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eliwell

EW-130.251E

V 910

DRIVER FOR STEP-BY-STEP UNIPOLAR AND BIPOLAR EEVS SPECIFIC FOR SUB-CRITICAL CO₂ SYSTEMS



MODELS AVAILABLES

MODEL	CODE
V 910	EVD4A31BSH100
SKP 10	SKP1000000000
TRAFO 230/240 30A	TF111205

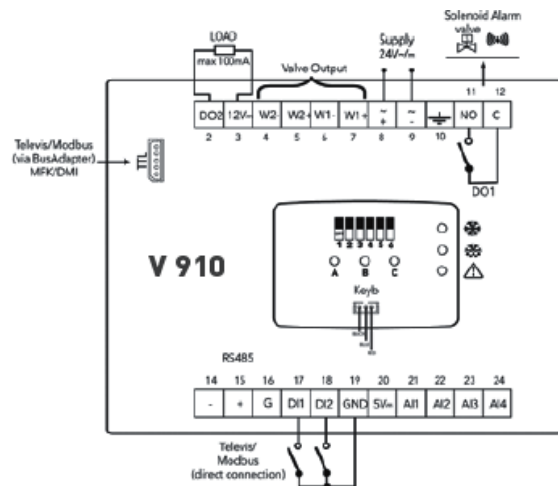
The V910 is an electronic control that enables multiple applications like:

- fluid injection allows for i Exchangers in systems cascade sub-critical CO₂.
- injection control protection temperature / discharge pressure.
- control liquid subcoolers.
- temperature control and injection fluid cooled enclosure.

Possibility of remote management via external digital inputs.

Compatible with all of Unipolar and Bipolar valves step by step market
Rapid configuration tool for PC Device Manager.

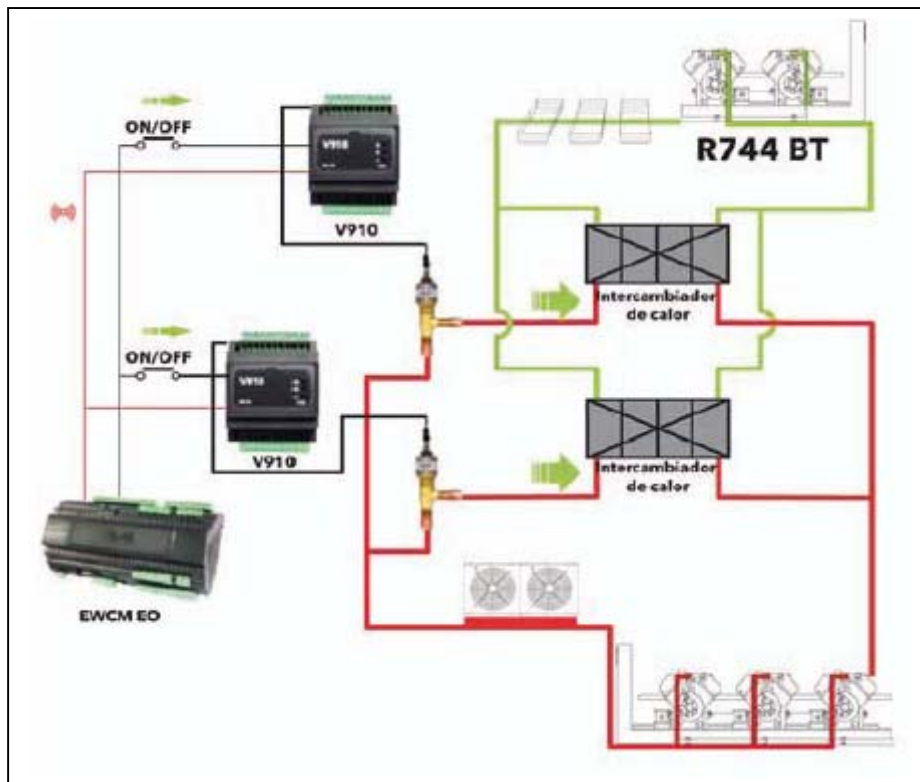
WIRING DIAGRAM



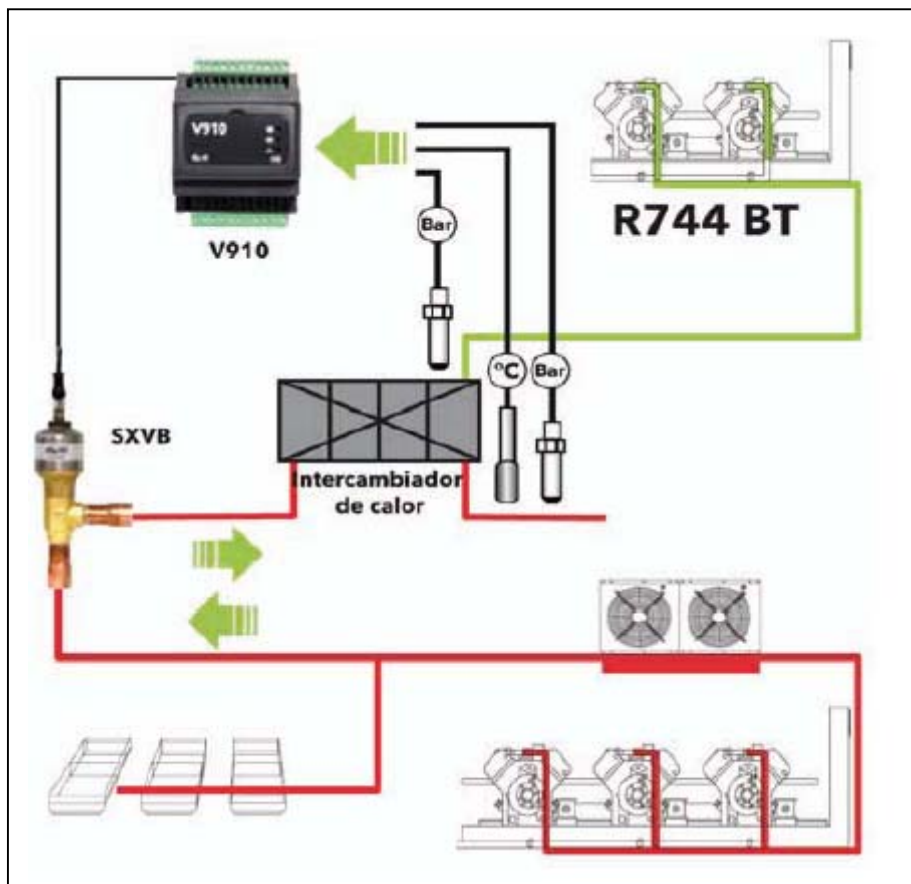
TECHNICAL DATA

	V 910
Analogue Inputs	2 NTC/Pt1000 2 NTC/extended NTC /Pt1000/4-20 mA/0-5 V/0-10 V
Digital Inputs	2 I.D. voltage free
Digital Output	relay 1 x 5A 250vAC
Digital Output Open Collector	Open Collector max. current 100 mA @12 Vc
Connectivity	• MFK connection to MFK • RS-485: connection Modbus/Televis or EWCM EO
Switch	6 way
Power consumption	30VA / 25W
Montaje	4D sin display
Power supply	24Vac/ 24Vdc ±10% 50/60Hz
Dimmensions	70 x 87 x 61 mm

APPLICATION EXAMPLES



Typical application: fluid injection control for compressor racks in cascade, using a SXVB series bipolar valve commanded by a V910 driver..



The V910 driver modulates fluid injection in the heat exchanger via the SXVB valve and cools the CO₂ refrigerant in the R744 LT compressor racks..