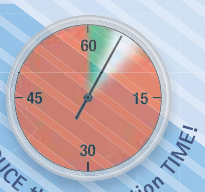
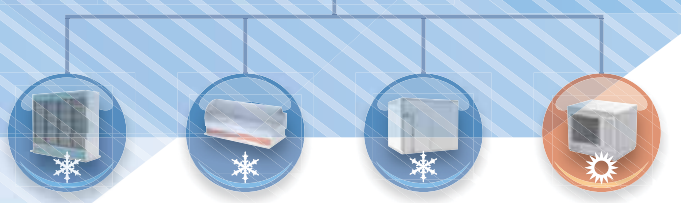
CX: 32x74mm





UNIVERSAL-R: HEATING APPLICATIONS, NT and LT – 7 PRE-CONFIGURED MAPS

- Designed to replace over 150 models of refrigeration/heating controllers in 32x74mm format
- Easy and quick installation
- Rapid set-up in 3 simple steps
- Dual voltage power supply 12Vac/dc and 230Vac
- Specific functions to control twin evaporator defrost
- Automatic probe detection
- Complete condenser management
- Hot Key or Prog Tool Kit connector for quick and easy programming
- 3VA max power absorption
- Display with red LED (10.5 mm high) and icons
- 7 pre-configured applications selectable from parameter **tC**
  - **tC1** = on/off thermostat – cooling
  - **tC2** = thermostat with off cycle defrost
  - **tC3** = thermostat with electric/hot gas defrost, time initiated and time terminated
  - **tC4** = thermostat with electric/hot gas defrost, time initiated and temperature terminated
  - **tC5** = thermostat with electric/hot gas defrost, time initiated and temperature terminated and evaporator fan
  - **tC6** = twin evaporator defrost applications
  - **tC7** = on/off thermostat - heating

HOW to ORDER

UNIVERSAL-R

U	N	I	V	-	R	4	-	6	B	1	D	0

B	D
Inputs	**Measurement unit**
P = PTC	**C** = °C
N = NTC	**F** = °F

UNIVERSAL CONTROLLER for SERVICE REPLACEMENT

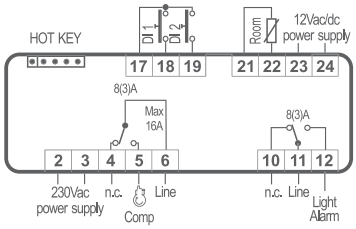
UNIVERSAL-R

CX: 32x74mm

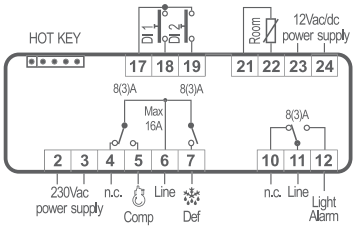
UNIV-R4 | Controller for service replacement of refrigeration and heating controllers with 7 pre-configured maps

FEATURES	UNIV-R4 (tC=1)	UNIV-R4 (tC=2)	UNIV-R4 (tC=3)	UNIV-R4 (tC=4)	UNIV-R4 (tC=5)	UNIV-R4 (tC=6)	UNIV-R4 (tC=7)
Display: n° digits	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.
Power supply	12Vac/dc 230Vac	12Vac/dc 230Vac	12Vac/dc 230Vac	12Vac/dc 230Vac	12Vac/dc 230Vac	12Vac/dc 230Vac	12Vac/dc 230Vac
Probe inputs							
Thermostat	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Defrost				NTC, PTC	NTC, PTC	NTC, PTC	
Defrost 2						NTC, PTC	
Digital inputs							
Alarm, defrost, AUX, door switch, pressure switch, ON/OFF, energy saving	2 x config	2 x config	2 x config	2 x config	2 x config	1 x config	2 x config
Relay outputs							
Compressor	8A	8A	8A	8A	8A	8A	
Defrost			8A	8A	8A	8A	
Defrost 2						8A	
Fans					8A	8A	
Light or alarm	8A	8A	8A	8A	8A		8A
Heating							8A
Other							
Hot Key/Prog Tool Kit output	pres	pres	pres	pres	pres	pres	pres
Buzzer	pres	pres	pres	pres	pres	pres	pres

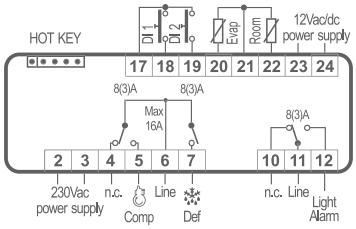
UNIV-R4 (tC 1-2)



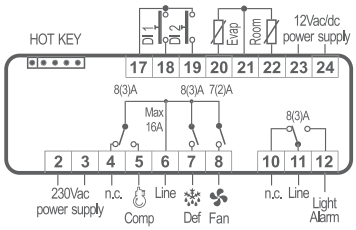
UNIV-R4 (tC 3)



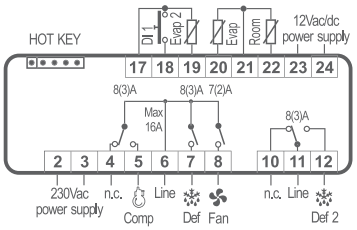
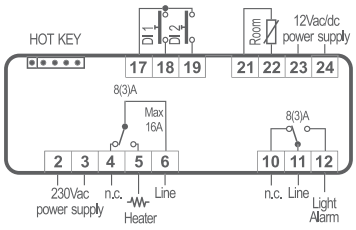
UNIV-R4 (tC 4)



UNIV-R4 (tC 5)



UNIV-R4 (tC 6)



UNIV-R4 (tC 7)