Innovative control generation

Full touch controllers for refrigeration, food service and catering

DIXELL™

EMERSON

XR-T
XRi-T

PATENT PENDING

FULL TOUCH technology

think natural
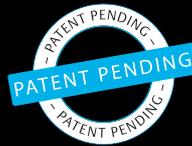
Innovative control generation

XR-T & XRi-T is the innovative family of Full Touch controllers, dedicated to commercial refrigeration and food service, which introduces a new way to interact with your system. A greatest number of information, easy to clean, intuitive interaction, and more... are only some of several functions that characterize these new controllers.

Their sleek design make these controllers particularly appreciated and the ideal solution for: ice cream freezers, pastry refrigerators, warm cabinets, refrigerated cabinets, wine cellars, showcases and refrigerated counters.

- Capacitive touch user interface
- Interactive and ultra-wide display
- Compatible with Low GWP Refrigerants
- Water and dust resistant
- Reduced learning curve through simplified navigation and common gestures
- Quick installation and service operation

Gestures

Tap and Hold
Activate/Deactivate/Save

One Tap
Switch ON/Switch OFF
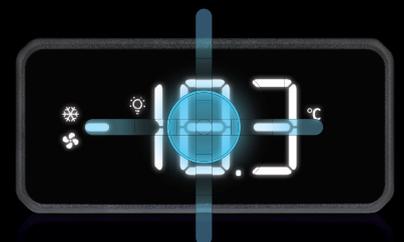
Swipe
Change Screen/Browse/Modify

|		
XRi30T	Full touch controller for plug-in unit with variable speed compressor	
XRi31T	Full touch controller for plug-in unit with variable speed compressor/fan	
XR60T	Full touch controller for ventilated applications	
XR70T	Full touch controller with auxiliary relay for ventilated applications	

FEATURES	XRi30T	XRi31T	XR60T	XR70T
Display: n° digits	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.
Power supply	110, 230Vac 90÷260Vac	110, 230Vac 90÷260Vac	110, 230Vac 90÷260Vac	110, 230Vac 90÷260Vac
Probe inputs				
Thermostat, defrost, evaporator fans, condenser, AUX	3 x NTC/PTC/PT1000 config	3 x NTC/PTC/PT1000 config	up to 4 x NTC/PTC/PT1000 config	up to 4 x NTC/PTC/PT1000 config
Digital inputs				
Generic alarm, block alarm, pressostat alarm, door switch, start defrost, AUX, energy saving, ON/OFF, map change	up to 2 x config	up to 2 x config	up to 2 x config	up to 2 x config
Relay outputs				
ON/OFF, defrost, evaporator fans, condenser fans, alarm, light, AUX, energy saving	16A + 8A SPDT config	16A + 8A SPDT config	16A +8A + 8A SPDT config	16A +8A + 8A SPDT + 5A config
Other				
Hot Key output	pres	pres	pres	pres
Frequency output	pres	pres	-	-
0÷10Vdc output	-	pres	-	-
Serial output	TTL	TTL	TTL	TTL
Buzzer	config	config	config	config
Real time clock	opt	opt	opt	opt

XRi31T

DI1/Pb3 Pb2 Pb1
9 10 11 12

8(3)A250V~   16(5)A250V~
Max 16A

A4 A3
A2 A1

1 2 3 4 5
NI IL oA2 N.C. oA1
Power Supply
Frequency 0÷10Vdc
Hot Key Pb4 / TTL / DI2

XR70T

DI1/Pb3 Pb2 Pb1
9 10 11 12

5A 250V~   8(3)A250V~
Max 16A   16(5)A   8(3)A250V~

1 2 3 4 5 6 7 8
Line oA3 oA1 oA4 Power Supply oA2 N.C.
Hot Key Pb4 / TTL / DI2
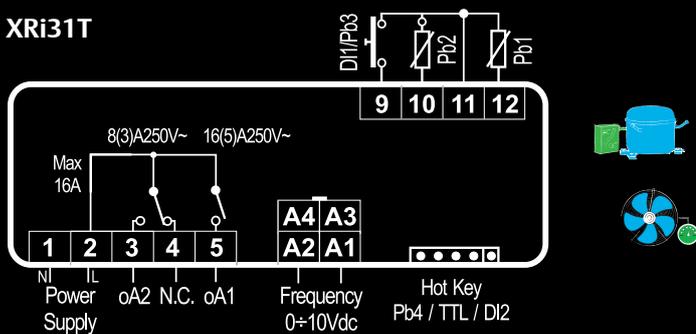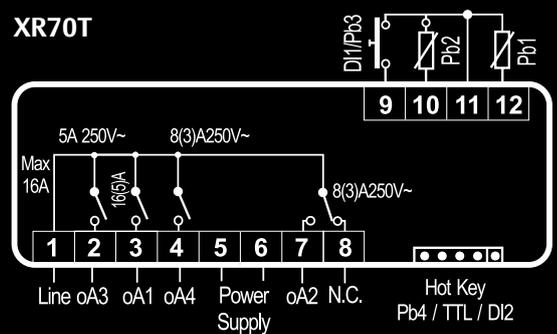
Dimensions & Cut-out

29
71
38
80
81
3,3
4
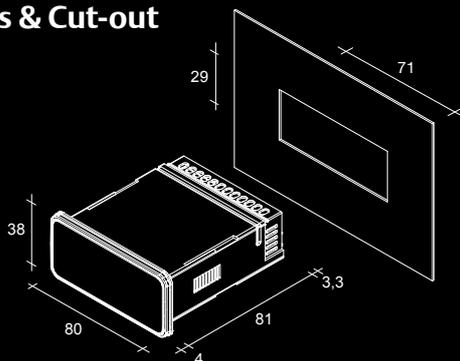
Website

Stay tuned on
fulltouch.info
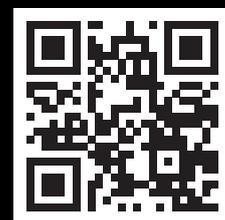
EmersonClimate.eu

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