D: 4 DIN Rail

PRIME D SERIES: NT and LT APPLICATIONS

- Innovative digital controllers dedicated to normal and low temperature refrigerated applications
- Direct line power supply 230 (110)Vac. No external transformer required
- Direct driving of compressors up to 1.2HP, (20A relay inside)
- Pre-programming of the main control variables, easy and intuitive programming mode
- Keyboard lock, alarm signalling by relay, display or buzzer
- Configurable digital input for door swtich, defrost, general or serious alarm
- Auxiliary relay activated through keys or digital input
- Hot Key connector for quick and easy programming
- HACCP function
- 3VA max power absorption
- Display with red LED (13.2mm high)

HOW to ORDER

PRIME D | X | R | | | D | - | A | B | C | D | E |

-17.8 For blue display please contact Dixell

A	B	C	D	E
Power supply	**Inputs**	**Buzzer**	**Measurement unit**	**Compressor output**
2 = 24Vac	**P** = PTC	**0** = No	**C** = °C	**0** = 8A
4 = 110Vac	**N** = NTC	**1** = Yes	**F** = °F	**1** = 20A
5 = 230Vac			**H** = °C heating only for XR10D	
			L = °F heating only for XR10D	

THERMOSTAT and CONTROLLERS for STATIC or VENTILATED APPLICATIONS or for MILK COOLING

PRIME D

XR10D	Digital thermostat with heating or cooling action
XR20D	Digital controller for NT with "off cycle" defrost
XR30D	Digital controller for NT with "off cycle" defrost and additional configurable relay
XR60D	Digital controller for NT and LT ventilated applications with door switch capability
XR70D	Digital controller for NT and LT ventilated applications with door switch capability and auxiliary relay
XR80D	Digital controller for milk cooling with agitation cycle capability

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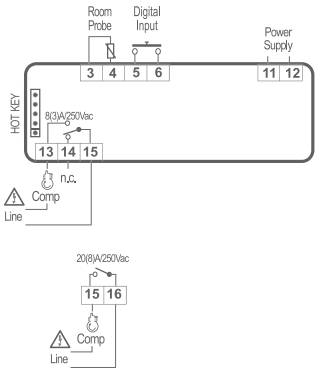
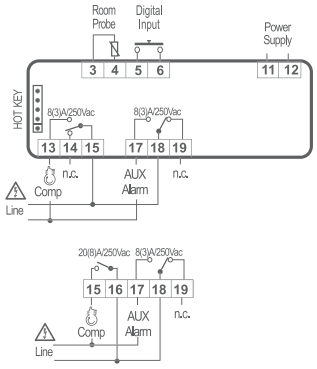
FEATURES	XR10D	XR20D	XR30D	XR60D	XR70D	XR80D
Display: n° digits	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.
Power supply	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac
Probe inputs						
Thermostat	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Defrost				NTC, PTC	NTC, PTC	
Digital inputs						
Alarm, start defrost, AUX, door switch, pressure switch	config	config	config	config	config	
Relay outputs						
Compressor	no 8A/nc 5A, 20A	no 8A/nc 5A, 20A	no 8A/nc 5A, 20A	no 8A/nc 5A, 20A	no 8A/nc 5A, 20A	no 8A/nc 5A, 20A
Defrost				no 8A/nc 5A	no 8A/nc 5A	
Fans				8A	8A	
Alarm					no 8A/nc 5A	
Agitator						no 8A/nc 5A
Alarm or auxiliary			no 8A/nc 5A			
Other						
Functions	HACCP	HACCP	HACCP	HACCP	HACCP	min/max
Hot Key output	pres	pres	pres	pres	pres	pres
Buzzer	opt	opt	opt	opt	opt	opt

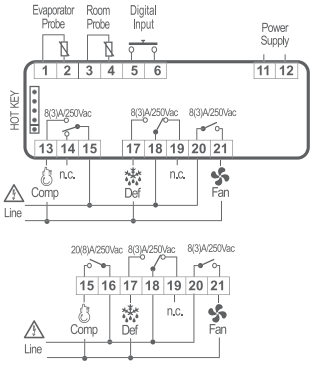
XR10D – XR20D



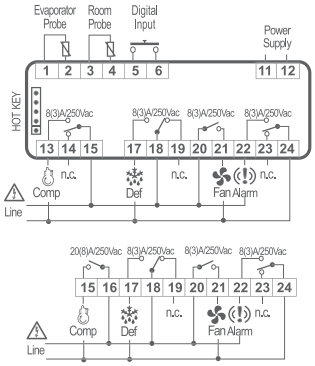
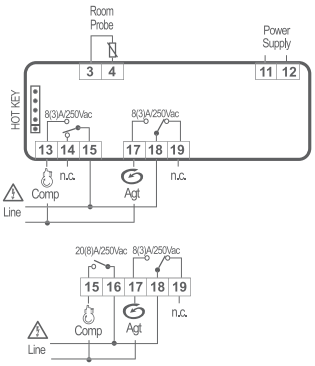
XR30D



XR60D



XR70D



XR80D