

EWRC 550 LX - EWRC 800 LX



Applications

Controllers with advanced operational features for applications with double compartment cold rooms, with temperature, humidity and fan speed control and serial connection for synchronised defrosting management and the installation of a remote keyboard.

Common features

Front panel: IP54

Container: Bayblend FR110

Dimensions: front panel 210x245mm, depth 90mm

Installation: wall

Operating temperature: -5...50°C

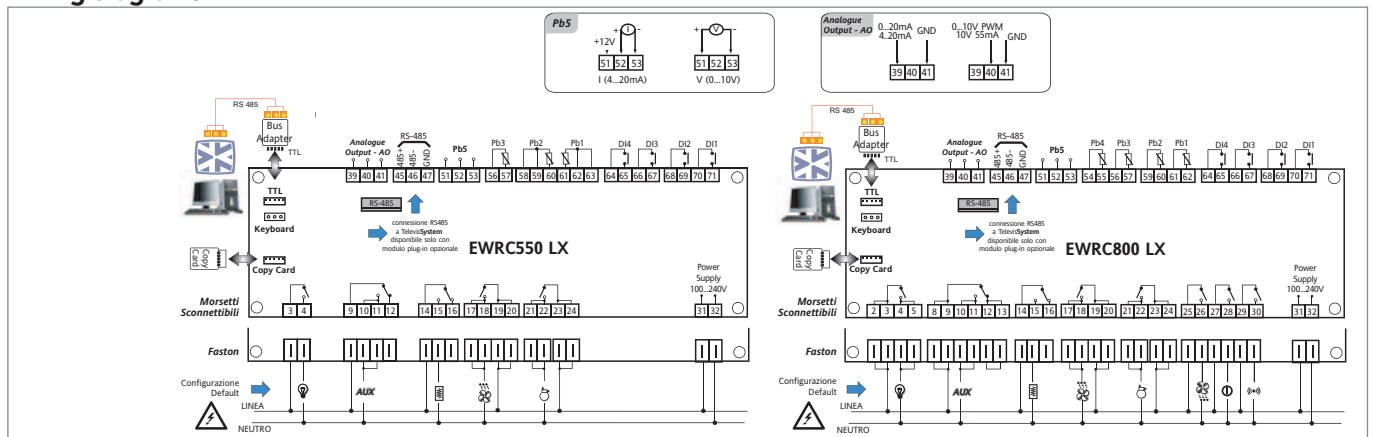
Storage temperature: -20...85°C

Ambient operation and storage humidity:
10...90% RH (non-condensing)

General features	EWRC550 LX	EWRC800 LX
Display:	no decimal point * 2 displays: 3 digits + sign and 4 digits	no decimal point * 2 displays: 3 digits + sign and 4 digits
Analogue inputs:	2 Pt100 + 1 NTC/PTC* + 1 4...20mA/0...10V*	4 NTC/PTC* + 1 4...20mA/0...10V *
Digital inputs:	4 clean contacts at extra low safety voltage	4 clean contacts at extra low safety voltage
Connections:	TTL port for connection to Copy Card and TelevisSystem RS-485 serial port on optional plug-in module	TTL port for connection to Copy Card and TelevisSystem RS-485 serial port on optional plug-in module
Digital outputs:	1 SPST 2Hp 12(12)A 250V~ 1 SPST 1Hp 8(8)A 250V~ 2 SPDT ½Hp 8(4)A 250V~ 1 SPST ½Hp 8(4)A 250V~	3 SPST ½Hp 8(4)A 250V~ 1 SPST 2Hp 12(12)A 250V~ 1 SPDT 1Hp 8(8)A 250V~ 1 SPDT ½Hp 8(4)A 250V~ 2 SPST 1Hp 8(8)A 250V~
Analogue outputs:	1 configurable analogue output (see wiring diagram)	1 configurable analogue output (see wiring diagram)
Measurement range:	-200...800°C	-55...150°C
Accuracy:	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
Power supply:	100...240Va ±10% 50/60Hz	100...240Va ±10% 50/60Hz
Power consumption:	15W max	15W max
Power terminals:	6.3mm faston - removable terminals	6.3mm faston - removable terminals
HACCP:	optional	optional
Clock:	present	present
Power switch:	optional	optional

*(selectable by parameter)

Wiring diagrams



Codes

p/n	descr.	Power supply	p/n	descr.	Power supply
RCEMIPTX1HH10	EWRC 550 LX Pt100	100...240V~	RCE48DTX1HH10	EWRC 800 LX	100...240V~