

# ID PLUS

The complete range of electronic controllers for refrigeration installers



## Flexible and simple operation

- 5 models cover the complete range of static and ventilated units
- Simple and intuitive menus for rapid learning
- Each model includes 4 default configurations for quick installation
- Rapid restoration of default controller configuration
- Clear display with large digits and coloured icons for at-a-glance status monitoring
- USB Unicard for quick and easy system customisation





## DESCRIPTION



### SIMPLE INSTALLATION

All models are supplied with 230V~.

IDPlus models 961/971/974 are fitted as standard with a 2 HP relay.

### HEATING/COOLING

The new controllers in the IDPlus 902 and 961 series are devices with one activation point, capable of operation in conjunction with both heated applications and static cold storage units at normal temperatures (over 0°C).

### COOLING

Controllers in the IDPLUS 971 series are devices suitable for static cold storage units at normal and sub-zero temperatures.

Controllers in the IDPLUS 974 series are suitable for static and ventilated cold storage units at sub-zero temperatures.

Controllers in the IDPLUS 978 series are suitable for small and medium-sized monoblock units.

### DISPLAY



IDPlus 902  
IDPlus 961



IDPlus 971  
IDPlus 974  
IDPlus 978

Model	Application	Families Replaced	Eliwell Codes Replaced
<b>IDPlus 902</b>	Heating/Cooling	IC901/IC902/ID961 (8A)	IC11..., IC16..., IC17...
<b>IDPlus 961</b>	Heating/Cooling	ID961 (1HP and 2HP)	ID11..., ID16..., ID17...
<b>IDPlus 971</b>	Cooling	ID961A/ID970/ID971	ID1A..., ID1B..., ID12..., ID22..., ID28..., ID29...
<b>IDPlus 974</b>	Cooling	ID974	ID23..., ID2C..., ID2E...
<b>IDPlus 978</b>	Cooling	ID975	ID24...

### TECHNICAL DATA\*

Front panel:	IP65
Dimensions:	front panel 74x32mm, depth 59mm
Mounting:	panel (with template 71x29mm)
Power supply:	12V~/... ±10% 50/60Hz 230V~ ±10% 50/60Hz
Power consumption:	3W max.
Analogue inputs:	1 PTC/NTC/PT1000 ( <b>IDPlus 902/961</b> ) or 2 PTC/NTC/PT1000 ( <b>IDPlus 971/974/978</b> )
Configurable inputs:	1 digital or analogue (PTC/NTC/PT1000)
Digital input:	1 configurable digital input on TTL ( <b>IDPlus 971/974/978</b> )
Digital outputs:	
	<b>IDPlus 902:</b> 1 SPDT ½HP 8(4)A 250V~
	<b>IDPlus 961:</b> 1 SPST 2HP 12(12)A 250V~
	<b>IDPlus 971:</b> 1 SPDT ½HP 8(4)A 250V~ 1 SPST 2HP 12(12)A 250V~
	<b>IDPlus 974:</b> 1 SPDT ½HP 8(4)A 250V~ 1 SPST 2HP 12(12)A 250V~ 1 SPST 5A 250V~
	<b>IDPlus 978:</b> 1 SPDT ½HP 8(4)A 250V~ 1 SPST 5A 250V~ 1 SPST ½HP 10(6)A 250V~ 1 SPST 5A 250V~
Display / icons:	3 digits + sign / 8 colour icons
Connections:	TTL port for connection to Copy Card, to USB Unicard or to TelevisSystem monitoring device/ModBus
Display range:	<ul style="list-style-type: none"> <li>• NTC probe: -50.0...110.0°C</li> <li>• PTC probe: -55.0...140.0°C</li> <li>• PT1000 probe: -55.0...150.0°C</li> </ul>

### USB UNICARD

The USB UNICARD can be used to upload/download instrument parameters. Its flexibility means the devices can be customised quickly and easily, thereby reducing the number of models needed to meet the requirements of various installations. UNICARD USB can be used to power the instrument directly

#### 1) Work bench power supply:



power supply  
Unicard

Unicard

Controller

#### 2) Field power supply:



Unicard

Controller

power supply  
controller



power supply  
Unicard

Unicard

Controller

\* Eliwell reserves the right to make changes to its instruments without notice

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