

ir33: - Regolatore elettronico per unità frigorifere stand-alone/Electronic controller for stand-alone refrigeration units

Modelli/Models IR33(M,S,Y,F,C)(0,7)(0,L,H,E,A)(N,R,C,B,A,M,L,T)(0,1,2,3,5)0
Modelli relè 16A/Models relay 16A IR33(S,Y)(0,7)(E,A)(P,Q,S,U,V,X,Y,Z)(0,1,2,3,5)0



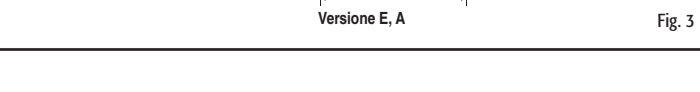
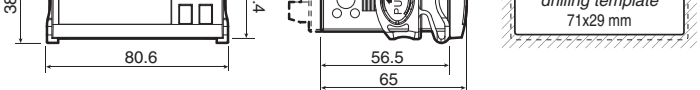
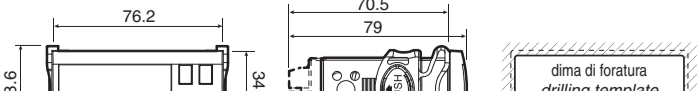
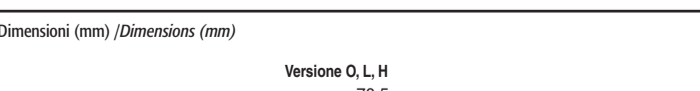
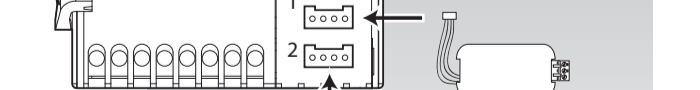
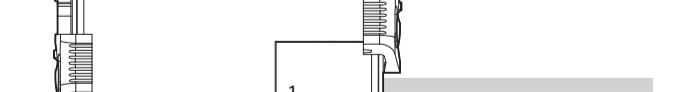
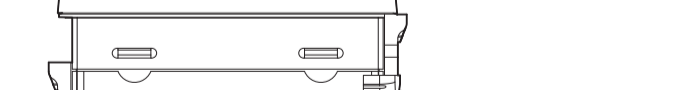
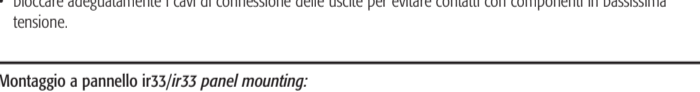
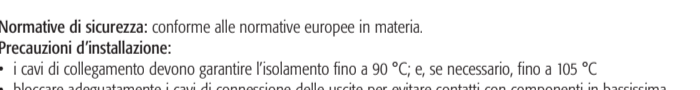
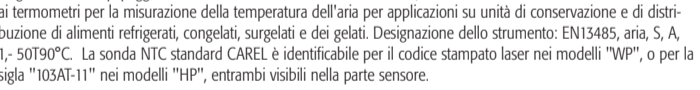
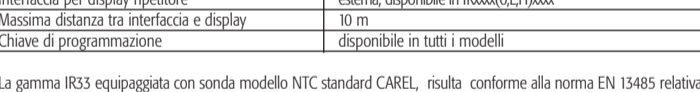
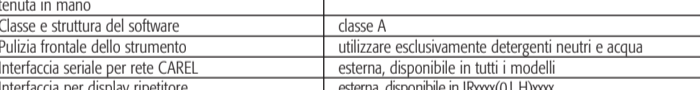
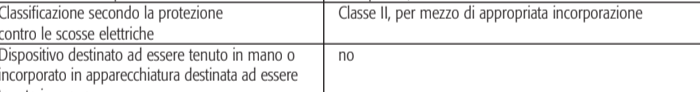
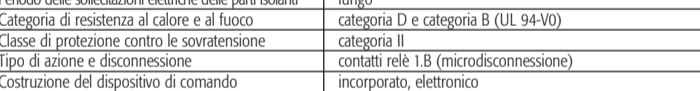
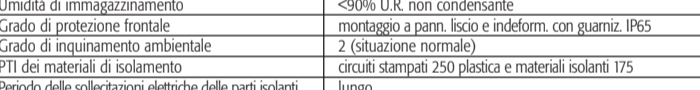
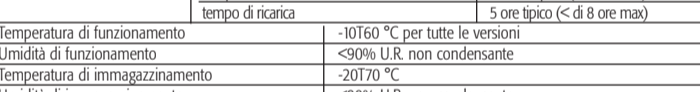
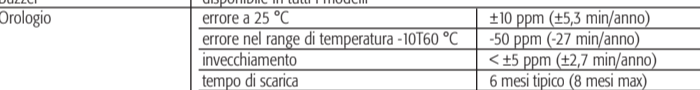
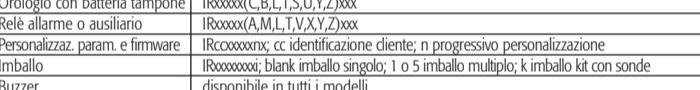
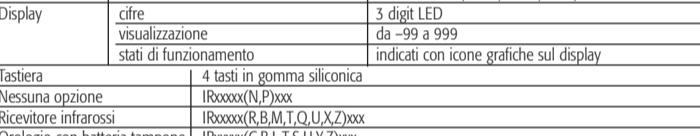
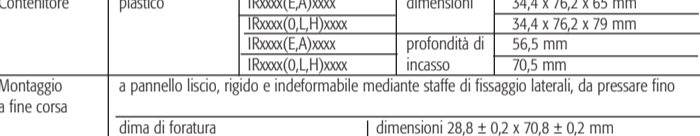
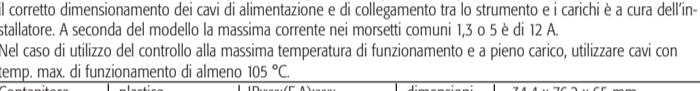
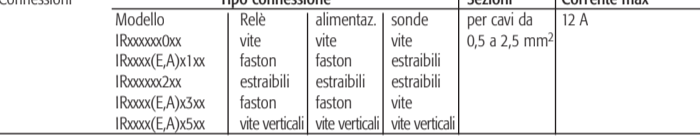
Table with columns: Alimentazione, Isolamento garantito dall'alimentazione, Ingressi, Tipo sonda, Uscite relè

Table with columns: Uscite relè (EN60730-1, UL 873)

Table with columns: Uscite SSR, Connesioni, Montaggio a fine corsa, Display, Tastiera, Ricevitore infrarossi, Orologio con batteria tampone, Relè allarme o ausiliario, Personalizz. param. e firmware, Imballo, Buzzer, Orologio

La gamma IR33 equipaggiata con sonda modello NTC standard CAREL, risulta conforme alla norma EN 13485...

Normative di sicurezza: conforme alle normative europee in materia. Precauzioni d'installazione:



Segnalazioni sul display

Lo stato di lampeggio indica una richiesta di attuazione non eseguibile fino allo scadere delle temporizzazioni che la ritardano.

Table with columns: Icona, Funzione, Normale funzionamento, Lampeggiamento, Startup

Pulsanti sulla tastiera

Table with columns: Tasto, Pressione del singolo tasto, Pressione combinata ad altri tasti

Riepilogo parametri di funzionamento (U.M.= Unità di misura; Def.= Valore di fabbrica)

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Tab. 3

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Table with columns: Simbolo, Cod., Parametro, Modelli, U.M., Tipo, Min, Max, Def.

Avvertenza importante: affinché i tempi impostati diventino immediatamente operativi, bisogna spegnere e riacendere lo strumento. Nel caso non si spenga lo strumento, la temporizzazione diventerà operativa al suo successivo utilizzo, in fase di impostazione dei timer interni.

L'apparecchiatura (o il prodotto) deve essere oggetto di raccolta separata in conformità alle vigenti normative locali in materia di smaltimento

Tabella allarmi e segnalazioni: display, buzzer e relè

Di seguito la tabella che riporta gli allarmi e le segnalazioni del controllo, con relativa descrizione, stato del buzzer, del relè di allarme e la modalità di ripristino.

Table with columns: Codice, Icona sul display, Relè allarme, Buzzer, Ripristino, Descrizione

Il buzzer viene attivato se abilitato dal parametro 'H4'. Il relè di allarme viene attivato se alle uscite ausiliarie AUX1 (H1) è stata assegnata alla funzione relè di allarme (normalmente escluso o disabilitato).

Nota: il buzzer può essere disabilitato dal sistema di supervisione CAREL.

Schemi elettrici / Electrical wiring:

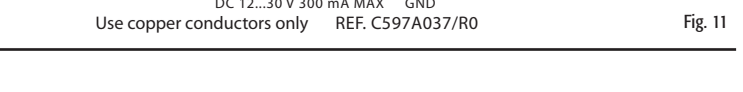
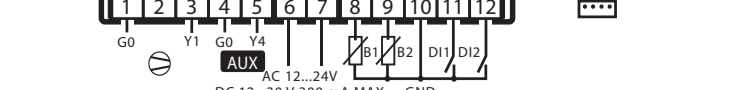
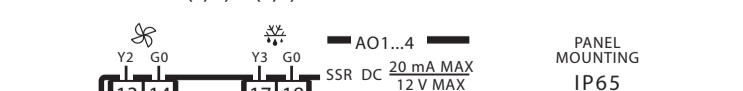
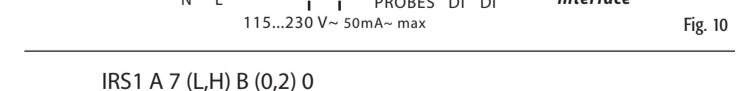
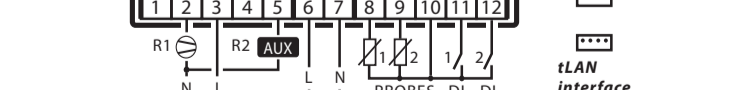
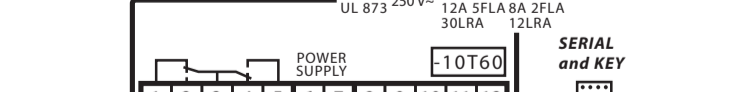
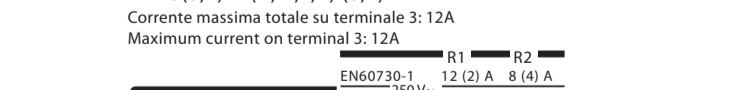
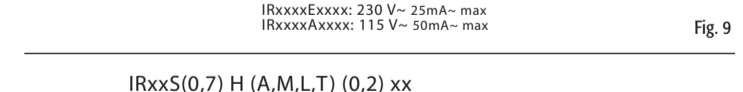
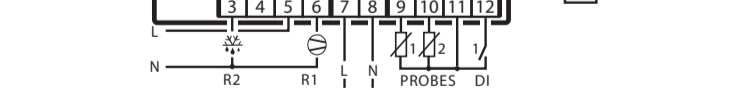
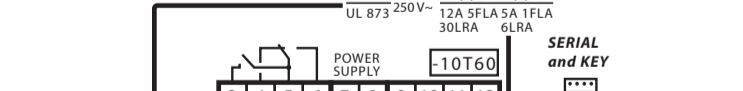
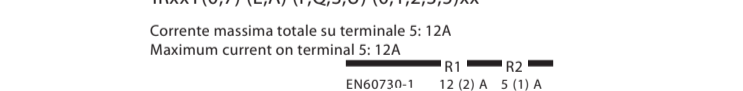
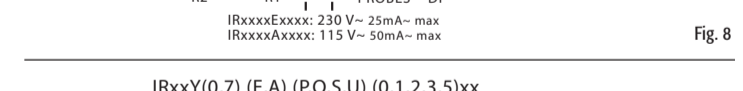
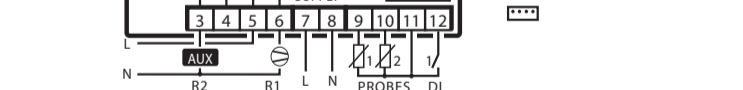
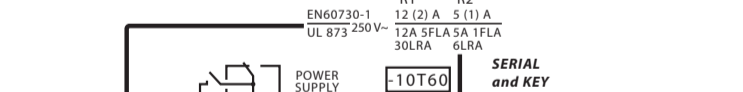
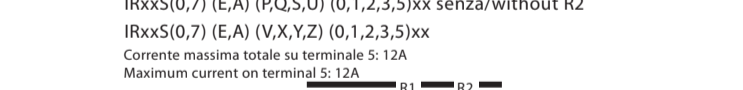
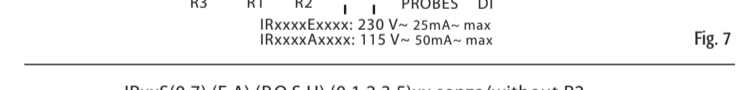
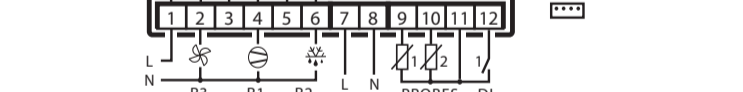
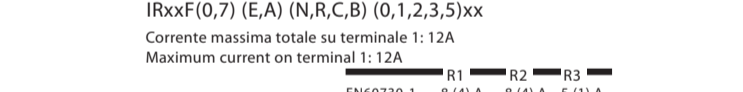
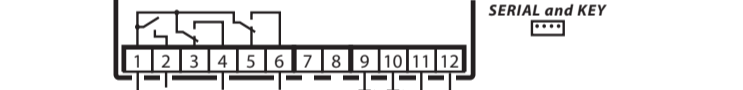
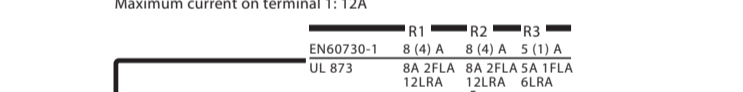
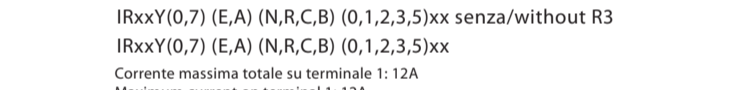
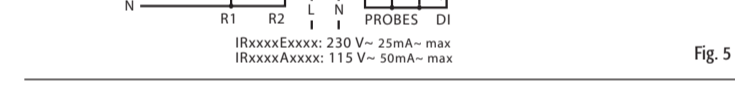
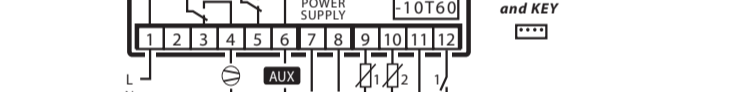
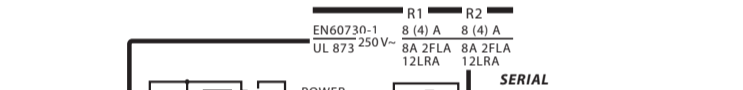
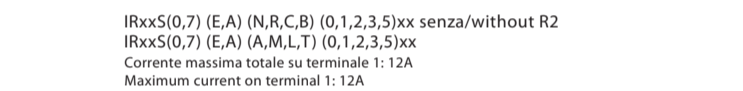
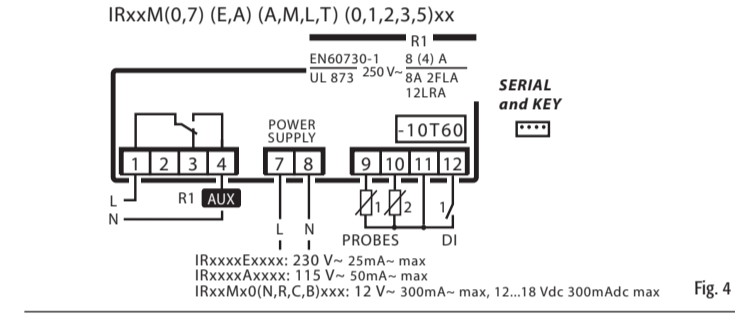




Table with columns: Power supply, Insulation, Inputs, Probe type, Relay outputs. Details electrical specifications and safety requirements.

Table with columns: Model, Voltage, Power. Lists various electrical models and their power ratings.

Table with columns: Model, Voltage, Power. Details insulation specifications and measurement ranges for different probe types.

Table with columns: Model, Voltage, Power. Lists relay output models and their operating parameters.

Table with columns: Model, Voltage, Power. Details relay output specifications, including voltage and current ratings.

SSR outputs. Max output voltage: 12 Vdc. Output resistance: 600 Ω. Max output current: 20 mA.

Table with columns: Model, Voltage, Power. Lists connection options and their corresponding cable requirements.

Table with columns: Model, Voltage, Power. Details installation instructions for the power supply and cable connection.

Table with columns: Model, Voltage, Power. Lists mounting and display specifications for the control panel.

Table with columns: Model, Voltage, Power. Details keypad and control options, including remote control and battery backup.

Table with columns: Model, Voltage, Power. Lists operating temperature, humidity, and storage conditions.

Table with columns: Model, Voltage, Power. Details safety standards, installation precautions, and connection requirements.

Table with columns: Model, Voltage, Power. Lists operating temperature, humidity, and storage conditions.

Table with columns: Model, Voltage, Power. Details safety standards, installation precautions, and connection requirements.

Table with columns: Model, Voltage, Power. Lists operating temperature, humidity, and storage conditions.

Table with columns: Model, Voltage, Power. Details safety standards, installation precautions, and connection requirements.

Table with columns: Model, Voltage, Power. Lists operating temperature, humidity, and storage conditions.

Table with columns: Model, Voltage, Power. Details safety standards, installation precautions, and connection requirements.

Table with columns: Model, Voltage, Power. Lists operating temperature, humidity, and storage conditions.

Table with columns: Model, Voltage, Power. Details safety standards, installation precautions, and connection requirements.

Signals on the display

Table listing signals on the display, including ON, OFF, Alarm, Clock, Light, Service, HACCP, and Continuous Cycle.

Buttons on the keypad

Table listing buttons on the keypad and their functions, such as Prg mute, Def, and Set.

Summary of operating parameters (UOM = Unit of measure; Def. = Default value)

Table listing operating parameters for various functions like Password, Measurement stability, and Virtual probe.

Table listing operating parameters for display and keypad functions.

Table listing operating parameters for alarm and buzzer functions.

Table listing operating parameters for probe selection and configuration.

Table listing operating parameters for calibration of different probes.

Table listing operating parameters for HA and HA2 events.

Table listing operating parameters for HACCP events.

Table listing operating parameters for defrost cycles.

Table listing operating parameters for light and fan settings.

Table listing operating parameters for defrost delay and pump down.

Table listing operating parameters for compressor running time and advanced defrost.

Table listing operating parameters for nominal defrost duration and proportional factor.

Table listing alarm and signal parameters like Alarm and fan differential, Type of threshold, and Digital input.

Table listing alarm and signal parameters like Digital input 2 configuration, Stop compressor, and External alarm.

Table listing alarm and signal parameters like Fan management, Fan start, and Fan stop.

Table listing alarm and signal parameters like Fan start temperature and Fan OFF with compressor.

Table listing alarm and signal parameters like Serial address and Alarm output.

Table listing alarm and signal parameters like Disable keypad and Parameter 'Hz'.

Table listing alarm and signal parameters like Remote control enabling, Disable buzzer, and Lock keypad.

Table listing alarm and signal parameters like Select activation of output with time band and Enable set point variation.

Table listing alarm and signal parameters like Anti-sweat heater offset and Number of HA events.

Table listing alarm and signal parameters like Date/time of last HA event and Automatic night-time set point variation.

Table listing alarm and signal parameters like Enable temperature monitoring and Temperature monitoring interval.

Table listing alarm and signal parameters like Maximum temperature read and Minimum temperature read.

Table listing alarm and signal parameters like Comp. fan and AUX delay on start-up and Minimum compressor OFF time.

Table listing alarm and signal parameters like Minimum compressor ON time and Duty setting.

Table listing alarm and signal parameters like Continuous cycle duration and Alarm bypass after continuous cycle.

Table of alarms and signals: display, buzzer and relay

Table listing alarms and signals for display, buzzer, and relay, including codes and descriptions.

The buzzer is enabled if enabled by the parameter 'Hz'. The alarm relay is enabled if one of the AUX auxiliary outputs (1 (H1) has been assigned the alarm relay function).

Schemi elettrici / Electrical wiring

