

## Declaration of Conformity

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

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

### IR33 universal - electronic controllers with universal inputs

Code	Description
<b>IR33bcdefgh</b>	IR33 electronic controller standard Carel version
<b>IRaabcdefgh</b>	IR33 electronic controller customized version
<b>aa:</b>	<b>33</b> = Carel standard version, <b>letters</b> = customized version
<b>b:</b>	<b>V</b> = 1 relay, <b>W</b> = 2 relays; <b>Z</b> = 4 relays; <b>D</b> = 1 SSR; <b>A</b> = 4 SSR; <b>B</b> = 1 relay + 1 An. Out; <b>E</b> = 2 relays + 2 An. Out;
<b>c:</b>	<b>7</b> = NTC, PTC, PT1000 probe, <b>8, 9</b> =multi-input
<b>d:</b>	<b>L</b> = 12/24 Vac; <b>M</b> = 24Vac-dc; <b>H</b> = 115/230 Vac (switching)
<b>e:</b>	<b>N</b> = no options, <b>R</b> = infrared receiver, <b>B</b> = clock+infrared receiver,
<b>f:</b>	<b>0</b> = screw terminal blocks; <b>2</b> = removable terminal blocks <b>0</b> = standard, <b>x</b> = letter/number= customization identification
<b>g:</b>	
<b>h:</b>	<b>blank</b> = single package, <b>1</b> = multiple package 20 pcs., <b>3</b> = multiple package 30 pcs., <b>5</b> = multiple package 50 pcs, <b>K</b> = kit

We hereby declares that all the above indicated products comply with the requirements of standard **IEC 60079-15 edition 4**, as required by the standards **EN 60335-2-24:2011**, **EN 60335-2-40/A1:2007** and **EN 60335-2-89:2011** in case of using hydrocarbon refrigeration gas (e.g. R290 Propane and R600a Isobutane).

Compliance is confirmed when following electromechanical relays are used on products listed above:

Code: JV 12S-KT - Manufacturer: FUJITSU-TAKAMISAWA (5A relay)

Code: HF32FA/012-HSL1-610 - Manufacturer: HONGFA (5A relay)

Code: G5NB-1A-E-12VDC - Manufacturer: OMRON (5A relay)

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

Code: HF118F-012-1Z1T - Manufacturer: XIAMEN HONGFA ELECTROACOUSTIC (8A relay)

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

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

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

Code: RT314012WG - Manufacturer: TYCO ELECTRONICS AUSTRIA GMBH (16A relay)

Code: HF115/012-1ZS3B - Manufacturer: XIAMEN HONGFA ELECTROACOUSTIC (16A relay)

Code: FTR K1AK012T - Manufacturer: FUJITSU (16A relay)

Code: G2RL-1A-E 12VDC - Manufacturer: OMRON (16A relay)

Code: 507H-1A-H-F-C-IR - Manufacturer: SONG CHUAN PRECISION CO. LTD (16A relay)

Brugine, 24<sup>th</sup> November 2016

CAREL INDUSTRIES S.p.A.  
 Technical Director  
 Ing. Umberto Bianchini

