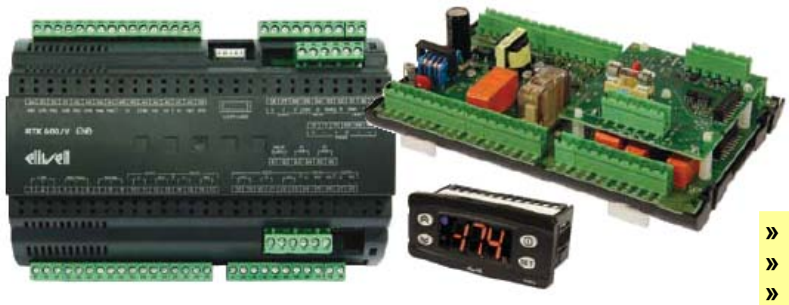
CRN TECNOPART, S.A.
Sant Roc 30
08340 VILASSAR DE MAR (Barcelona)
Tel 902 404 748 - 937 591 484 Fax 937 591 547
e-mail:crn@crntp.com http:// www.crntecnopart.com

EW-130.321E

RTX 600 / V – RTD 600 / V

ADVANCED CONTROL WITH MANAGEMENT ELECTRONIC EXPANSION VALVE AND ENERGY SAVING ALGORITHMS



» Integrated control of EEV pulse
» Intelligent management ofdefrosting.
» Energy Saving Algorithms.
» 8 preloaded applications.
»Defrost single / dual evaporator
»Frame Heater
» Single and double thermostat
» Regulation tube supply and return
» Dynamic management of the evaporator fans
»Local Auto-configuration network
»Direct connection to the loads
»Unique model support ac / dc valves

AVAILABLE MODELS

MODEL	CODE
RTX 600/V + KDE Plus	EWKRTX00000000
RTX 600/V	RTXNVBM0S3H00
RTD 600/V	RTDNVBM4S3H00

TECHNICAL DATA

	RTX 600/V	RTD 600/V
Size	10 DIN modules	10 DIN modules
Mounting	DIN bar	DIN bar
Range	NTC probe: -50,0...110,0°C PTC probe: -55,0...140,0°C PT1000 probe -60,0..150,0 ºC	NTC probe: -50,0...110,0°C PTC probe: -55,0...140,0°C PT1000 probe -60,0..150,0 ºC
Display	3 digits and half + sign decimal point *	3 digits and half + sign decimal point *
Analog inputs	5 NTC/PTC/PT1000/D.I. *	5 NTC/PTC/PT1000/D.I. *
Digital inputs	3 inputs voltage free	3 inputs voltage free
Serial outputs	TTL port for connection to CopyCard RS-485 ModBus/Televis	TTL port for connection to CopyCard RS-485 ModBus/Televis
Digital outputs	2 SPST 16(8)A 250V 1 SPDT 16(8)A 250V 1 SPST 8(4)A 250V 1 SPDT 8(4)A 250V	2 SPST 16(8)A 250V 1 SPDT 16(8)A 250V 1 SPST 8(4)A 250V 1 SPDT 8(4)A 250V
Analog outputs	1 D.A.C. 0...10V / 4...20mA 1 Open Collector (12V dc-20mA)	1 D.A.C. 0...10V / 4...20mA 1 Open Collector (12V dc-20mA)
EEV pulse output	relay SSR 100-240V ac/dc; Imax= 300mA	relay SSR 100-240V ac/dc; Imax= 300mA
Accuracy	better than 0.5% full scale + 1 digit	better than 0.5% full scale + 1 digit

* selectable by parameter

TECHNICAL DATA

	RTX 600/V	RTD 600/V
Resolution	1 or 0,1°C	1 or 0,1°C
Power consumption	7,5W max	7,5W max
Power supply	SMPS 100-240V ±10% 50/60Hz	SMPS 100-240V ±10% 50/60Hz
Clock	present	present
Link 2	present	present

WIRING DIAGRAM