

Declaration of Conformity

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

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

IR33+ Wide, IR33+ Easy Wide electronic controller

Code	Description
PBEVbcdefg	IR33 Plus Wide / Easy Wide standard Carel version.
PBaabcdefg	IR33 Plus Wide / Easy Wide customized version.
PXaabcdefg	
aa:	Letters / numbers = customized version
b:	Models: S = 1 compressor relay ; Y = 2 relays: compressor-defrost F = 3 relays: compressor-defrost-fan; C = 4 relays: compressor-defrost-fan-aux1 H = 5 relays: compressor-defrost-fan-aux1-aux2; D = 3 relays: compressor- aux1-aux2 + SSR out
c:	Type of probes: 0, 8 = NTC probe, 6, 9 = PTC probe
d:	Supply voltage: A = 115 Vac (transformer); E = 230 Vac (transformer) ; H = 115/230 Vac (switching); S = 115/230 Vac (switching) SMALL version
e:	Options: N = no options, A = auxiliary relay, C = clock, L = clock+alarm relay, P =16A,8A,8A, S = 16A,8A,8A+clock, V = 16A,8A,8A+ auxiliary relay, Y = 16A,8A,8A+ auxiliary relay+ clock
f:	Connections / type of mounting / front panel look: A,B,C,D,E,F,G,H,I,L,M,N,P,R,S,T,U,V,W,X,Y,Z,1,2,3,4,5,6,7,8 Various options to combine screw terminals, faston, disconnectable terminals, front panel mounting, rear panel mounting, "IR33+ look", "Easy look".
g:	Secondary customization id:
h:	Packaging 0 = standard, A = blue display, W = white display, G = green display, * = customized blank = single pack, 1 = multiple pack, K = multiple pack (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)

Code: HF105F-1 - Manufacturer: XIAMEN HONGFA ELECTROACOUSTIC (30A relay)

Code: 832A-1A-F-S-B - Manufacturer: SONG CHUAN PRECISION CO. LTD (30A relay)

Brugine, 18th July 2016

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

