

## Declaration of Conformity

Manufacturer: **CAREL Industries S.p.A.**

Via dell'Industria, 11 35020 Brugine (PD) Italy

### PJ EZ Normal: electronic controller for static/ ventilated normal/ low temperature units

Code	Description
<b>PJ</b> abcdefgh	CAREL version PJEZ easy
<b>PZ</b> abcdefgh	customized version PJEZ easy
<b>aa:</b>	<b>EZ, S1, S2, S3, S4, S5, S...</b> = CAREL version alphanumeric characters = customized version
<b>b:</b>	<b>M</b> = 0 relais, <b>S</b> = 1 relay, <b>X</b> = 2 independent relais, <b>Y</b> = 2 relais, <b>C</b> = 3 relais
<b>c:</b>	<b>0</b> = NTC probes with buzzer, <b>1</b> = NTC probes, <b>2</b> = NTC probes with buzzer, <b>3</b> = NTC probes wide range, <b>6</b> = PTC probes with buzzer, <b>7</b> = PTC probes
<b>d:</b>	<b>N</b> = 0 relais (PJEZM), <b>0</b> = 8A, <b>D</b> = 8A+AUX(8A) (PJEZS), <b>P</b> = 16A, independent outputs relais, <b>R</b> = 16A+AUX(8A), RTC (PJEZS/Y), <b>H</b> = 2HP, independent outputs relais, <b>F</b> = 2HP+ AUX(8A), <b>A</b> = 8A+AUX(8A), independent outputs relais (PJEZS/Y), <b>T</b> = 16A+AUX(8A), <b>V</b> = 16A+AUX(8A) (PJEZS/Y), independent outputs relais, <b>G</b> = 2HP+AUX(8A), independent outputs relais (PJEZS/Y), <b>C</b> = 8A,RTC (PJEZX/Y/C), <b>S</b> = 16A,RTC (PJEZX/Y/C), <b>M</b> = 2HP, RTC (PJEZX/Y/C), <b>L</b> = 8A+AUX(8A) RTC (PJEZS/Y),RTC, <b>B</b> = 2HP+AUX (8A), RTC (PJEZS/Y), <b>Z</b> = entry level, white, no defrost
<b>e:</b>	<b>0</b> = 230 Vac red display, <b>1</b> = 115 Vac red display, <b>2</b> = 12 Vac red display, <b>G</b> = 230 Vac green display, <b>3</b> = 115 Vac green display, <b>4</b> = 12 Vac green display, <b>B</b> = 230 Vac blue display, <b>5</b> = 115 Vac blue display, <b>6</b> = 12 Vac blue display
<b>f:</b>	<b>0</b> = removable terminal blocks, with serial, 3 inputs, <b>1</b> = fixed terminal blocks, with serial, 3 inputs, <b>E</b> = fixed terminal blocks, 1 inp. PJEZM no keyboard, 1 inp. PJEZS, <b>2</b> = faston+ removable terminal blocks, with serial, 3 inputs, <b>3</b> = faston+ fixed terminal blocks, with serial, 3 inputs
<b>g:</b>	<b>0</b> = standard, <b>x</b> = alphanumeric character= customized version, <b>P</b> = single package with 1 probe HP(NTC) or WO(PTC) 1,5 mt. in length, <b>Q</b> = single package with 1 probe HP(NTC) or WO(PTC) 0,8 mt. in length, <b>W</b> = single package with 1 probe WP(NTC)1,5 mt. in length, <b>X</b> = single package with 1 probe WP(NTC) 0,8 mt. in length
<b>h:</b>	<b>blank</b> = single package std. CAREL, <b>K</b> = kit/ kit

We hereby declares that all the above indicated products comply with the requirements of standard **EN 60079-15:2005**, as required by the standards **EN 60335-2-40/A1:2006-04** and **EN 60335-2-89:2010** in case of using hydrocarbon refrigeration gases (e.g. R290 Propane and R600a Isobutane). Compliance is based on tests performed on following electromechanical relays, used on listed above products:

Code: RY211012 - Manufacturer: TYCO ELECTRONICS AUSTRIA GMBH (8A relay)

Code: HF118F-012-1ZS1T - Manufacturer: XIAMEN HONGFA ELECTROACOUSTIC (8A relay)

Code: G6RL-1- 12VDC (SP) - Manufacturer: OMRON (8A relay)

Code: JS12-K - Manufacturer: FUJITSU (8A relay)

Code: RT314012 - Manufacturer: TYCO ELECTRONICS AUSTRIA GMBH (16A relay)

Code: JQX-115-012-1ZS3B - Manufacturer: XIAMEN HONGFA ELECTROACOUSTIC (16A relay)

Code: G2RL-1A-E 12VDC - Manufacturer: OMRON (17A relay)

Code: FTR K1AK012T - Manufacturer: FUJITSU (17A relay)

Code: 888H-1A-H-F-C-IR - Manufacturer: SONG CHUAN PRECISION CO. LTD (17A relay)

Such relays have passed successfully all the type tests for the presumption of conformity to **ATEX Directive 94/9/EC** for Group II, Category 3G, as component with type of protection Ex nC "Enclosed-break device" and "sealed device" in accordance with harmonized standard EN 60079-15:2005 - Type of protection **Ex nC IIC T4; Amb. T - 10 °C + 50 °C**.

Brugine, 7<sup>th</sup> January 2014

CAREL INDUSTRIES S.p.A.  
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