



## easy split electronic controller for plug-in refrigeration units

easy split is the new controller of the easy series for the control of low temperature or normal temperature refrigeration units fitted with inside lighting.

The thin user terminal is separated by the power board and is suitable for standard insulation thickness. The easy cabling of the power board is supported by the integrated terminals for loads.

easy split manages up to two compressors, managing delayed activation in parallel or in two steps, including rotation. Management of the compressor is handled by the 30 A relay, UL certified up to 96 LRA.

Special focus has been placed on Energy Saving, offering the possibility to manage the loads with tried-and-tested operating modes, such as night-time operation and fan management with compressors off. Management of the light associated with the door switch has been extended, differentiating the solutions for cabinets or cold rooms.

- management of 2 compressors;
- dedicated light output;
- smaller electrical panel and lower installation costs;
- large display;
- reduced depth;
- display can be installed up to 10 m away;
- automatic set point variation and light management.

## CAREL flexibility at your service

easy split shares many features and functions with the other easy series controllers.

Pleasant appearance, thanks to the larger display and innovative keypad. Configuration is made easy by 4 sets of parameters already loaded on the device; these can be selected from the keypad at any time, even when the controller is already operating on the refrigeration unit.

The power board is supplied in two versions, with or without plastic box.

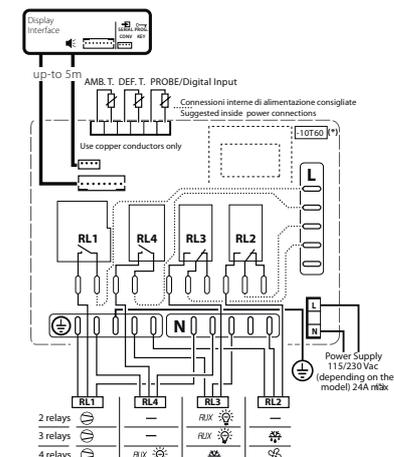
The connectors already available on the power board allow direct connection to the loads, with just

one single point of access to phase, neutral and earth. The connection cable between the power board and the user interface can be ordered separately as an accessory and is available in different lengths, up to 10 m. The series of product codes available is completed by two different power supply versions, 115 VAC and 230 VAC, plus the clock option.



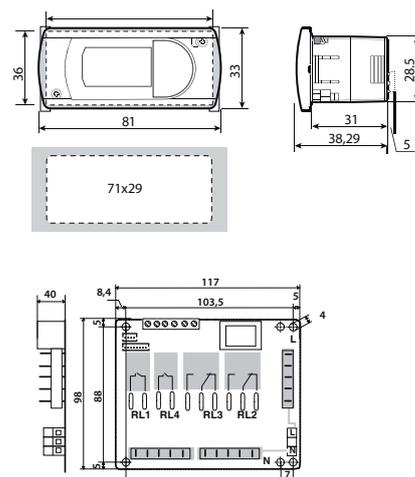
## Connection diagram

### Collegamenti elettrici / Electrical connections



(\*) per i codici PJEZ8\*\*S\* il range di temperatura è: -10/50°C e la corrente massima è di 16A (vedere tab. caratter. tecniche)  
 (\*) for codes PJEZ8\*\*S\*, the temperature range is: -10/50°C and the maximum current is 16 A (see technical specifications).

## Dimensions in mm



Code	Description
PJEZS8I050	easy split 230 Vac, 30 A, 16 A, red display, electrical panel
PJEZX8I050	easy split 230 Vac, 30 A, 16 A, 16 A, red display, WITH BOX
PJEZC8R050	easy split 230 Vac, 30 A, 2 HP, 16 A, 16 A, red display, RTC WITH BOX
PJEZC8I040	easy split 230 Vac, 30 A, 2 HP, 16 A, 16 A, red display, NO BOX
PJEZC8I050	easy split 230 Vac, 30 A, 2 HP, 16 A, 16 A, red display, WITH BOX
PJEZC8I140	easy split 115 Vac, 30 A, 2 HP, 16 A, 16 A, red display, NO BOX
PJEZC8R140	easy split 115 Vac, 30 A, 2 HP, 16 A, 16 A, red display, RTC NO BOX
PEOPZC1500	easy split 1.5 m connection cable
PEOPZC3000	easy split 3 m connection cable
PEOPZC5000	easy split 5 m connection cable
PEOPZC9900	easy split 10 m connection cable



### Easy saving

Reduced energy consumption based on time bands.



### Easy light

Direct light management with dedicated button.



### Easy twin

Accurate management of tandem compressors.

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