

E-Class CH

Basic refrigeration controllers in CH format



The E-Class family of controllers for the N.T. and L.T. refrigeration market, has been renewed with the introduction of new important features, such as:

a wider display, the compatibility with new low GWP refrigerants and new functionalities, as well as the elegant and innovative CH aesthetic.

Product news 04/18

COPELAND

1. Functions

- Easy and intuitive programming mode
- Reduced number of parameters
- Further functions: keyboard lock, alarm management
- Ideal also for applications with reduced mounting depth (only 50mm)
- Increasing temperature display delay
- Neutral zone management
- Compressor relay up to 1,2HP (20A)
- ON/OFF function
- Hot key connector

2. Front panel

Moving ahead with the standardization process of its devices, Copeland renews the aesthetic of the E-Class family. A look that stands out for its elegance and sophisticated details with a wider display for clear and continuous monitoring.



- ✓ 4 keys
- ✓ 2 digits
- ✓ Large display with dedicated icons
- ✓ Red (standard) white and blue display

3. Reduced depth

The E-Class CH family, depending on the model, is available in standard or short version (depth 50mm) for OEM applications with reduced mounting depth.

- XR02CH
- XR03CH
- XR06CH
- XR07CH



Short version

4. Environmental safeguard

Copeland has always given special attention to environmental safeguard and offers solutions designed to meet the market needs using eco-compatible refrigerants such as the propane one.



E-Class CH controllers are provided with relays suitable for ATEX applications since they've been tested following the EN60079-15 regulation.

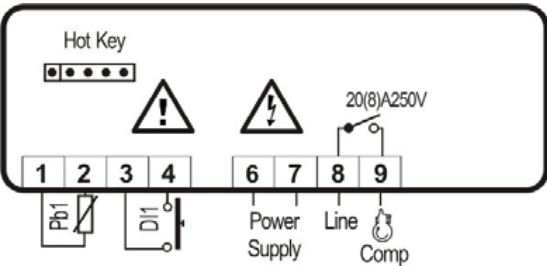
5. Technical features

	XR02CH	XR03CH	XR06CH	XR07CH
Display				
Power supply	110, 230Vac	110, 230Vac	110, 230Vac	110, 230Vac
Probe inputs	1 X NTC		2 X NTC	2 X NTC
Digital inputs				
Relay outputs				
External ports				
Connections				
Buzzer				

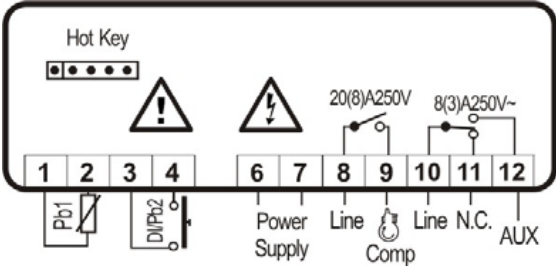
*Up to 2 NTC if the digital input is configured as probe

5.1 Connections

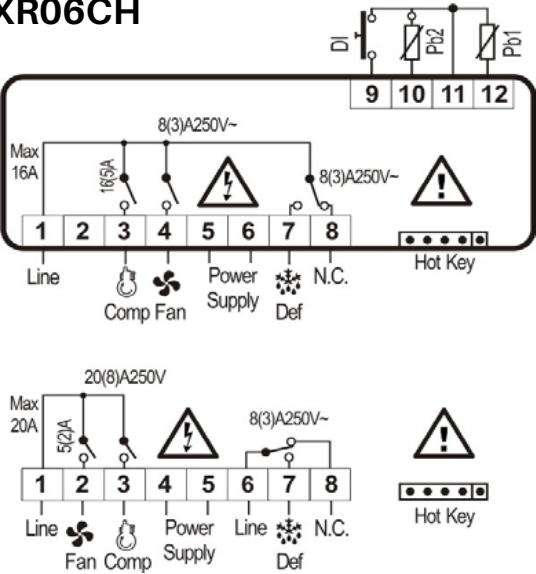
XR02CH



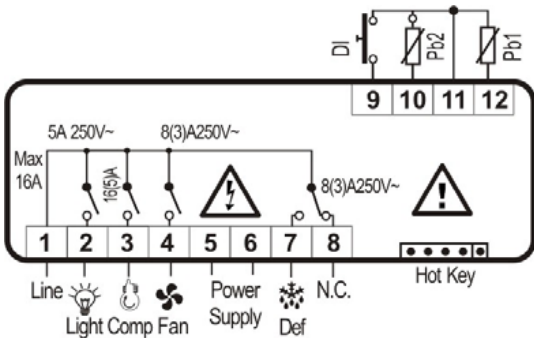
XR03CH



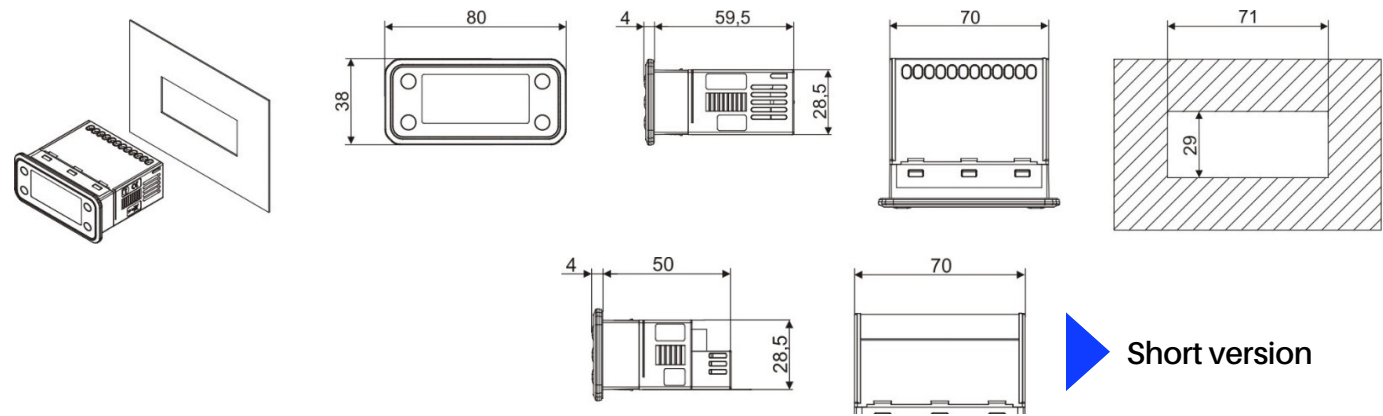
XR06CH




XR07CH




5.2 Dimensions and cut out




6. Main accessories



MDP/CX (only for version with long case)
Plastic protection against dripping on terminal blocks



Hot key
Key for a quick and easy parameter update



Wizmate prog-tool kit
Programming tool to change in an easy and quick way the device configuration by using the Wizmate software

7. How to order

X	R	O	-	C	H	-	A	B	C	D	E
A		B		C			D		E		
Power supply		Display		Probe connections			Measurement unit		Compressor output		
4 = 110Vac		N = red		1 = screw			C = °C		1 = 20A		
5 = 230Vac		R = blue		2 = disconnectable 90°			F = °F		2 = 16A		
		W = white							3 = 16A		
									U = 20A		

8. Prices

Please contact our sales department for prices and further information.

9. Availability and orders

Please contact our sales department for delivery time.

About Copeland

Copeland is a global leader in sustainable heating, cooling, refrigeration and industrial solutions. We help commercial, industrial, refrigeration and residential customers reduce their carbon emissions and improve energy efficiency. We address issues like climate change, growing populations, electricity demands and complex global supply chains with innovations that advance the energy transition, accelerate the adoption of climate friendly low GWP (Global Warming Potential) and natural refrigerants, and safeguard the world’s most critical goods through an efficient and sustainable cold chain. We have over 18,000 employees, with feet on the ground in 50 countries - a global presence that makes it possible to serve customers wherever they are in the world and meet challenges with scale and speed. Our industry-leading brands and diversified portfolio deliver innovation and technology proven in over 200 million installations worldwide. Together, we create sustainable solutions that improve lives and protect the planet today and for future generations. For more information, visit copeland.com.

To learn more, visit copeland.com

