



Reference: EW2EDIEXC4780

EW2EDIEXC4780 ELIWELL EWPlus974 EO
2Hp/8a/5A NTC 230V

Buy it at [Electric Automation Network](#)



CONTROL FOR REFRIGERATION UNITS WITH ALGORITHMS ENERGY SAVINGS (EW PLUS
EO 961 - 971 - 974)

The family **EWPlus** it is distinguished by its flexibility and performance thanks to
the **algorithm saving and energy management of the compressor**.

Specific algorithms for bottle coolers, open and closed

Savings of up to 39% compared with controls electromechanical

Savings of up to 15% compared with controls, electronic

Prolongs the life of equipment and reduces maintenance

Protects the compressor from voltage drops

Protects from the overheating of the compressor

Management of pressure switches for maximum applications CO2

4 selectable setups for fast installation



Sensor of micro-gate virtual

Direct Control of loads up to
2HP

Use of terminals, removable/ faston/screw for greater speed and convenience in the wiring

Unicard USB for customizations

THERMOSTAT WITH DETECTION OF OVERVOLTAGES AND UNDER VOLTAGES (EW PLUS 961 - 971 - 974 EO LVD)

When the voltage drops below the minimum threshold or exceeds the maximum threshold, you disable one, two, or all of the outputs. (compressor, fans, defrost, lights, aux, etc.)

Increase of the useful life of furniture, cooled and lower maintenance costs.

Increase the life of the compressor by ensuring your behavior.

Power supply 230 Vac and 115 Vac

Accuracy +2%/+3%

	EW PLUS 961 EO/ EW PLUS 961 EO LVD	EW PLUS 971 EO/ EW PLUS 971 EO LVD	EW PLUS 974 EO/ EW PLUS 974 EO LVD
Display field	probe NTC: -50,0...110,0°C	probe NTC: -50,0...110,0°C	probe NTC: -50,0...110,0°C
Display	with decimal point * 3 digits + sign	with decimal point * 3 digits + sign	with decimal point * 3 digits + sign
Analog inputs	1 NTC	2 NTC	2 NTC
Configurable inputs	1 digital (SELV) 1 digital (SELV) / serial TTL*	1 digital (SELV) 1 digital (SELV) / serial TTL*	1 digital (SELV) 1 digital (SELV) / serial TTL*



	EW PLUS 961 EO/ EW PLUS 961 EO LVD	EW PLUS 971 EO/ EW PLUS 971 EO LVD	EW PLUS 974 EO/ EW PLUS 974 EO LVD
Connectivity	Port TTL for connection to Unicard/Copy Card or to system monitoring TelevisSystem (need Bus Adapter)	Port TTL for connection to Unicard/Copy Card or to system monitoring TelevisSystem (need Bus Adapter)	Port TTL for connection to Unicard/Copy Card or to system monitoring TelevisSystem (need Bus Adapter)
Digital outputs	1 SPST: 2Hp (12FLA - 72LRA) max 240V	1 SPDT: N. A. 8(4)A - N. C. 6(3)To max. 250V1 SPST: 2Hp (12FLA - 72LRA) max. 240V	1 SPDT: N. A. 8(4)A - N. C. 6(3)A max 250V1 SPST: 2Hp (12FLA - 72LRA) max 240V1 SPST: 5 A(2)A 250V~
Field measurement	-50,0...110,0°C	-50,0...110,0°C	-50,0...110,0°C
Precision	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
Consumption	4.5 W max	4.5 W max	4.5 W max
Power	230V~ ±10% 50/60Hz	230V~ ±10% 50/60Hz	230V~ ±10% 50/60Hz
Dimensions	74 x 32 x 59 mm	74 x 32 x 59 mm	74 x 32 x 59 mm
Detection of under voltage	No / Yes (only model LVD)	No / Yes (only model LVD)	No / Yes (only model LVD)
* selectable by parameter			

Characteristics

Reference	EW2EDIEXC4780
Model	EW PLUS 974 EO
Relays	3
USB Unicard	If
Copy Card	If
Packaging Manufacturer	If
Energy Saving	If
D. I	If
EO: Environmentally Optimised	If
Probes	2 NTC



Digital Input

If

Format

Panel 74x32

Supply voltage

230VAC