST 5(2)A 250V~	1 SPDT ½Hp 8(4)A 250V~ N. A.1 SPST 5Hp 12(12)A 250V~1 SPST 1.5 HP 10(6)A 250V~1 SPST 5(2)A 250V~
<b>Field measurement</b>	-55,0...150,0°C	-55,0...150,0°C

	<b>IDPLUS974</b>	<b>IDPLUS978</b>
<b>Consumption</b>	3W max	3W max
<b>Power</b>	230V~ ±10% 50/60Hz 12V~/c 10% 50/60Hz	230V~ ±10% 50/60Hz 12V~/c 10% 50/60Hz
<b>Dimensions</b>	74 x 32 x 59 mm	74 x 32 x 59 mm
<b>HACCP</b>	present	present
<b>* selectable by parameter</b>		

## Characteristics

<b>Reference</b>	IDP24DB750000
<b>Model</b>	IDPLUS 978
<b>Relays</b>	4
<b>USB Unicard</b>	If
<b>Copy Card</b>	If
<b>Individual Packing</b>	If
<b>HACCP</b>	If
<b>D. I</b>	If
<b>Probes</b>	2 NTC, PTC, PT1000
<b>Digital Input</b>	If
<b>Format</b>	Panel 74x32
<b>Supply voltage</b>	230VAC