



# C.a.e.m.

THERMOSTATS AND SENSORS 

## NUOVO PRODOTTO

### TU HC & TU HC RM

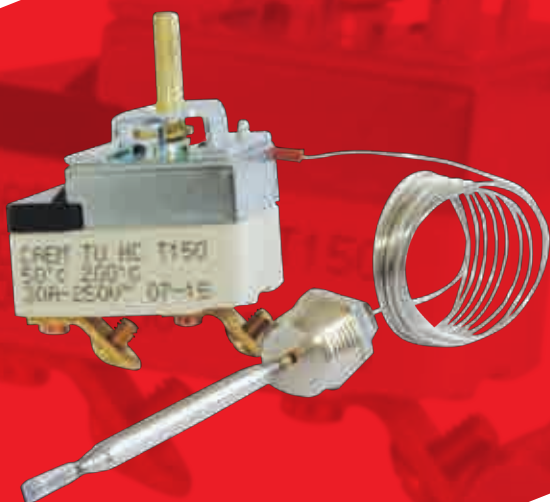
Termostato unipolare utilizzabile con 30 A resistivi a 120 / 250 VAC e 18 A resistivi a 400 VAC, installabile direttamente con resistenze di potenza fino a 7500 W senza l'ausilio di relè o teleruttori. Connessioni a scelta, tra terminali a vite o quick electric connection.

Le scale di temperatura vanno da -35°C a + 400°C per i termostati di regolazione serie TU HC e da +50°C a + 400°C per i taratura fissa con riarmo automatico e per i termostati di sicurezza a riarmo manuale TU HC RM.

Disponibile in versione con capillare e bulbo in rame o in acciaio inossidabile con lunghezze variabili.

Omologazioni ENEC e UL/CSA.

Sono possibili personalizzazioni su specifica del cliente.



## NEW PRODUCT

### TU HC & TU HC RM

This single pole thermostat can be used with 30 AMPS resistive at 120 / 250 VAC and 18 A resistive at 400 VAC.

It can be installed directly with power heaters up to 7500 W without relay or contactors.

About the connections, it will be possible to choose between screw terminals or quick electric connections.

The temperature ranges go from -35°C to +400°C for the adjustable of TU HC series and from +50°C to +400°C for the fix setting with automatic reset and the safety with manual reset of TU HC RM series.

It is available in the versions with copper capillary and bulb or in stainless steel with different lengths. ENEC and UL/CSA approvals.

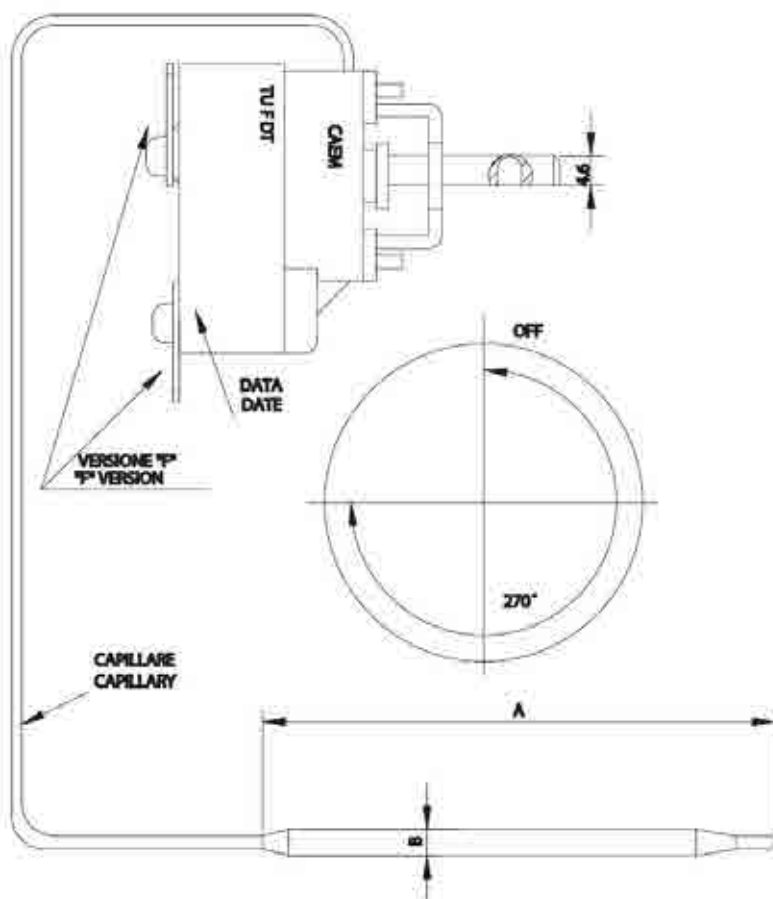
Customizations are possible on customer's specifications.



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**TERMOSTATO ELETTRICO REGOLABILE MOD. TU F**  
**ADJUSTABLE ELECTRIC THERMOSTAT MOD. TU F**



**SCHEMA ELETTRICO**  
**ELECTRIC DIAGRAM**

**SP - DT**  
 AC 250V 20A  $\sim$

**OMOLOGAZIONE**

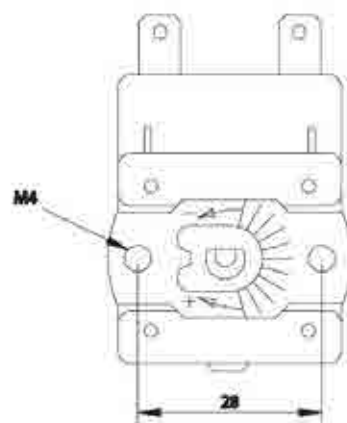
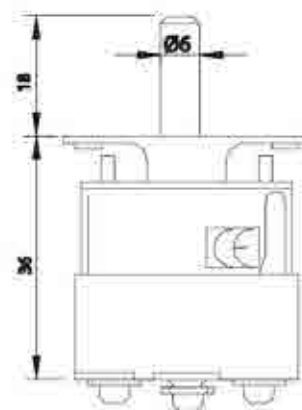
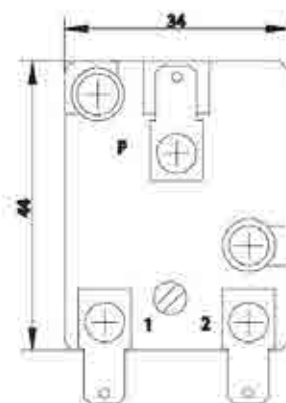


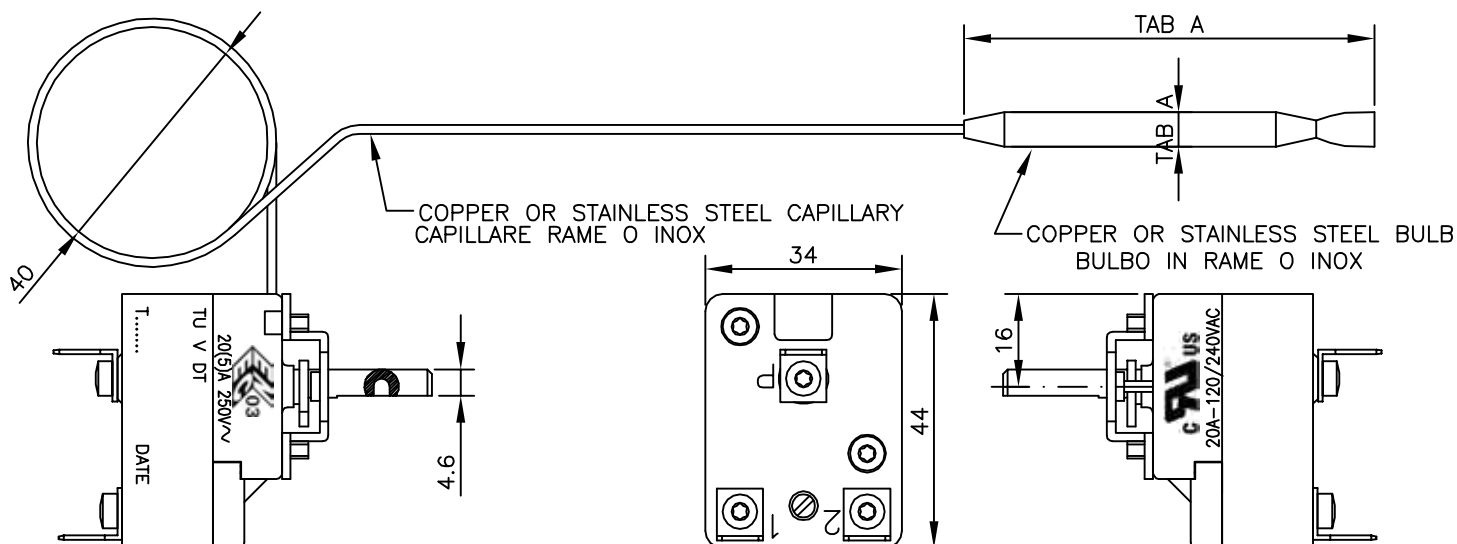
RAGGIO MINIMO DI PIEGA CAPILLARE : 5mm  
 TARATURA IN BAGNO NORMALIZZATO  
 SCALE DI TEMPERATURE DISPONIBILI A RICHIESTA : DA -35°C A +400°C  
 TERMINALI FASTON 6.3mm  
 VERSIONI CON CAPILLARE E BULBO IN RAME O IN ACCIAIO INOX  
 120/240 VAC, 20 A - UL, C.S.A.

**APPROVALS**



MIN CAPILLARY BENDING RADIUS 5 MM  
 LAY OUT TEMPERATURE IN LIQUID BATH  
 TEMPERATURE RANGE ON REQUEST FROM -35°C TO +400°C  
 CONNECTION TABS 1/4"  
 VERSIONS WITH CAPILLARY AND BULB IN COPPER OR STAINLESS STEEL  
 120/240 VAC, 20 A - UL, C.S.A.





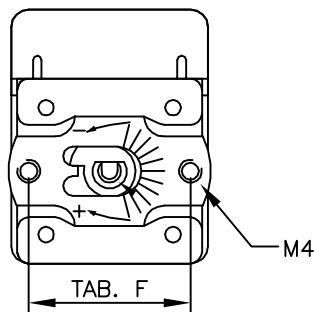
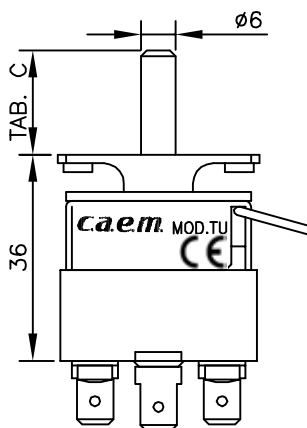
VERSIONE TERMINALI VEDERE TAB. D  
FOR TERMINALS VERSION SEE TAB. D

### TECHNICAL DATA

- MIN CAPILLARY BENDING RADIUS 5 mm
- CALIBRATION AND CHECK IN LIQUID BATH
- TEMPERATURE RANGE : FROM  $-40^{\circ}\text{C}$  TO  $400^{\circ}\text{C}$  WITH THERMOSTAT AT ROOM TEMPERATURE
- ACTION TYPE : 1B - 2B (EN 60730)
- INTERNATIONAL PROTECTION : IP00
- INSULATION CLASS : I OR II ☐
- APPROVALS ENEC : 20A(5) 250V~  
UL - CSA : 20A 120/240 VAC  
INAIL

### DATI TECNICI

- RAGGIO DI PIEGA MINIMO DEL CAPILLARE : 5 mm
- TARATURA E COLLAUDO IN BAGNO AGITATO
- SCALA DI TEMPERATURA : DA  $-40$  A  $400^{\circ}\text{C}$  CON TERMOSTATO A TEMPERATURA AMBIENTE
- TIPO DI AZIONE : 1B - 2B (EN 60730)
- GRADO DI PROTEZIONE : IP00
- CLASSE ISOLAMENTO : I O II ☐
- OMOLOGAZIONI : ENEC : 20A(5) 250V~  
UL - CSA : 20A 120/240 VAC  
INAIL



### ELECTRIC DIAGRAM SCHEMA ELETTRICO

(SINGLE POLE - DOUBLE THROUGH)  
SP - DT



PER LE SCALE DI TEMPERATURA STANDARD E LE CARATTERISTICHE DEGLI ELEMENTI SENSIBILI VEDERE TAB. A  
FOR TEMPERATURE RANGE STANDARD AND CHARACTERISTICS OF SENSING ELEMENTS SEE TAB A

### THERMOSTAT TU V DT



**C.A.E.M.**  
THERMOSTAT AND SENSOR

Via Rivera 106-108  
10040 ALMESE (TO) ITALY

SCALA : 1 : 0,75

DATA :

DIS.

FORMATO: A4

SOSTITUISCE IL:

DIS. N°

MATERIALE

FINITURA

A TERMINI DI LEGGE CI RISERVIAMO LA PROPRIETA' DEL PRESENTE DISEGNO CON DIVIETO DI USO E RIPRODUZIONE  
UNDER THE TERMS OF LAWS WE RESERVE THE PROPERTY OF THIS DRAWING WITH PROHIBITION OF USE AND DUPLICATION