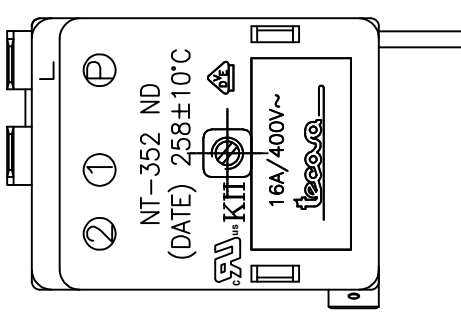




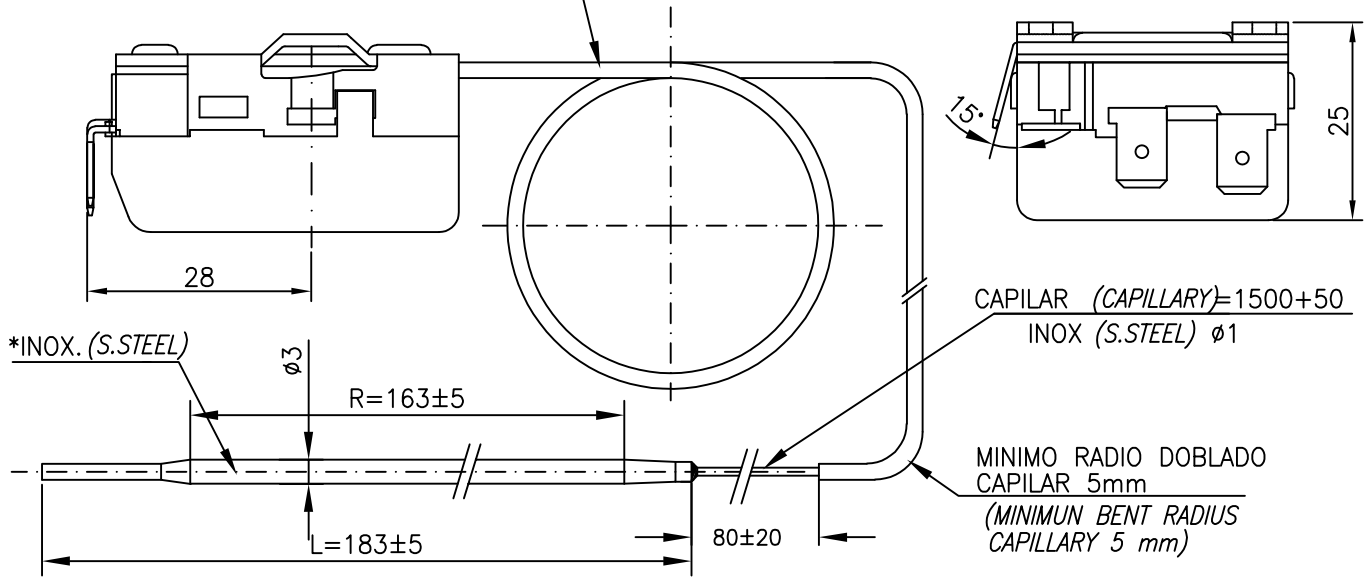
F-20201



NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION (CONNECTION DIFFERENCE)  $9^{\circ}\text{C}\pm 4.5^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) VDE: T150  
UL: T120
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL) -10 Y 340°C
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS HAN SIDO MEDIDAS INTRODUCIENDO  $10/20\text{ mm}$  DE CAPILAR EN EL BAÑO Y A UNA TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING  $10/20\text{mm}$  CAPILLARY IN THE BATH AND AT AN AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )

PROTECCION (PROTECTION) COMPLETE  
PTFE or Sil.+FG (black colour)



TERMINAL TOMA DE TIERRA (EARTH TERMINAL)  
M4 6H

EN ESTE AGUJERO LA MAX. LONG. DEL TORNILLO SERA DE 11 mm MAS EL ESPESOR DE LA CHAPA

(IN THIS HOLE, THE MAX. SCREW LENGTH WILL BE 11mm PLUS PLATE THICKNESS)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)

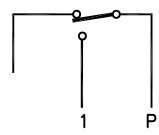
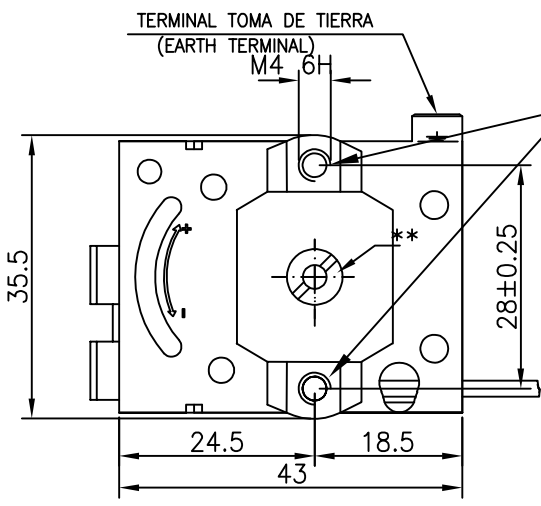


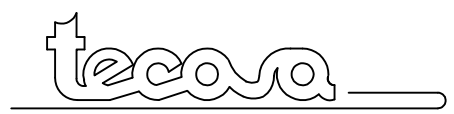
DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)

$258^{\circ}\text{C}\pm 10^{\circ}\text{C}$



\*N-824X/3 \*\* N-40.868

	Toler. general UNE/EN 22768 "m"	DIBUJADO	REVISADO	FECHA
	General tolerance UNE/EN 22768 "m"	DRAWN	APPROVED	DATE
EDICION	EDITION	V.B.C.		2011/09/14
A) Modified colour of cover and protection, before no indicated		V.B.C.		2011/12/15
B) Updated R and L acc. to s. element before L=174		V.B.C.		2013/01/10
C) Sensing element reference has been changed before N-824X		S.A.	V.B.C.	03.07.2017
D) Protection color is changed and blue color cover is removed.		S.A.	V.B.C.	10.01.2019
E) Increased naked capillary distance.		Ç.K.	V.B.C.	04.11.2020



NT-352 ND

Ref. Cliente: 05050100922  
Customer reference:

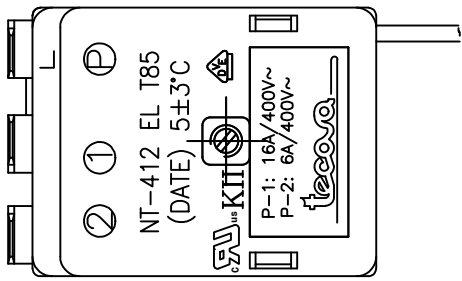
Sustituye a:  
Replacing:

ESCALAS  
SCALE  
1:1

TERMOSTATO (THERMOSTAT)

MUESTRA 95/2011

EDICIONES  
EDITIONS



- NOTAS (NOTES):
- 1- DIFERENCIA DE CONEXION (CONNECTION DIFFERENCE)  $3\pm 1,5^{\circ}\text{C}$
  - 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE)  $85^{\circ}\text{C}$
  - 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) P-1: 16A/400V~ P-2: 6A/400V~
  - 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10$  Y  $70^{\circ}\text{C}$
  - 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
  - 6- FASTON 6,3 x 0,8 DIN 46244
  - 7- LAS TEMPERATURAS HAN SIDO MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO Y A UNA TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING 80/100mm CAPILLARY AND PHIAL IN THE BATH AND AT AN AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )

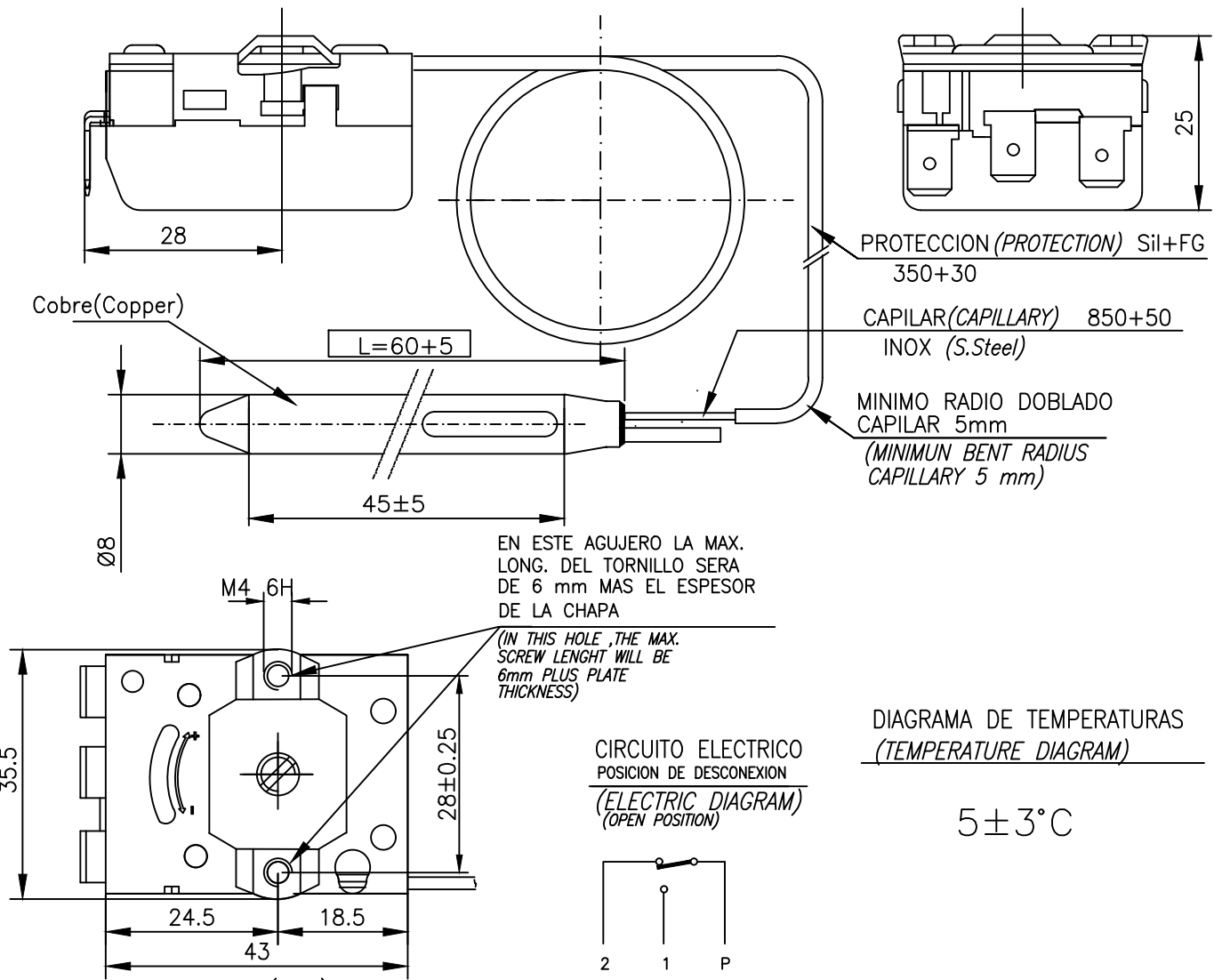


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)

$5\pm 3^{\circ}\text{C}$

\* N-675X \*\* N-40868 (1.41)

Toler. general UNE/EN 22768 "m"	DIBUJADO	REVISADO	FECHA
General tolerance UNE/EN 22768 "m"	DRAWN	APPROVED	DATE
EDICION EDITION	S.A.	V.B.C.	26.09.2019
EDICIONES EDITIONS			



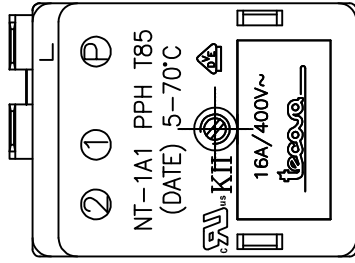
NT-412 EL

Ref. Cliente:  
Customer reference:

Sustituye a:  
Replacing:

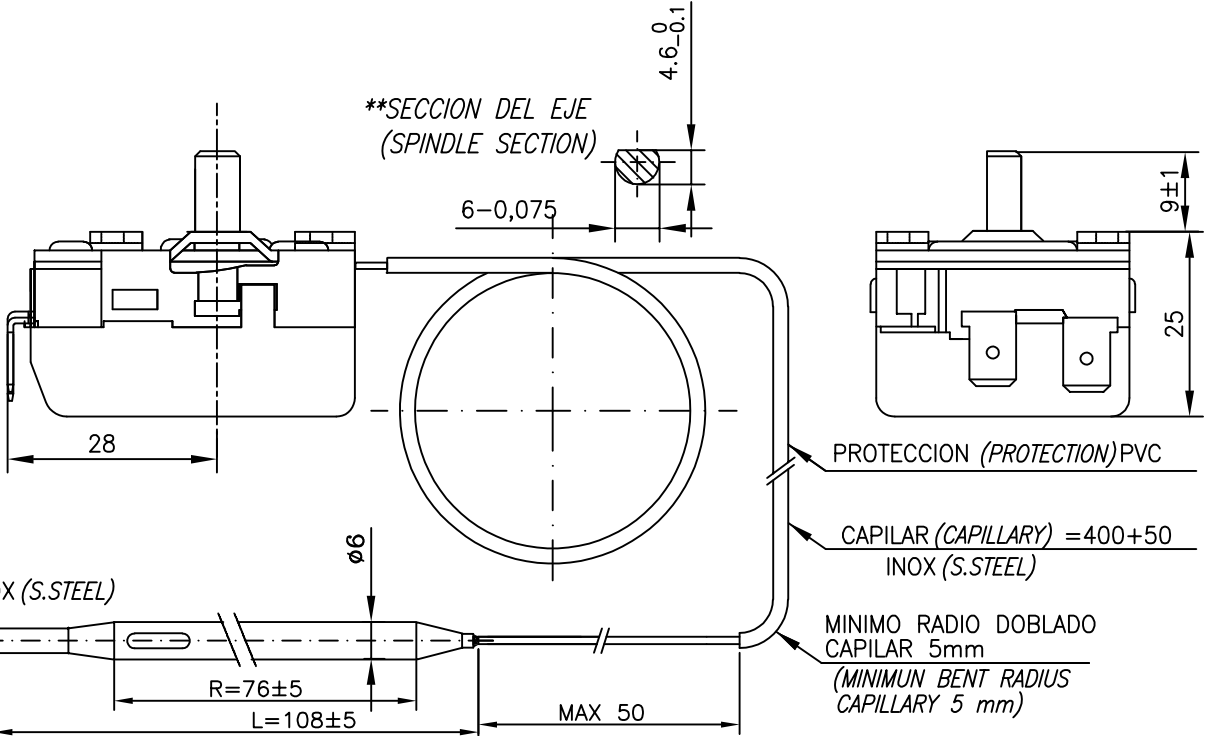
TERMOSTATO (THERMOSTAT)

ESCALAS SCALE  
1:1

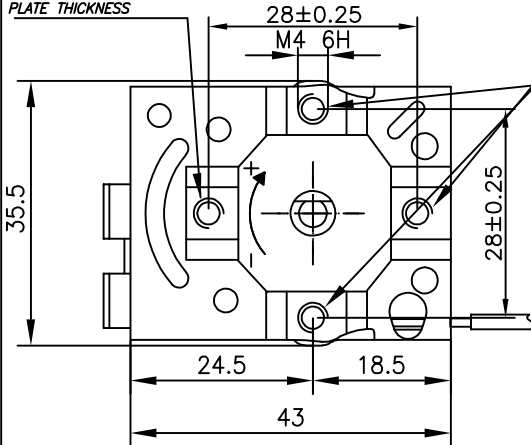


NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION (CONNECTION DIFFERENCE)  $5^{\circ}\text{C}\pm 2^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) T85
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10 \div 96^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )



MAX. LONG. DEL TORNILLO 4 mm  
 MAS ESP. CHAPA  
 MAX. SCREW LENGTH 4mm PLUS  
 PLATE THICKNESS



EN ESTOS AGUJEROS LA MAX. LONG. DEL TORNILLO SERA DE 6 mm MAS EL ESPESOR DE LA CHAPA  
 (IN THESE HOLES, THE MAX. SCREW LENGTH WILL BE 6mm PLUS PLATE THICKNESS)

CIRCUITO ELECTRICO  
 POSICION DE DESCONEXION  
 (ELECTRIC DIAGRAM)  
 (OPEN POSITION)

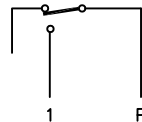
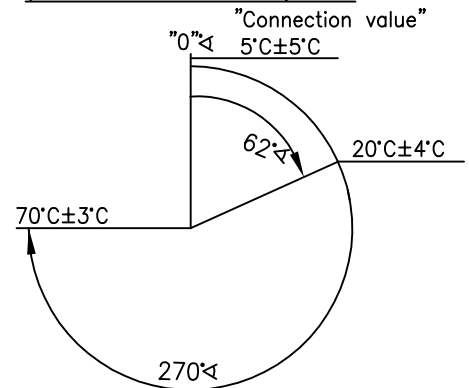


DIAGRAMA DE TEMPERATURAS  
 (TEMPERATURE DIAGRAM)



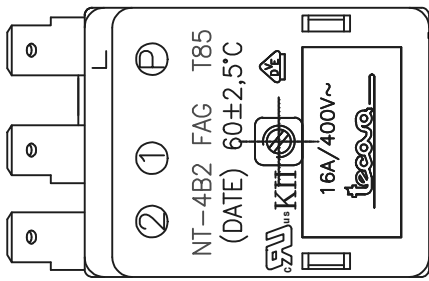
N-105X	** N-40.863/17 (1.10)	DRAWN	CHECKED	DATE
EDICION	EDITION	E.K.	V.B.C.	10.03.2016
REVISIONS	D) Updated flange	V.B.C.		2018.03.19
	E) Changed capillary length, bef 280mm	V.B.C.		2018.03.28
	F) Increased differential, before $3\pm 1.5$	V.B.C.		2019.05.13
	G) Increased differential, before $4\pm 2$ & tolerance	V.B.C.		2020.03.10
	H) Decreased spindle length, bef. $12\pm 1$	V.B.C.		2022.01.25



NT-1A1 PPH

SCALE	1:1	TERMOSTATO (THERMOSTAT)
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CUSTOMER REF:  
 REPLACE TO HQ



NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY )  $4\pm 2^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE)  $85^{\circ}\text{C}$
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~ P-2:6A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10 \div 150^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION P-1 (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES P-1)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )
- 9- COLOR DE TAPA AZUL (Blue colour cover)

The product is UL and VDE approved.

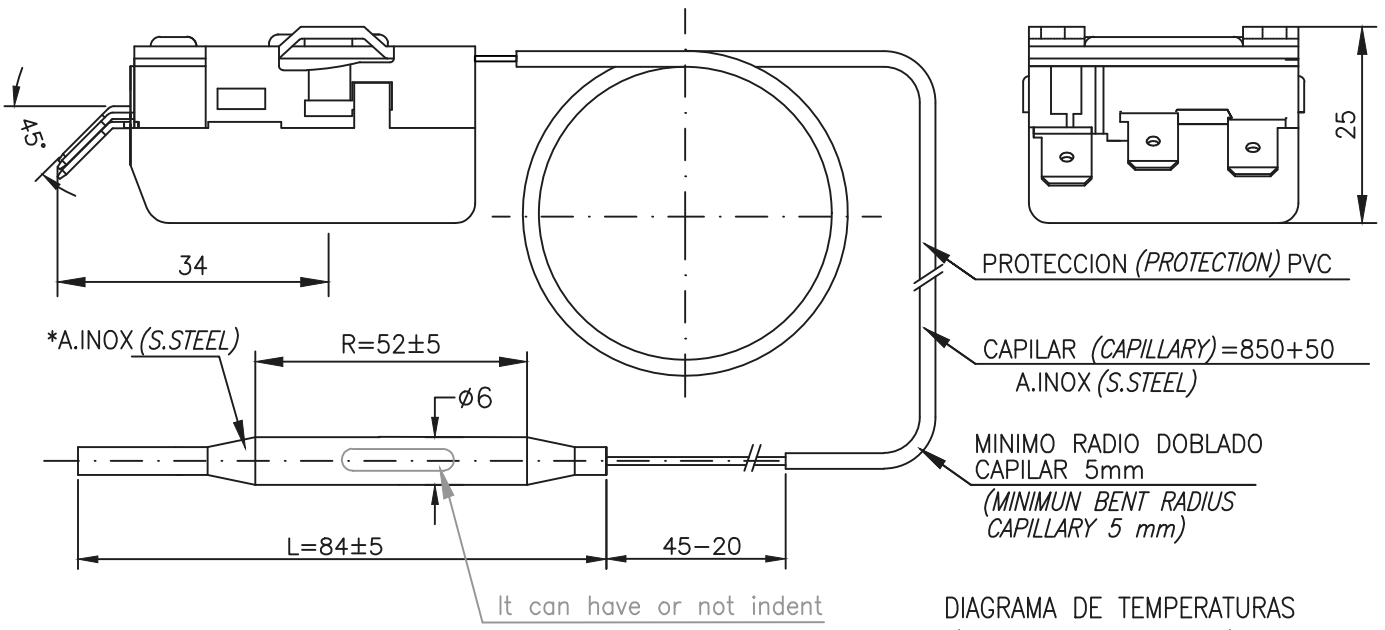
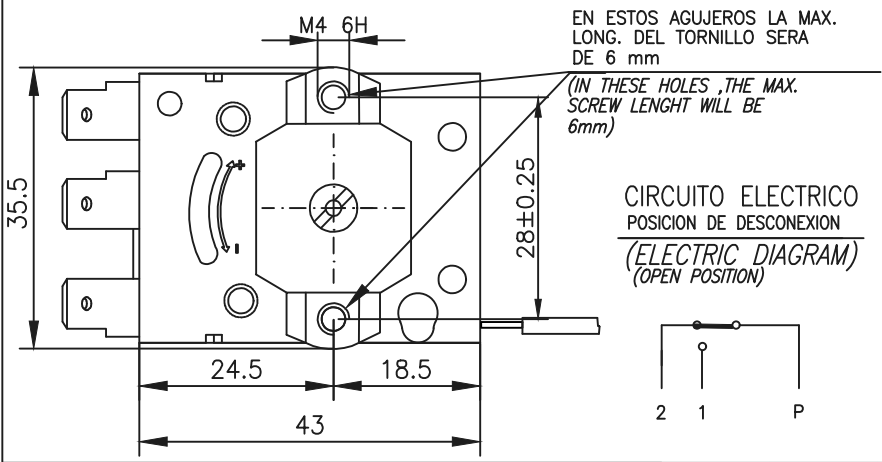


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)

$60^{\circ}\text{C} \pm 2,5^{\circ}\text{C}$



CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)

* N-932X/10	** N-40.868	DIBUJO	REVIS.	FECHA
EDICION		S.A.	V.B.C.	20.03.2017
REVISIONES	A) indicated naked capillary in the exit	V.B.C.		23/04/2018
	B) Added remark about indent	V.B.C.		2020/10/26

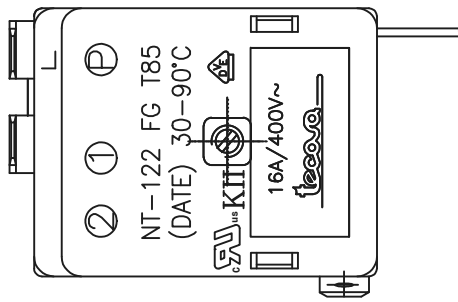
**tecoa**

NT-4B2 FAG

Customer reference: 12161299

ESCALA	TERMOSTATO (THERMOSTAT)
1:1	





NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY)  $3^{\circ}\text{C}\pm 1,5^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE)  $85^{\circ}\text{C}$
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10$  Y  $150^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SHAFT DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS HAN SIDO MEDIDAS INTRODUCIENDO 80/100mm DE CAPILAR EN EL BAÑO Y A UNA TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING 80/100mm CAPILLARY IN THE BATH AND AT AN AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )

\*\*SECCION DEL EJE (SPINDLE SECTION)

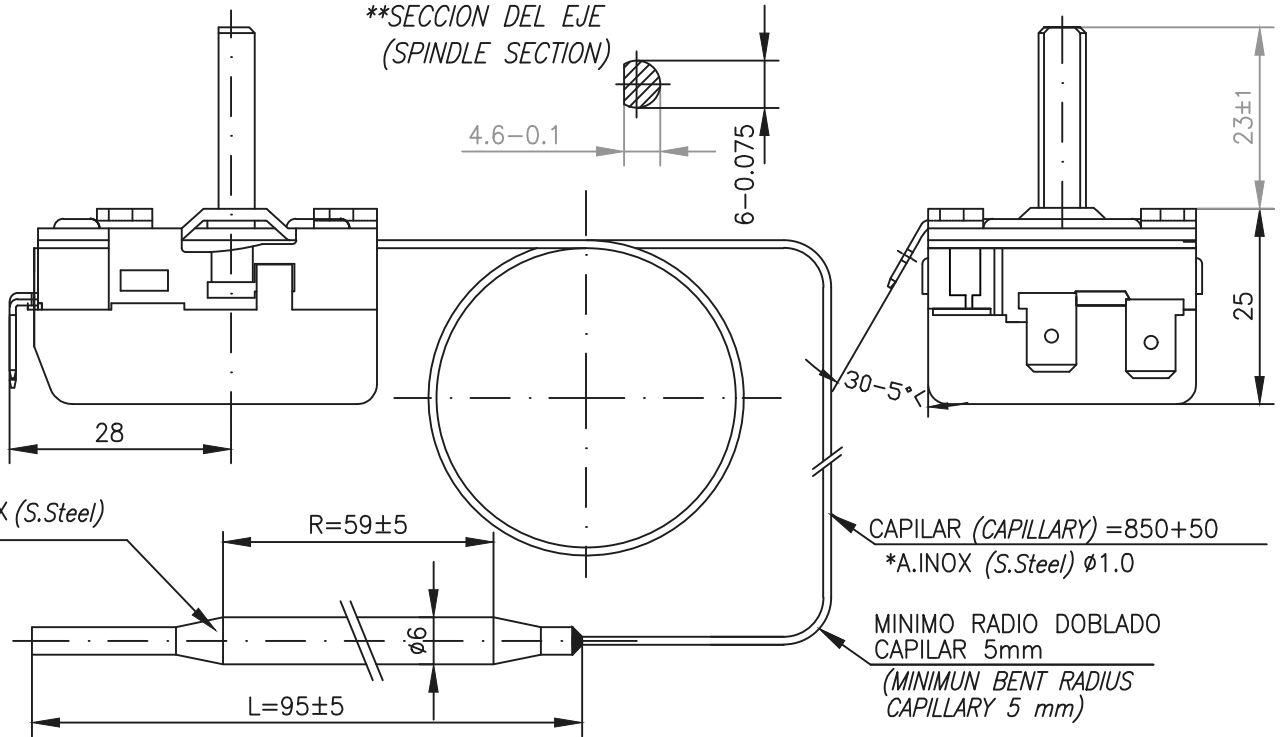
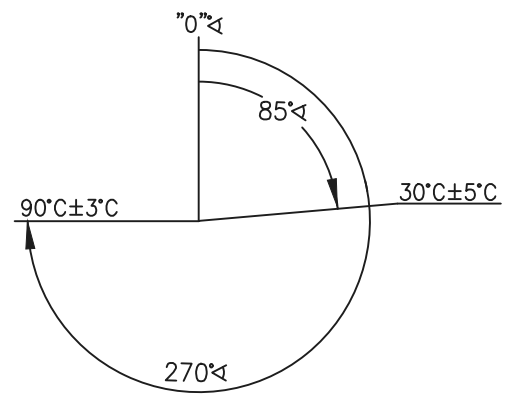


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)

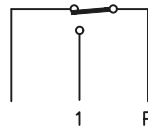


MAX. LONG. DEL TORNILLO 4 mm  
MAS ESP. CHAPA  
MAX.SCREW LENGHT 4mm PLUS  
PLATE THICKNESS

T.TOMA TIERRA  
(EARTH TERMINAL)

LONG. DEL TORNILLO SERA  
DE 11 mm MAS EL ESPESOR  
DE LA CHAPA  
(IN THESE HOLES ,THE MAX.  
SCREW LENGHT WILL BE  
11mm PLUS PLATE  
THICKNESS)

CIRCUITO ELECTRICO  
POSICION DE DESCONEXION  
(ELECTRIC DIAGRAM)  
(OPEN POSITION)



\* N-766X \*\* N-40863/1 (1.10)

Toler. general UNE/EN 22768 "m"		DIBUJADO	REVISADO	FECHA
EDICION		Sergio		12/07/06
EDICIONES	A) Changed differantial range	G.K.	V.B.C.	18/02/06
	B) Updated metallic cover and engraving of cover	G.K.	V.B.C.	18/04/03
	C) Earth termimnal angle is updated, Bef. 15°<	Ç.K.	V.B.C.	18.01.2021



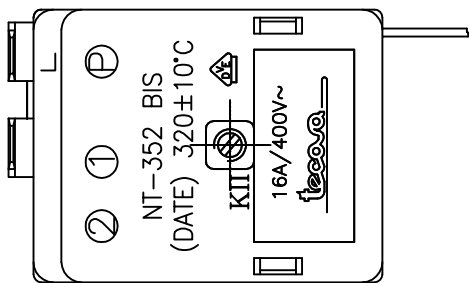
NT-122 FG

REF. CLIENTE:6021350004; 12034534

SUSTITUYE A:

ESCALAS  
1:1

TERMOSTATO (THERMOSTAT)



NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY)  $7\pm 3^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) VDE  $150^{\circ}\text{C}$  / UL  $120^{\circ}\text{C}$
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10 \div 340^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- FASTON 6,3 x 0,8 DIN 46244
- 7- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )

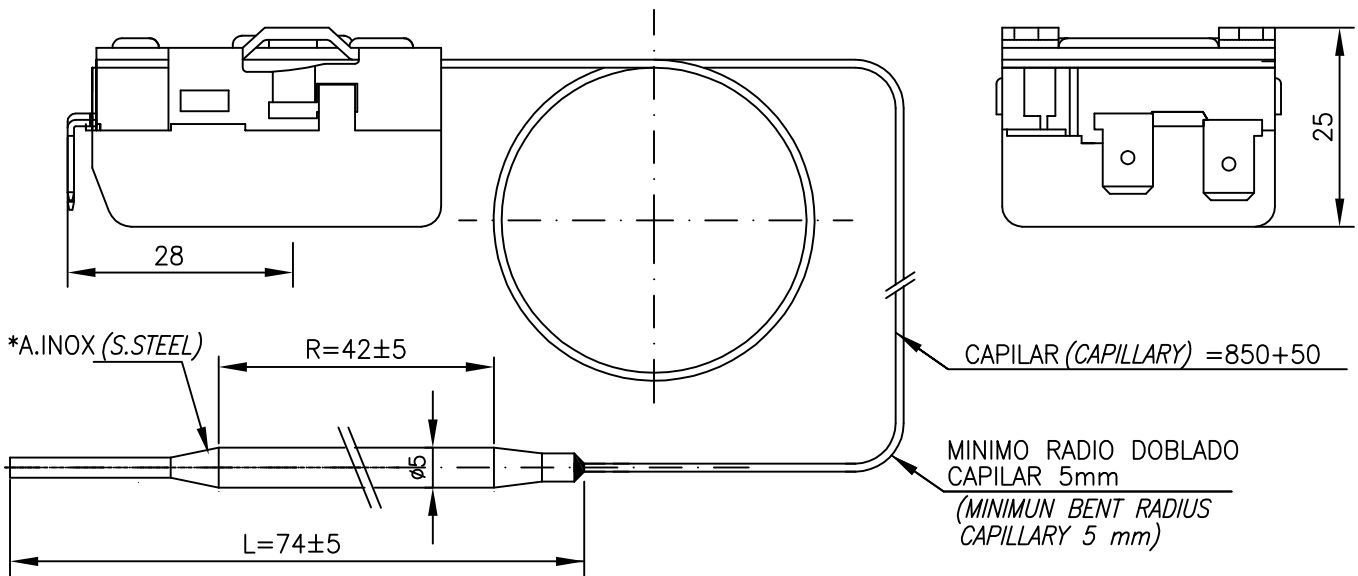


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)

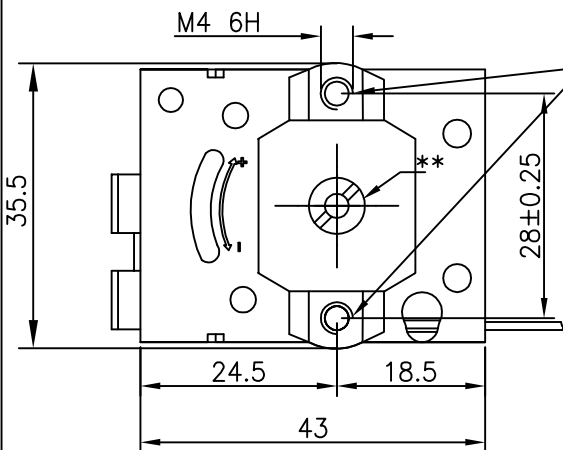
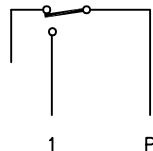
TEMPERATURA DE DESCONEXION (DISCONNETION TEMPERATURE)

$320\pm 10^{\circ}\text{C}$

EN ESTE AGUJERO LA MAX. LONG. DEL TORNILLO SERA DE 11 mm MAS EL ESPESOR DE LA CHAPA

(IN THIS HOLE, THE MAX. SCREW LENGHT WILL BE 11mm PLUS PLATE THICKNESS)

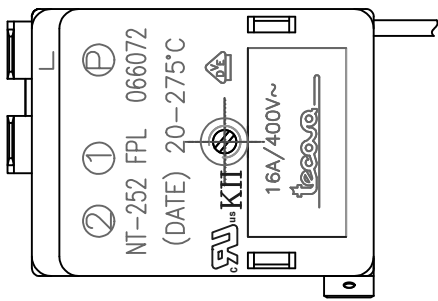
CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)



0,0033	** N-40868	DIBUJO	REVIS.	FECHA
EDICION		E.Mutlu	V.B.C.	03.05.2013
REVISIONES				
ESCALA	TERMOSTATO (THERMOSTAT)			
1:1				

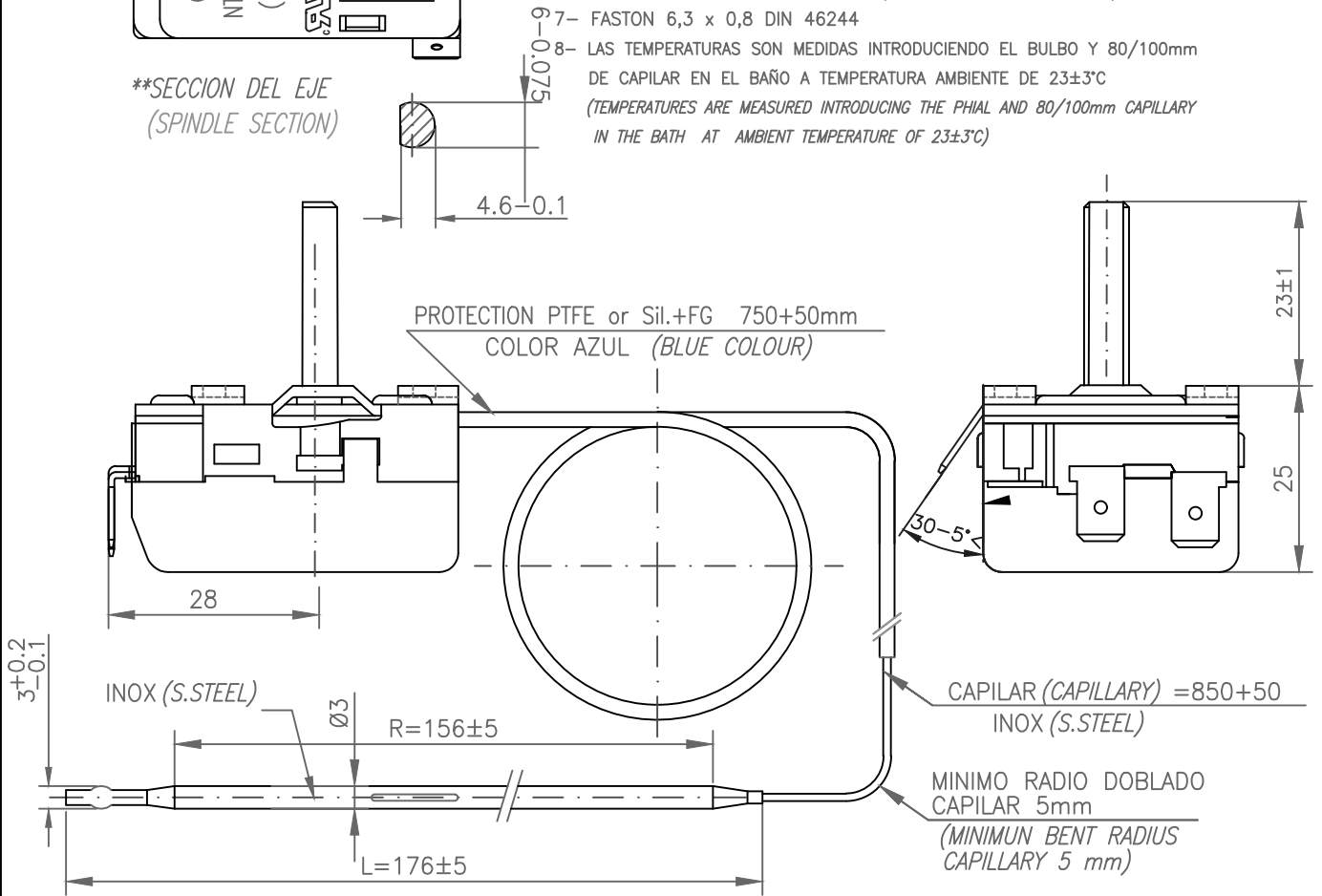


NT-352 BIS



- NOTAS (NOTES):
- 1- DIFERENCIA DE CONEXION (CONNECTION DIFFERENCE)  $7^{\circ}\text{C} \pm 3.5^{\circ}\text{C}$
  - 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) VDE  $150^{\circ}\text{C}$  / UL  $120^{\circ}\text{C}$
  - 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
  - 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10 \div 330^{\circ}\text{C}$
  - 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
  - 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
  - 7- FASTON 6,3 x 0,8 DIN 46244
  - 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23 \pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23 \pm 3^{\circ}\text{C}$ )

\*\*SECCION DEL EJE (SPINDLE SECTION)



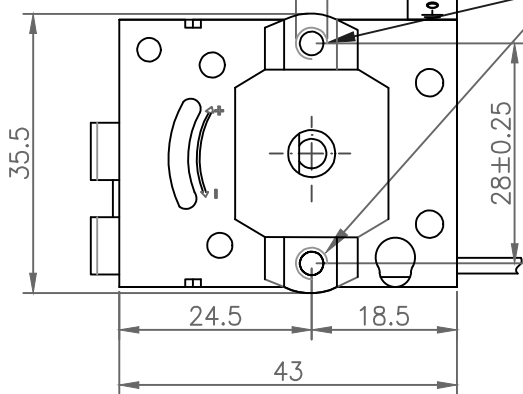
TERMINAL TOMA DE TIERRA (EARTH TERMINAL)

M4 6H

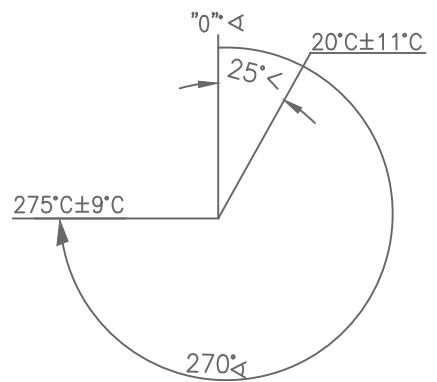
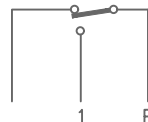
EN ESTE AGUJERO LA MAX. LONG. DEL TORNILLO SERA DE 6 mm MAS EL ESPESOR DE LA CHAPA

(IN THIS HOLE, THE MAX. SCREW LENGTH WILL BE 6mm PLUS PLATE THICKNESS)

DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)



N-201X/8

\*\*N-40.860/1 (1.41.)



Toler. general UNE/EN 22768 "m"  
EDICION

DIBUJADO	REVISADO	FECHA
S.A.	V.B.C.	2019/07/10



EDICIONES	A)	B)	C)	D)
	added another option of s. element	Reduced 10°C adjusting temp.	Added customer ref. to engraving	Earth terminal angle is updated, Bef. 15°
	V.B.C.	V.B.C.	V.B.C.	Ç.K.
	2019/11/22	2019/12/03	2020/02/07	21.01.2021

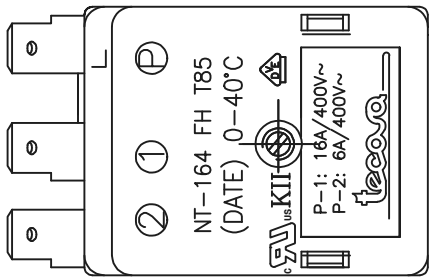
NT-252 FPL

ESCALAS 1:1

TERMOSTATO (THERMOSTAT)

REF. CLIENTE: 066072

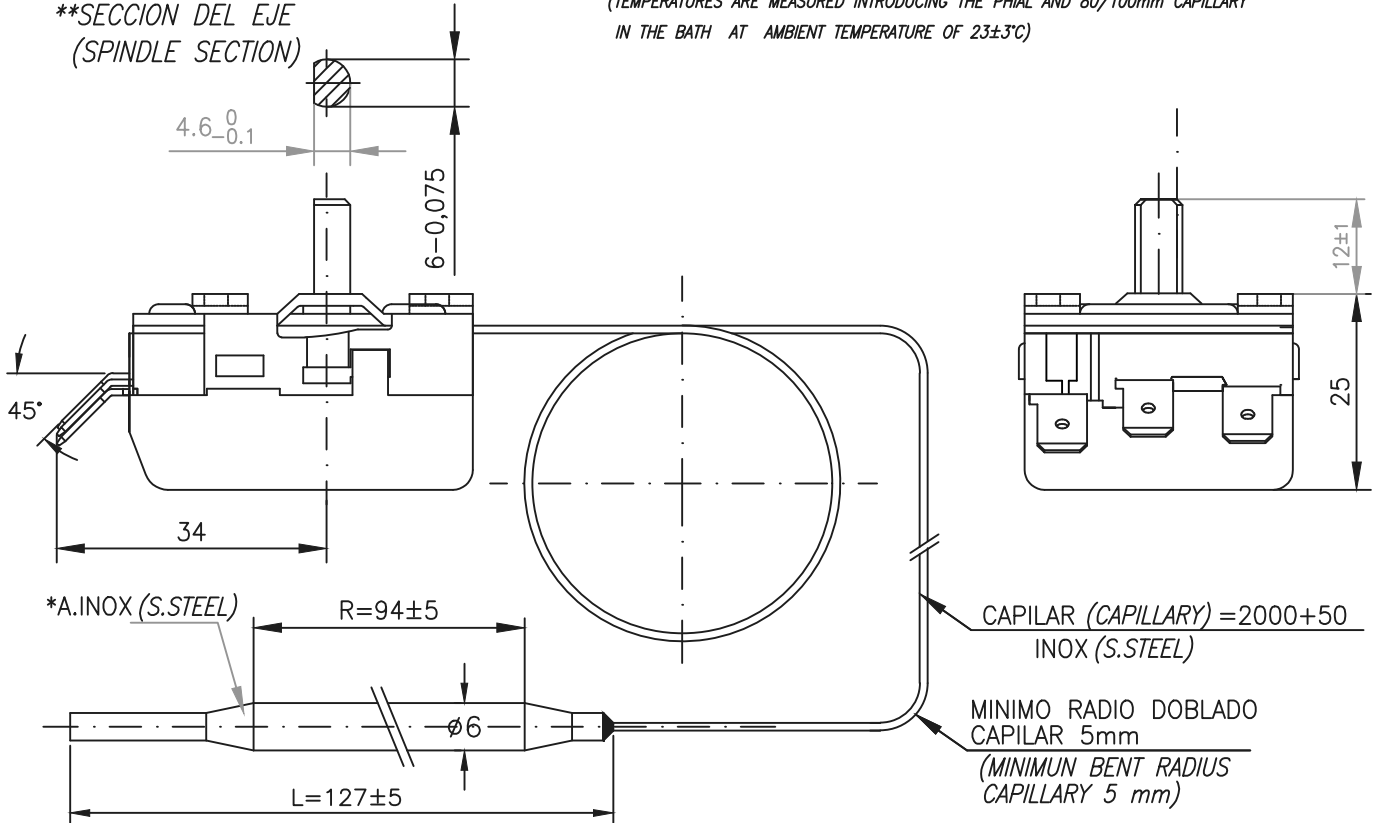
SUSTITUYE A:



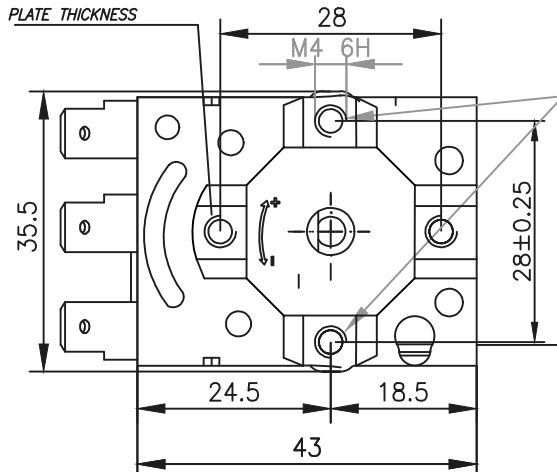
NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY)  $\pm 2 \pm 1^\circ\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE)  $85^\circ\text{C}$
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) P-1 : 16A/400V~ P-2: 6A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-20 \div 80^\circ\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION P-2 (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES P-2)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23 \pm 3^\circ\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23 \pm 3^\circ\text{C}$ )

\*\*SECCION DEL EJE (SPINDLE SECTION)



MAX. LONG. DEL TORNILLO 4 mm  
 MAS ESP. CHAPA  
 MAX.SCREW LENGHT 4mm PLUS  
 PLATE THICKNESS



LONG. DEL TORNILLO SERA DE 6 mm MAS EL ESPESOR DE LA CHAPA  
 (IN THESE HOLES, THE MAX. SCREW LENGHT WILL BE 6mm PLUS PLATE THICKNESS)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)

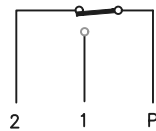
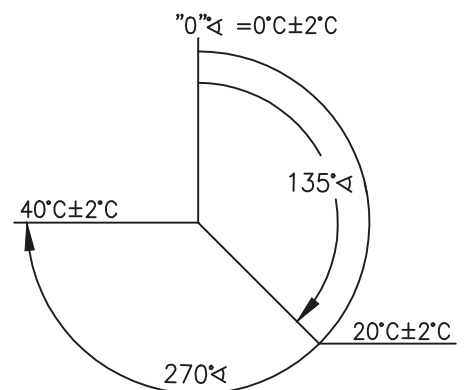
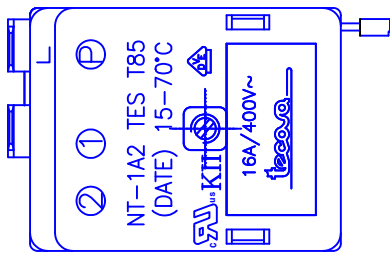


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



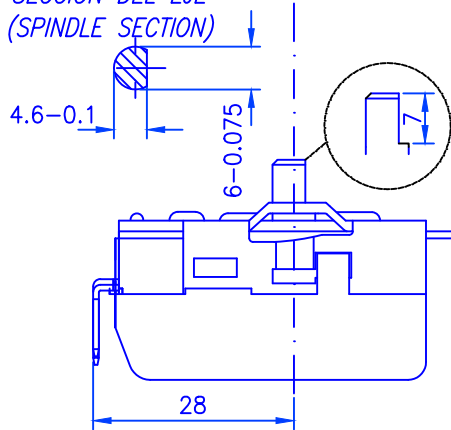
* N-957X ** N-40864/2 (0.75)		DRAWN	CHECKED	DATE	
EDITION		L.FDEZ.		13-01-00	
REVISIONS	C)UL symbol Added	E.Garcia		2013/11/18	NT-164 FH
	D) Updated phial length according to practical results.	E.Mutlu	V.B.C.	16.04.2014	
	E) Updated thermostat reference and marking on cover.	E.Mutlu	V.B.C.	12.06.2014	
	F) Updated and removed UL logo	Ç.K.	V.B.C.	17.03.2022	
	G) Updated and changed refer., bef TB-04/2	V.B.C.		2022/10/24	
SCALE	TERMOSTATO (THERMOSTAT)			Customer ref.	
1:1				REPLACES TO; TB-04/2 TB-04/1	



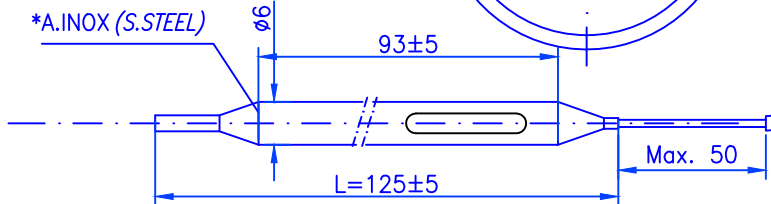
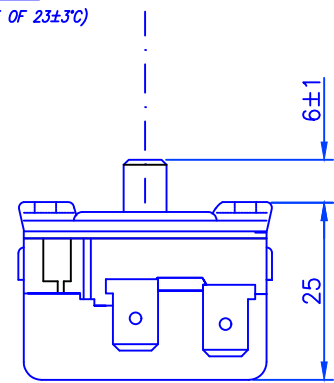
NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY)  $4^{\circ}\text{C}\pm 2^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE)  $85^{\circ}\text{C}$
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-40 \div 83^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS HAN SIDO MEDIDAS INTRODUCIENDO  $40/60\text{mm}$  DE CAPILAR EN EL BAÑO Y A UNA TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING  $40/60\text{mm}$  CAPILLARY IN THE BATH AND AT AN AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )

\*\*SECCION DEL EJE (SPINDLE SECTION)



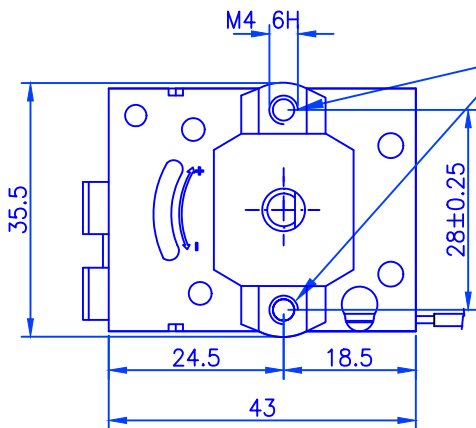
PROTECTION (PROTECCION) PVC



CAPILAR (CAPILLARY) =615+50 A.INOX (S.STEEL)

MINIMO RADIO DOBLADO CAPILAR 5mm (MINIMUM BENT RADIUS CAPILLARY 5 mm)

EN ESTE AGUJERO LA MAX. LONG. DEL TORNILLO SERA DE 11 mm MAS EL ESPESOR DE LA CHAPA  
(IN THIS HOLE, THE MAX. SCREW LENGHT WILL BE 11mm PLUS PLATE THICKNESS)



CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)

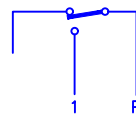
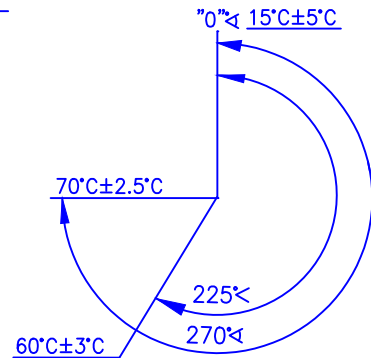
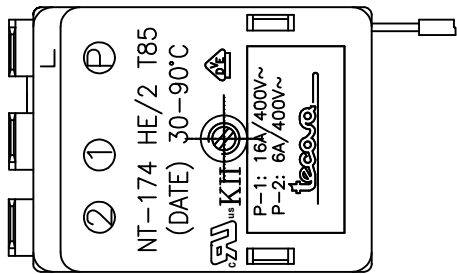


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



\* N-787X/10 \*\* N-40863/CHS-1 (1,1)

		Toler. general UNE/EN 22768 "m"	DIBUJADO	REVISADO	FECHA	
		EDICION	E.Mutlu	V.B.C.	26.06.2012	
EDICIONES	A)	Increased initial temperature 8°C. Changed spindle position.	E.Mutlu	V.B.C.	12.07.2012	<p>NT-1A2 TES</p> <p>Customer reference: 102192</p> <p>N°Codice:</p>
	B)	Indicated a remark about special spindle	V.B.C.		2012/11/05	
	C)	Inserted HC marking.	S.A.	V.B.C.	2016.11.07	
	D)	Changed capillary lenght before 510mm	G.K.	V.B.C.	2018.06.20	
	E)	Updated temperature diagram and spingle reference	G.K.	V.B.C.	2018.07.26	
	F)	Updated max phial temperature	G.K.	S.A.	2018.09.19	
ESCALAS	1:1	TERMOSTATO (THERMOSTAT)				



NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY ) 3°C <sup>+1</sup> <sub>-2</sub>
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) 85°C
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) P-1 : 16A/400V~ P-2: 6A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL) -20 ÷ 140°C
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- FASTON 6,3 x 0,8 DIN 46244
- 7- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE 23±3°C (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF 23±3°C)

\*\*SECCION DEL EJE (SPINDLE SECTION)

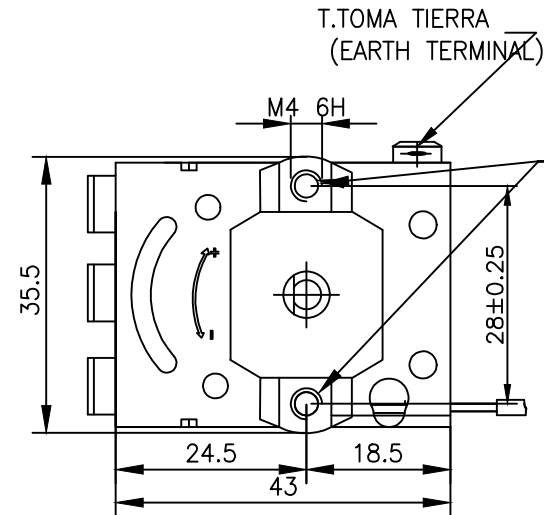
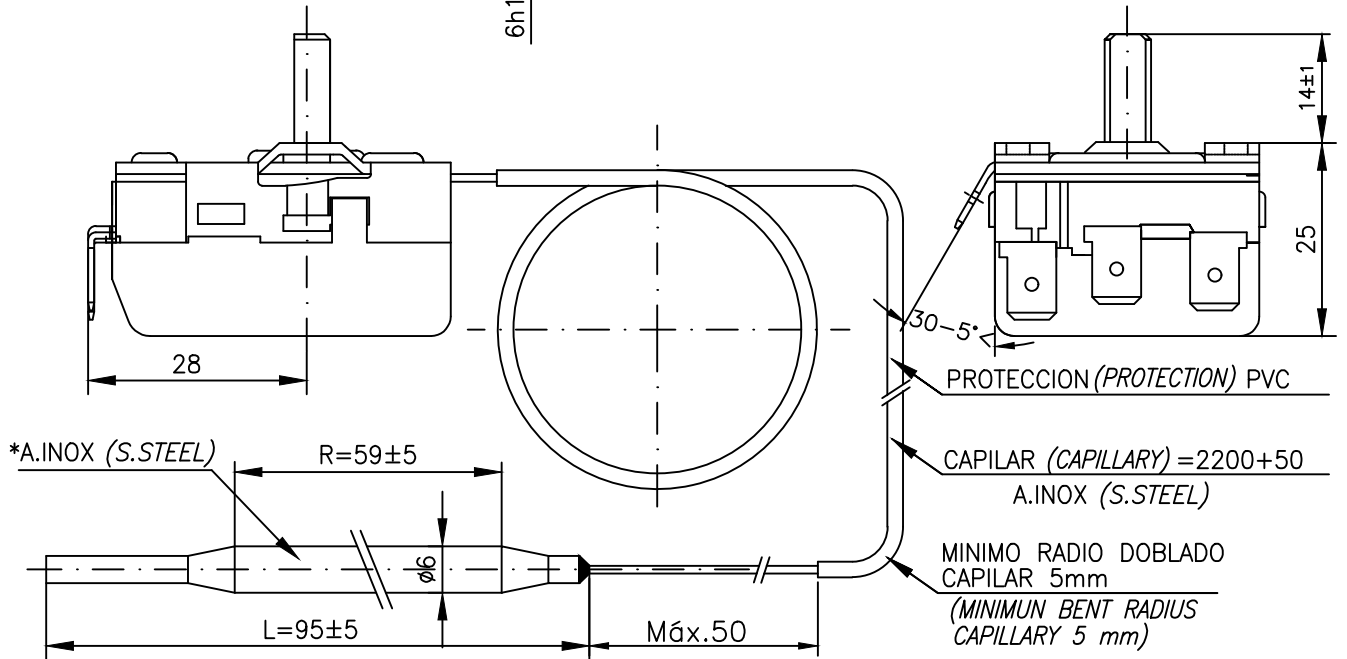
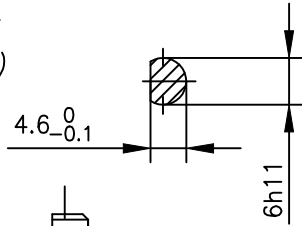
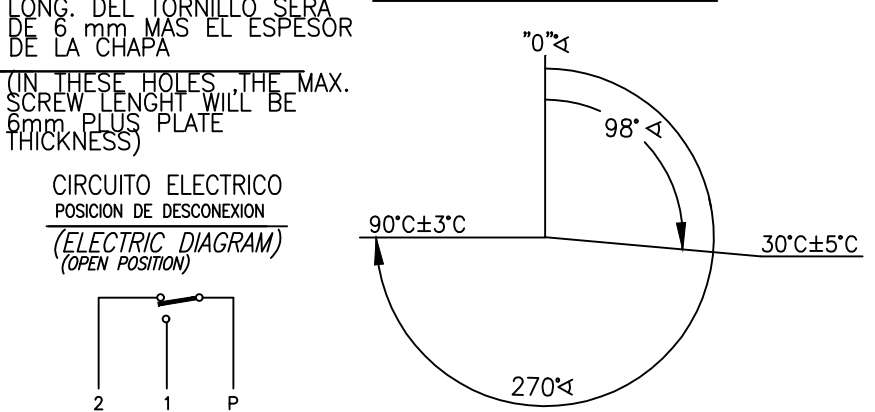
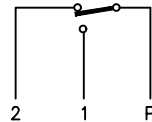


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)



N-853 X1 \*\* N40.861/6 (1.25)

Muestra N°246/2006

Toler. general UNE/EN 22768 "m"		DIBUJADO	REVISADO	FECHA
EDICION		Sergio		29/01/2004
B) Modified material of sensing element, before Cu.		Sergio		28/06/2006
C) Modified temperature limits on the phial		ARITZ		13/12/2006
D) Modified the phial desing.		Aritz L.		10/12/2007
E) Modified flange and earth terminal Before 4 holed flange		V.B.C.		2012/10/10
F) Drawing is updated.		Ç.K.	V.B.C.	22/03/2021



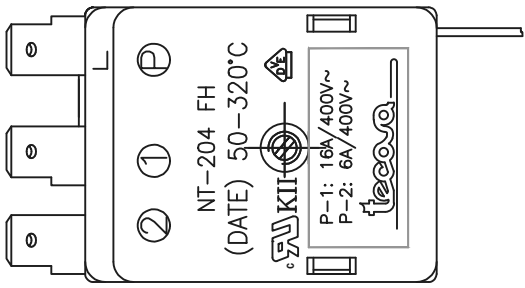
NT-174 HE/2

REF. CLIENTE:

SUSTITUYE A:

ESCALAS 1:1

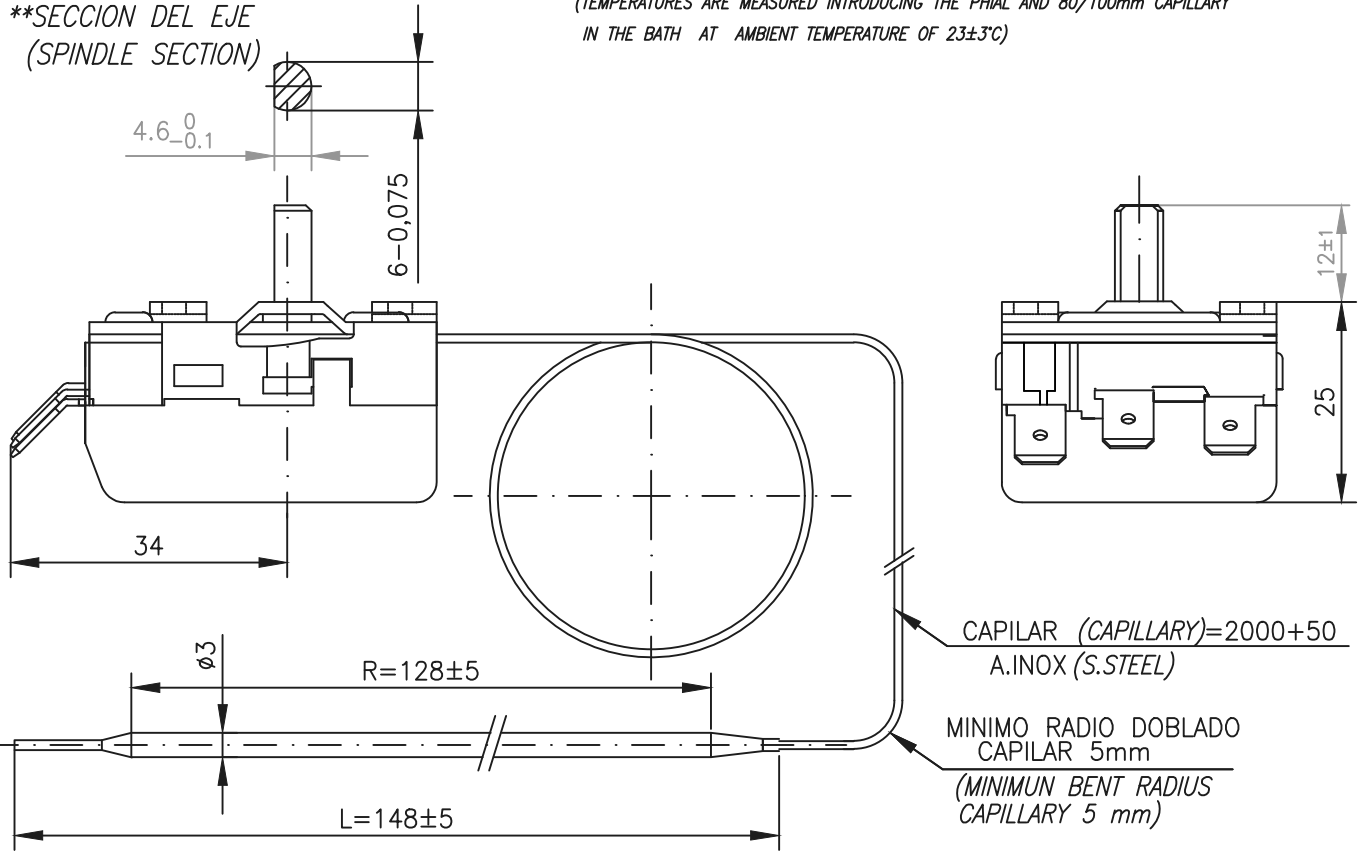
TERMOSTATO (THERMOSTAT)



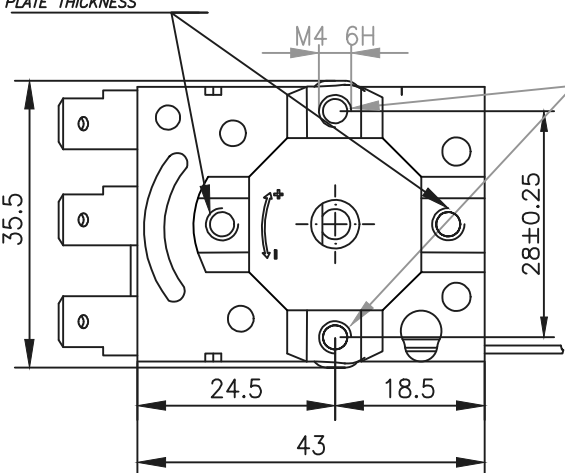
NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY)  $7^{\circ}\text{C} \pm 3.5^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) VDE  $125^{\circ}\text{C}$  UL:120
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) P-1 : 16A/400V~ P-2: 6A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10 \div 330^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23 \pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23 \pm 3^{\circ}\text{C}$ )

\*\*SECCION DEL EJE (SPINDLE SECTION)



MAX. LONG. DEL TORNILLO 4 mm  
 MAS ESP. CHAPA  
 MAX.SCREW LENGHT 4mm PLUS  
 PLATE THICKNESS



EN ESTOS AGUJEROS LA MAX. LONG. DEL TORNILLO SERA DE 6 mm MAS EL ESPESOR DE LA CHAPA  
 (IN THESE HOLES, THE MAX. SCREW LENGHT WILL BE 6mm PLUS PLATE THICKNESS)

CIRCUITO ELECTRICO POSICION DE DESCONEXION  
 (ELECTRIC DIAGRAM) (OPEN POSITION)

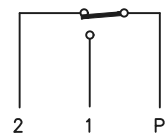
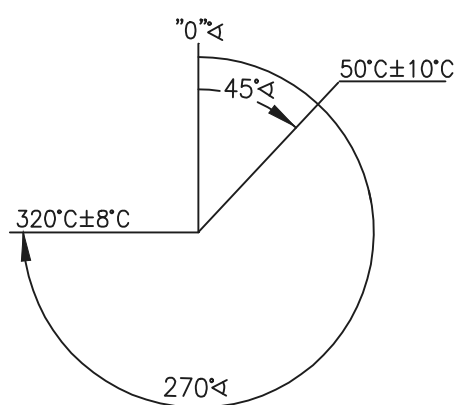


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



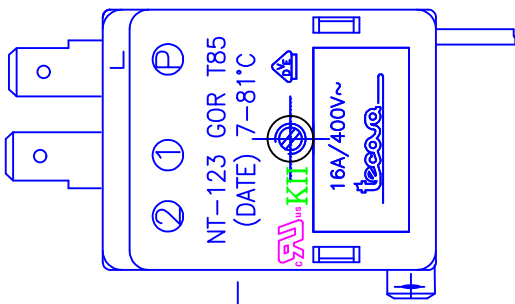
* N-874X ** N-40860/4 (1.41)		DRAWN	CHECKED	DATE
EDITION		Sergio		03/07/02
REVISIONS	E)UL symbol Added	E.Garcia		2013/11/19
	F) Updated thermostat reference and marking on cover.	E.Mutlu	V.B.C.	12.06.2014
	G) Updated phial length, before R=133, L=157.	E.Mutlu	V.B.C.	20.08.2014
	H) Changed differential before 6±3	E.Garcia		09/01/2018
	I)Updated and removed UL logo	Ç.K.	v.B.C.	17/03/2022
J)Updated and changed reference, bef.TB-32/2	V.B.C.		2022/10/24	



NT-204 FH

SCALE	TERMOSTATO (THERMOSTAT)
1:1	

Customer ref.:
Replace to: TB-32/2
TB-32/1



NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION (CONNECTION DIFFERENCE)  $5^{\circ}\text{C} \pm 2.5^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE)  $85^{\circ}\text{C}$
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10 \div 150^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23 \pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23 \pm 3^{\circ}\text{C}$ )

\*\*SECCION DEL EJE (SPINDLE SECTION)

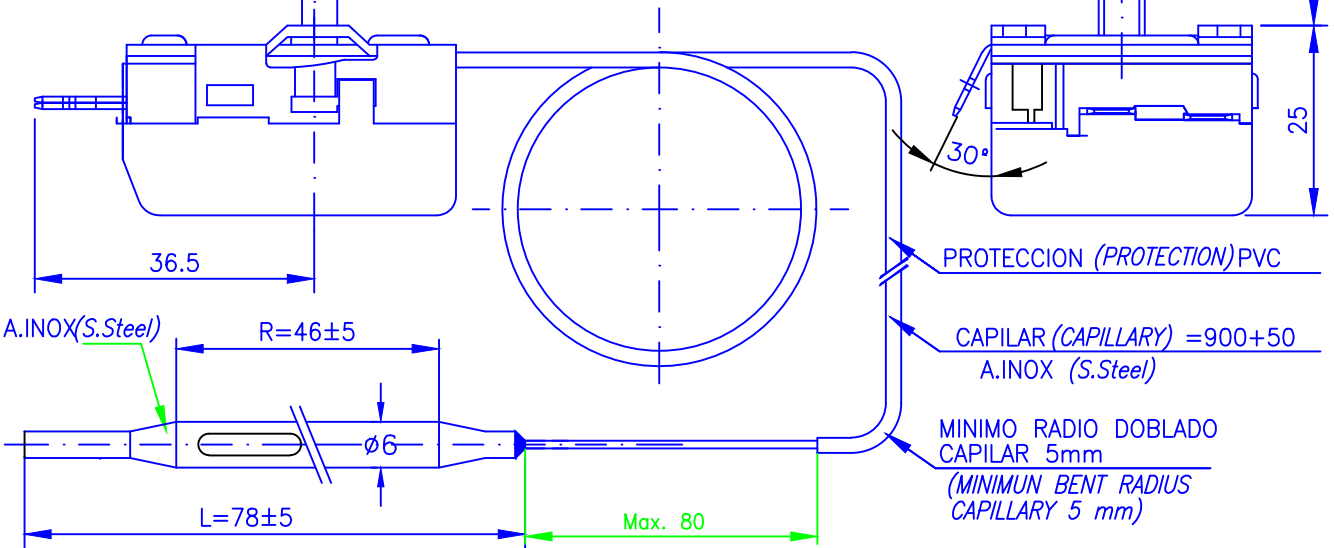
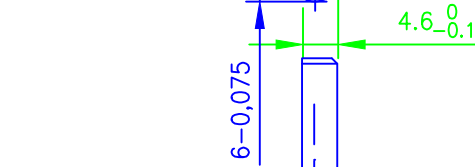
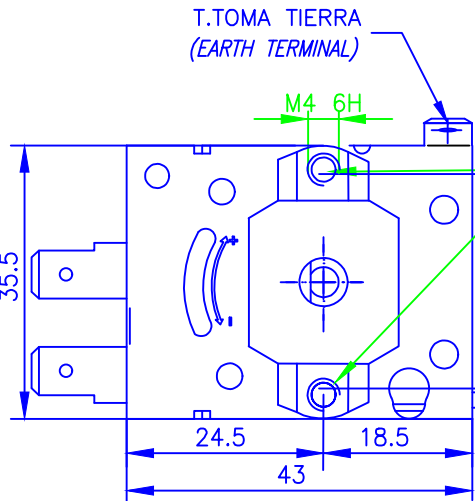
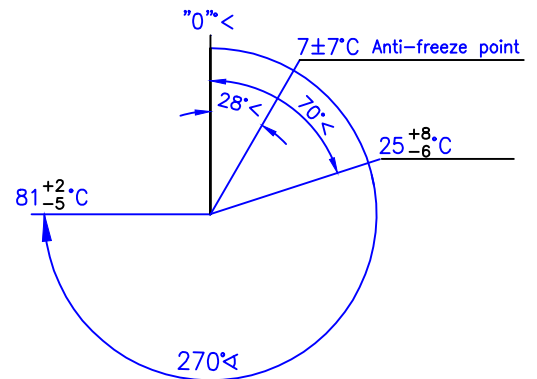
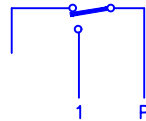


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



EN ESTOS AGUJEROS LA MAX. LONG. DEL TORNILLO SERA DE 6 mm (IN THESE HOLES THE MAX. SCREW LENGTH WILL BE 6mm)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)

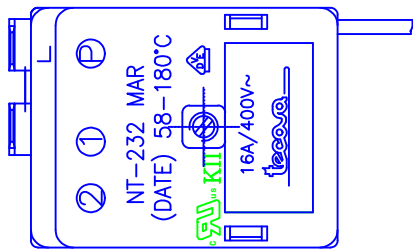


\*N-319X/5

\*\* N-40864/1 (0,75)

(\*)Thermostat can be conected at  $0^{\circ}\text{C}$  if ambient temperature is lower than  $15^{\circ}\text{C}$

	Toler. general UNE/EN 22768 "m"	DIBUJADO	REVISADO	FECHA	
	General tolerance UNE/EN 22768 "m"	DRAWN	APPROVED	DATE	
EDICION EDITION	E.Mutlu	V.B.C.	12.12.2014		
EDICIONES EDITIONS	A) Added remark of connection at $0^{\circ}\text{C}$	V.B.C.		2015/01/15	NT-123 GOR
	B) Adjusting temperature was changed.	S.A.	V.B.C.	2019/03/27	
	C) Changed capillary length, bef. 1000	V.B.C.		2020/05/19	
	D) Modified angle of earth terminal	V.B.C.		2021/04/21	
ESCALAS SCALE	TERMOSTATO (THERMOSTAT)			Ref. Cliente: 844725-KT 165 AC2A Customer reference:	Sustituye a: Replacing:580499
1:1					



NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION (CONNECTION DIFFERENCE)  $5 \pm 2.5^\circ\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) VDE: T150
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~ UL: T120
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10$  Y  $240^\circ\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23 \pm 3^\circ\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23 \pm 3^\circ\text{C}$ )

\*\*SECCION DEL EJE (SPINDLE SECTION)

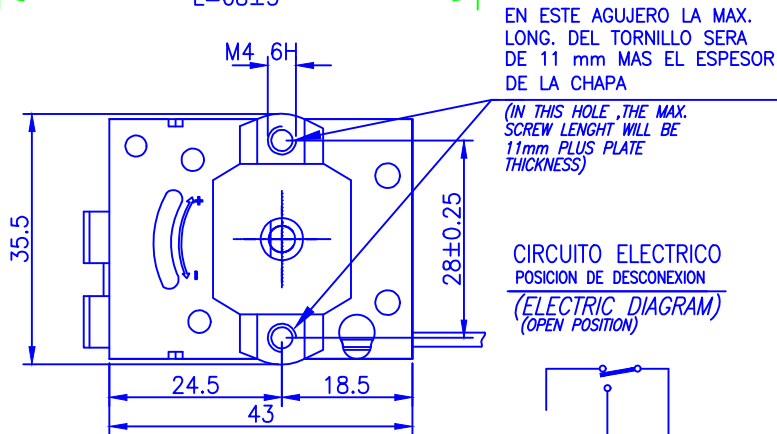
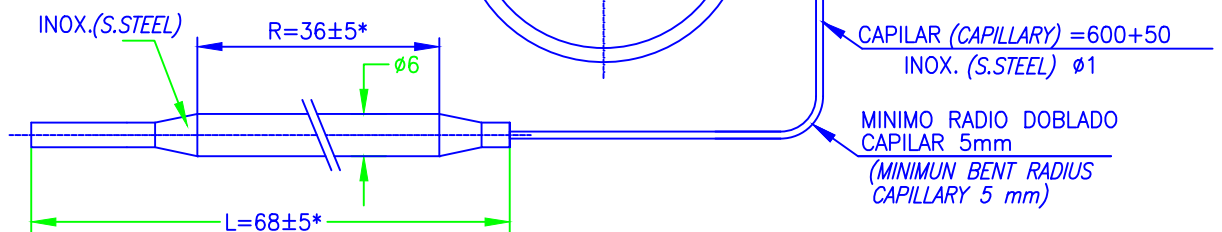
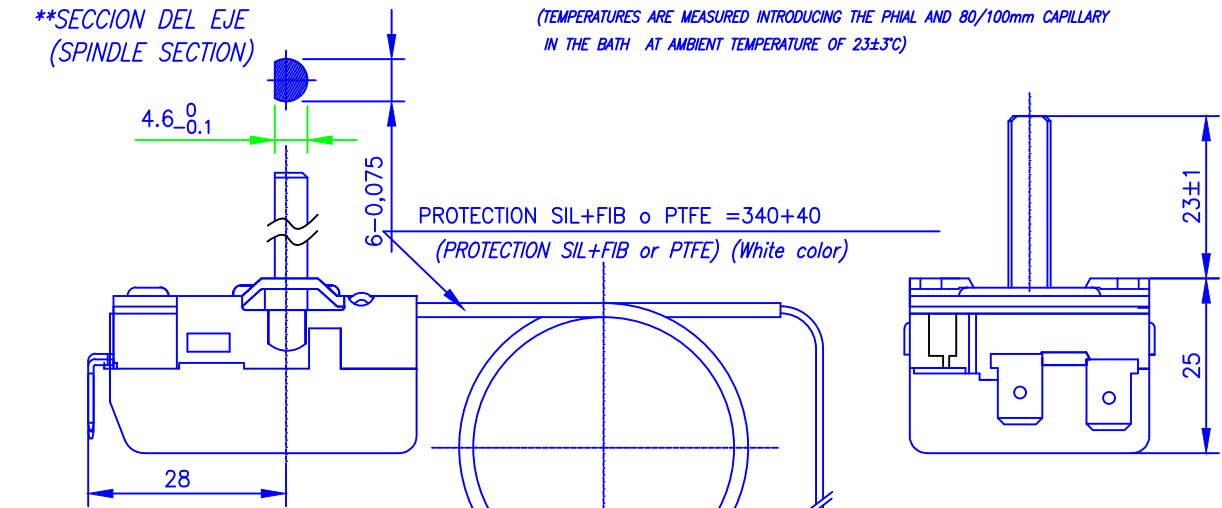
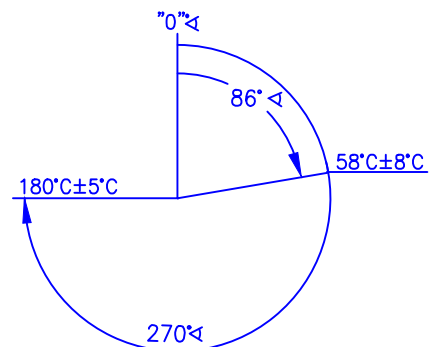
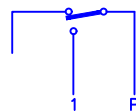


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)



\* N-665X/3 \*\* N-40.861/1 (1.25)

Toler. general UNE/EN 22768 "m" General tolerance UNE/EN 22768 "m"		DIBUJADO DRAWN	REVISADO APPROVED	FECHA DATE
EDICION EDITION		E.Mutlu	V.B.C.	18.04.2013
A) Modified protection length, before 100mm		V.B.C.		2014/07/03
B) Modified protection length, before 200mm		E.Mutlu	V.B.C.	11.12.2014
C) Protection color indicated as "White"		E.K.	V.B.C.	28.07.2015
D) Changed R and L to interm. value		V.B.C.		13.12.2017

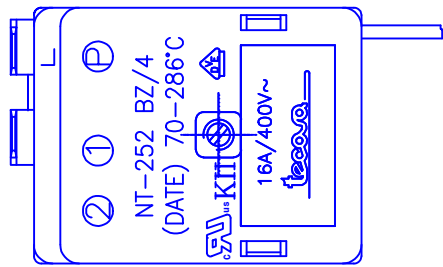


NT-232 MAR

Ref. Cliente:  
Customer reference:  
Sustituye a:  
Replacing:

ESCALAS  
SCALE  
1:1

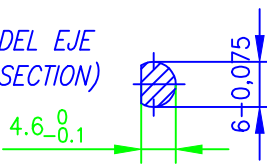
TERMOSTATO (THERMOSTAT)



NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY)  $7\pm 3^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE)  $\text{VDE}-150^{\circ}\text{C}/\text{UL}-120^{\circ}\text{C}$
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10 \pm 350^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )

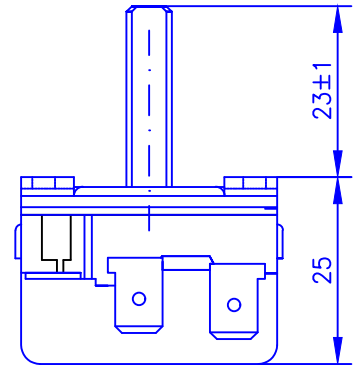
\*\*SECCION DEL EJE (SPINDLE SECTION)



CAPILAR (CAPILLARY) =  $230+50$

PROTECCION COLOR "Rojo" ("RED" colour protection)

210-50mm PTFE or Sil+FV



PROTECCION COLOR "Rojo" ("RED" colour protection)

1000-50mm PTFE or Sil+FV

CAPILAR (CAPILLARY) =  $1350+50$

INOX (S.STEEL)  $\phi 1$

MINIMO RADIO DOBLADO CAPILAR 5mm (MINIMUM BENT RADIUS CAPILLARY 5 mm)

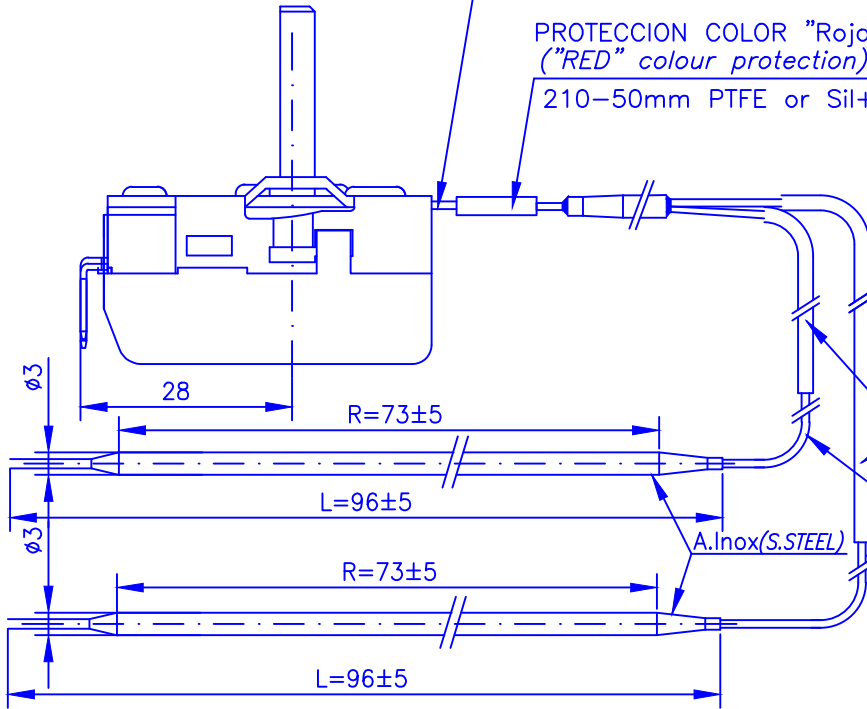
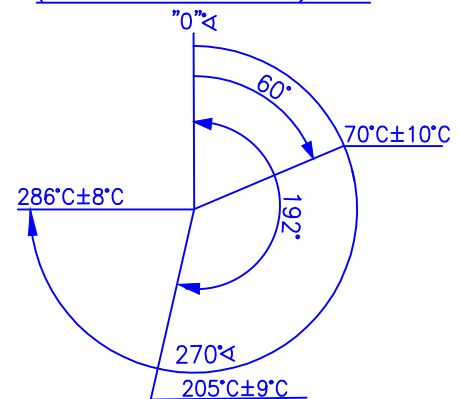
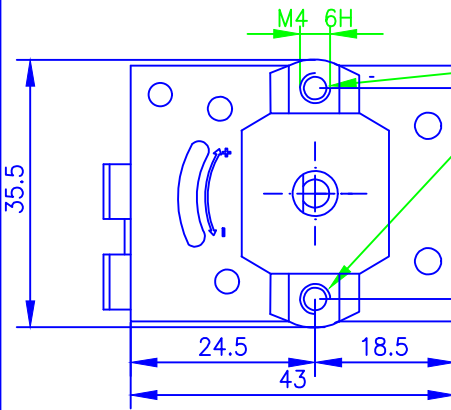
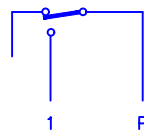


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



EN ESTOS AGUJEROS LA MAX. LONG. DEL TORNILLO SERA DE 6 mm (IN THESE HOLES, THE MAX. SCREW LENGTH WILL BE 6mm)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)



\* N-810X/1 \*\* N-40872/1 (1.5)

	Toler. general UNE/EN 22768 "m"	DIBUJADO	REVISADO	FECHA
	General tolerance UNE/EN 22768 "m"	DRAWN	APPROVED	DATE
EDICION	EDITION	V.B.C.		28/10/2020
EDICIONES	EDITIONS			
ESCALAS	SCALE	1:1		

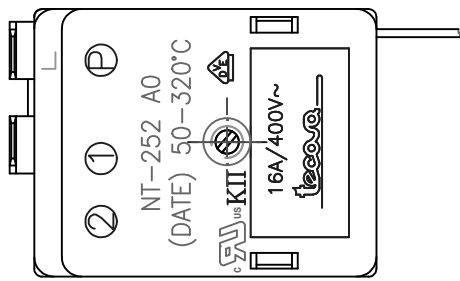
**teca**

NT-252 BZ/4

Ref. Cliente:  
Customer reference: 602099

Sustituye a:  
Replacing:

TERMOSTATO (THERMOSTAT)



- NOTAS (NOTES):
- 1- DIFERENCIA DE CONEXION (CONNECTION DIFFERENCE)  $7\pm 3^{\circ}\text{C}$
  - 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) VDE  $125^{\circ}\text{C}$  / UL  $120^{\circ}\text{C}$
  - 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
  - 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10$  Y  $340^{\circ}\text{C}$
  - 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
  - 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
  - 7- FASTON, 6,3 x 0,8 DIN 46244
  - 8- LAS TEMPERATURAS HAN SIDO MEDIDAS INTRODUCIENDO 80/100mm DE CAPILAR EN EL BAÑO Y A UNA TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING 80/100mm CAPILLARY IN THE BATH AND AT AN AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )

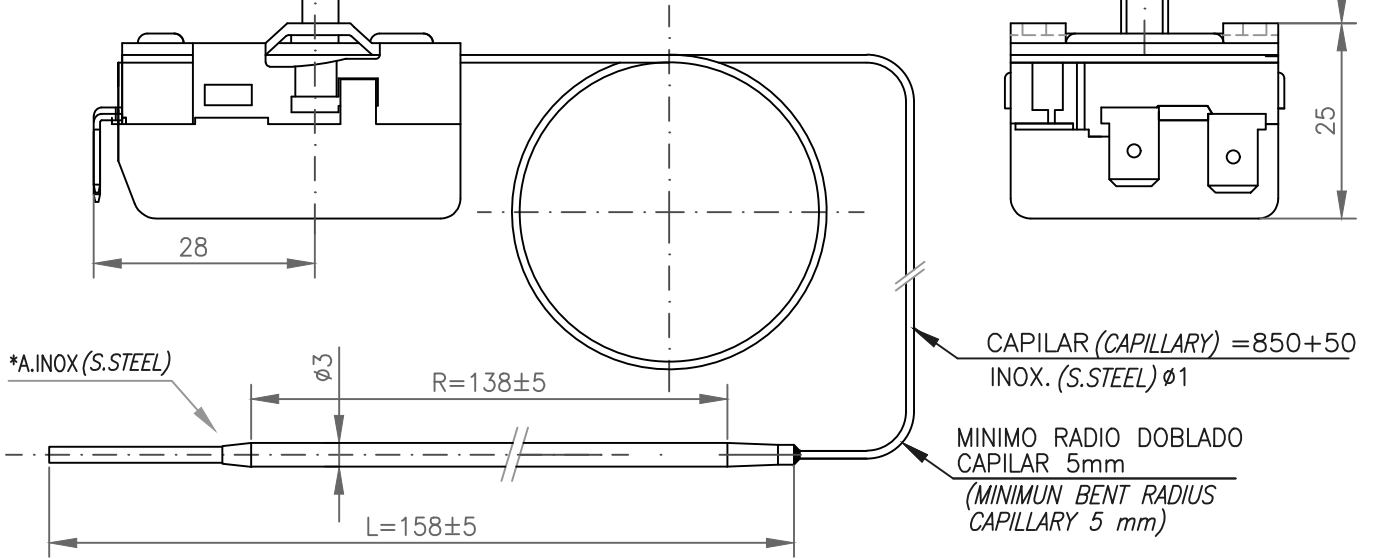
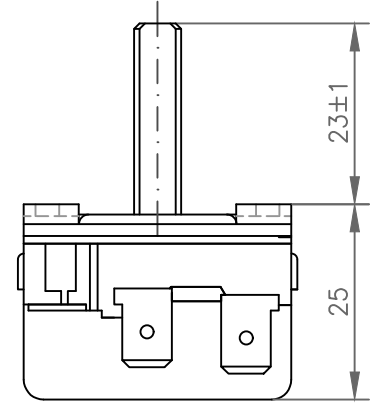
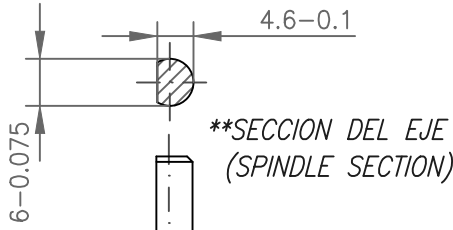
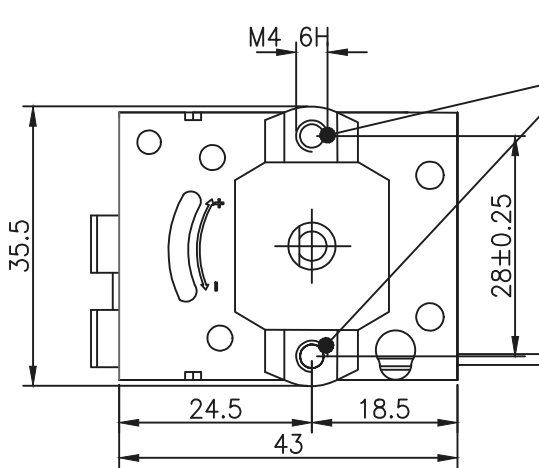
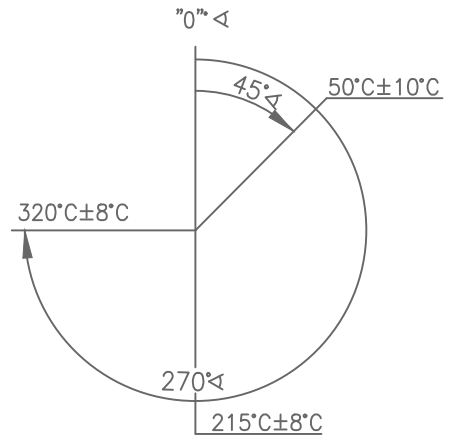
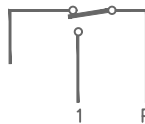


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



EN ESTE AGUJERO LA MAX. LONG. DEL TORNILLO SERA DE 6 mm  
(IN THIS HOLE, THE MAX. SCREW LENGTH WILL BE 6mm)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)



\*N-2485X \*\*N-40.872/1 (1.50)

	Toler. general UNE/EN 22768 "m"	DIBUJADO	REVISADO	FECHA
	General tolerance UNE/EN 22768 "m"	DRAWN	APPROVED	DATE
EDICION	EDITION	L.FDEZ.		03/05/1999
F) Change of reference sensing element before N-485X and pict 1,41(N-40860/1)		C.López		2009/01/26
G) Updated flange		V.B.C.		2014/07/21
H) According to practical results		E.Garcia		2018/02/15
I) According to practical results		V.B.C.		2019/02/12
J) Updated		V.B.C.		2021/12/16



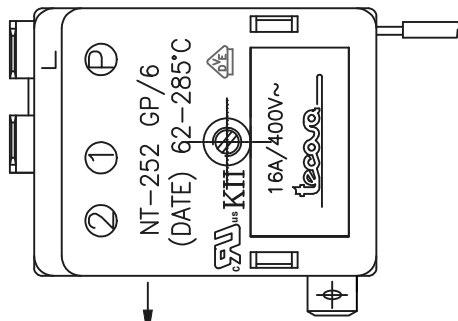
NT-252 A0

Ref. Cliente:  
Customer reference:

Sustituye a:  
Replacing:

ESCALAS  
SCALE  
1:1

TERMOSTATO (THERMOSTAT)



NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION (CONNECTION DIFFERENCE)  $7^{\circ}\text{C} \pm 3.5^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) VDE:T150//UL:T120
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10$  Y  $370^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS HAN SIDO MEDIDAS INTRODUCIENDO 80/100mm DE CAPILAR EN EL BAÑO Y A UNA TEMPERATURA AMBIENTE DE  $23 \pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING 80/100mm CAPILLARY IN THE BATH AND AT AN AMBIENT TEMPERATURE OF  $23 \pm 3^{\circ}\text{C}$ )

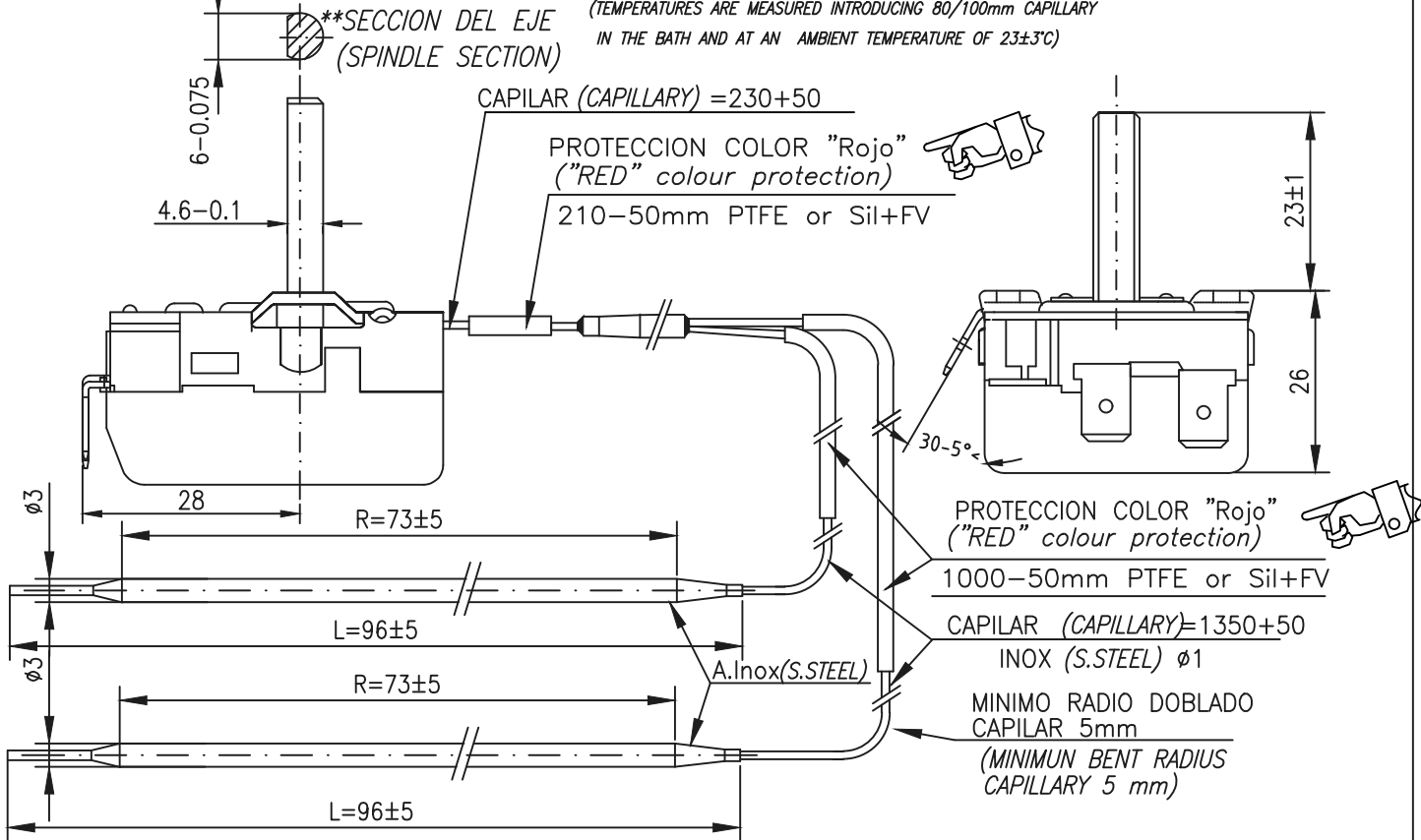
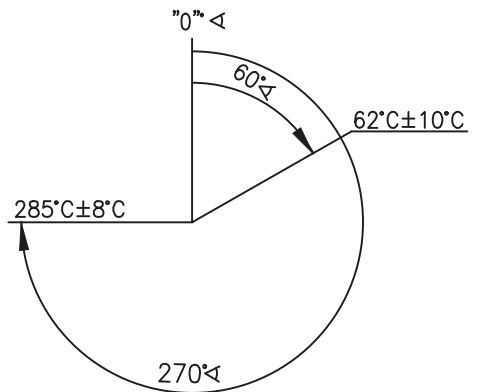


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



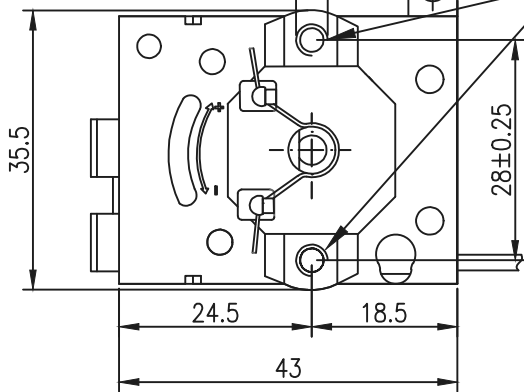
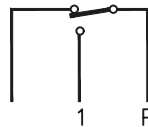
TERMINAL TOMA DE TIERRA (EARTH TERMINAL)

M4 6H

EN ESTE AGUJERO LA MAX. LONG. DEL TORNILLO SERA DE 6 mm MAS EL ESPESOR DE LA CHAPA

(IN THIS HOLE, THE MAX. SCREW LENGTH WILL BE 6mm PLUS PLATE THICKNESS)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)

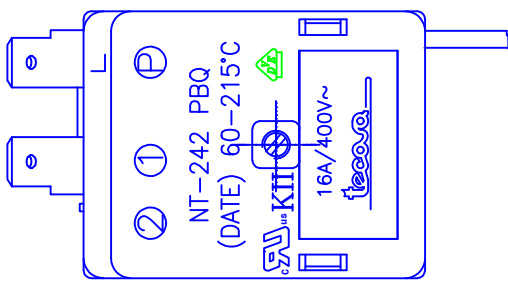


\*N-810X1

\*\*N-40.872M/18 (1.5)

EDICIONES		Toler. general UNE/EN 22768 "m"	DIBUJADO	REVISADO	FECHA	  NT-252 GP/6  REF. CLIENTE: SUSTITUYE A:
		EDICION	Sergio		12/04/2006	
	E)	Phial max. temp is changed. Before, 330°C	E.K.	V.B.C.	2016/05/25	
	F)	Phial max. temp is changed. Before, 350°C	S.A	V.B.C.	2016/06/29	
	G)	Inserted HC marking.	S.A.	V.B.C.	2016.10.31	
	H)	Added omega spring and changed spindle reference	S.A.	V.B.C.	2017.05.09	
I)	Omega flange and terminal angle updated.	Ç.K.	V.B.C.	28.12.2020		
J)	Spindle reference is updated.	Ç.K.	V.B.C.	01.12.2021		
ESCALAS	TERMOSTATO (THERMOSTAT)					
1:1						





NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY)  $6 \pm 3^\circ\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) VDE: T150 // UL: T120
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10$  Y  $320^\circ\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS HAN SIDO MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23 \pm 3^\circ\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23 \pm 3^\circ\text{C}$ )

\*\*SECCION DEL EJE (SPINDLE SECTION)

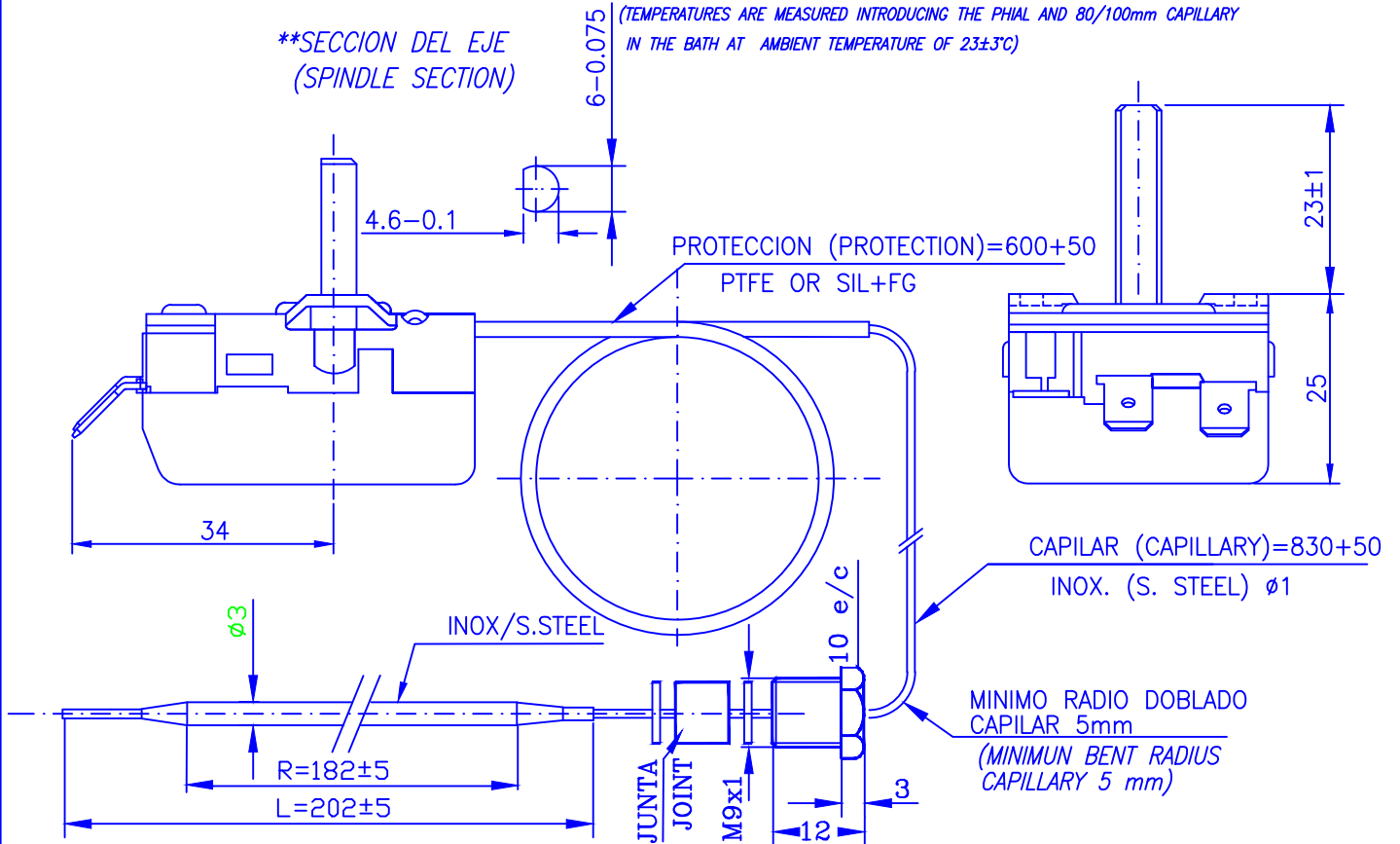
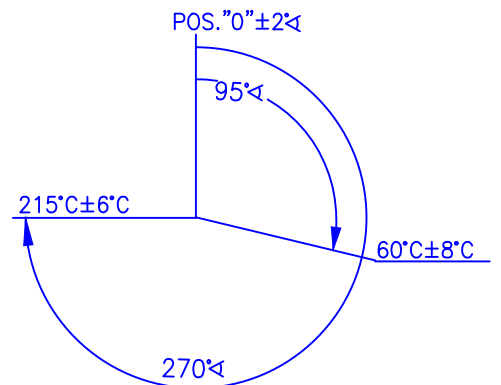
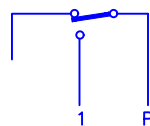


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



EN ESTE AGUJERO LA MAX. LONG. DEL TORNILLO SERA DE 6 mm MAS EL ESPESOR DE LA CHAPA (IN THIS HOLE THE MAX. SCREW LENGHT WILL BE 6mm PLUS PLATE THICKNESS)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)

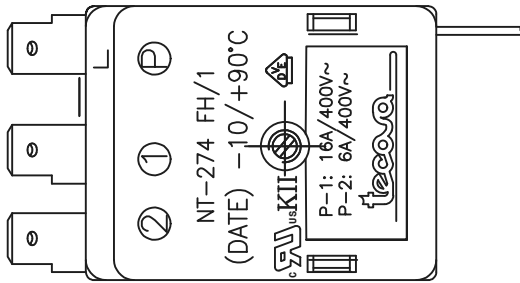


\* N-488X \*\* N-40860/1 (1.41)

		Toler. general UNE/EN 22768 "m"	DIBUJADO	REVISADO	FECHA
		General tolerance UNE/EN 22768 "m"	DRAWN	APPROVED	DATE
		EDICION EDITION	V.B.C.		2011/12/22
EDICIONES EDITIONS	A) Inserted HC marking.		S.A.	V.B.C.	2016.11.01
	B) Changed differential range		G.K.	V.B.C.	2018.02.06
	C) Updated R and L length		G.K.	S.A.	2018.10.26
ESCALAS SCALE 1:1		TERMOSTATO (THERMOSTAT)			Ref. Cliente: 12024623 Customer reference:
					Sustituye a: Replacing:



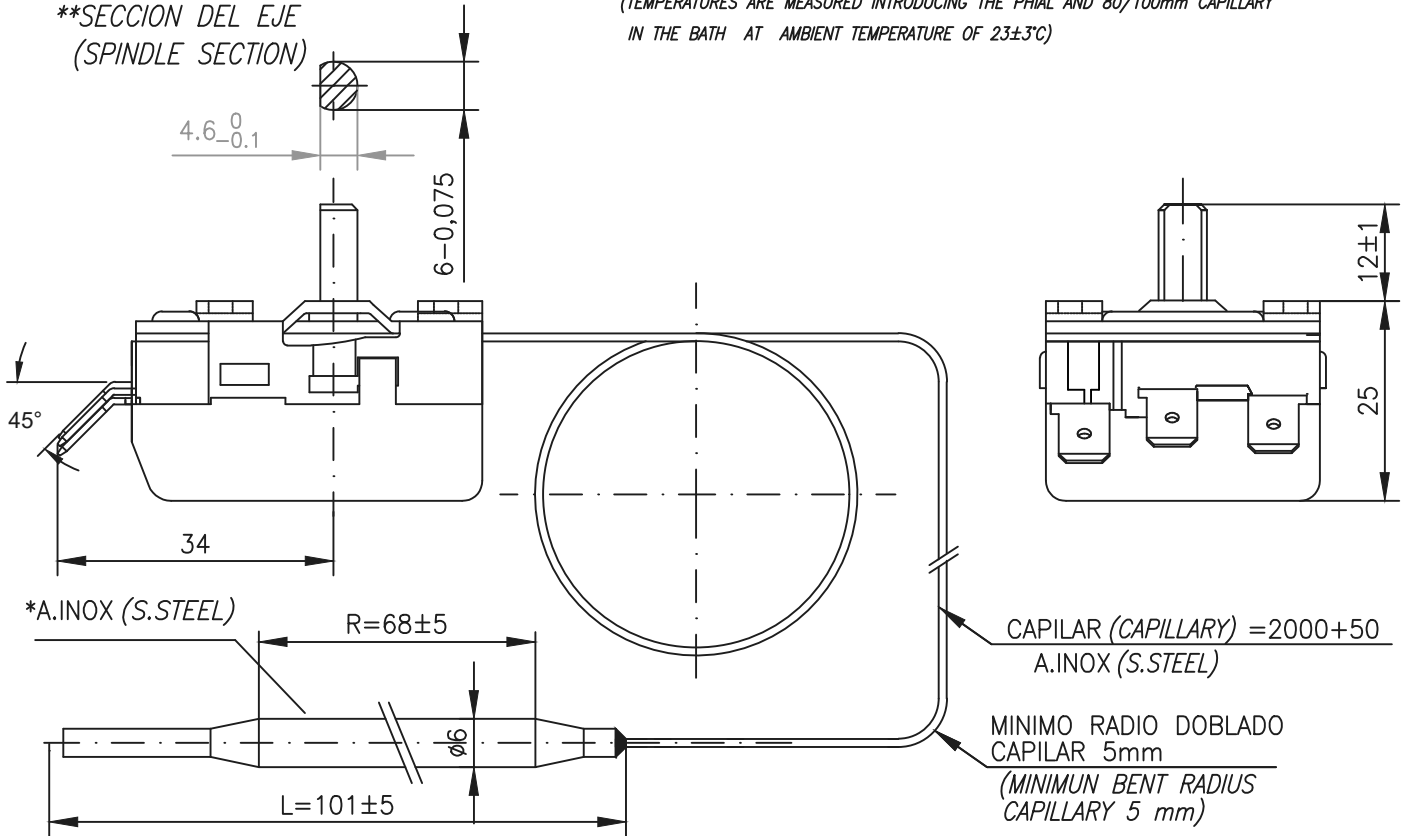
NT-242 PBQ



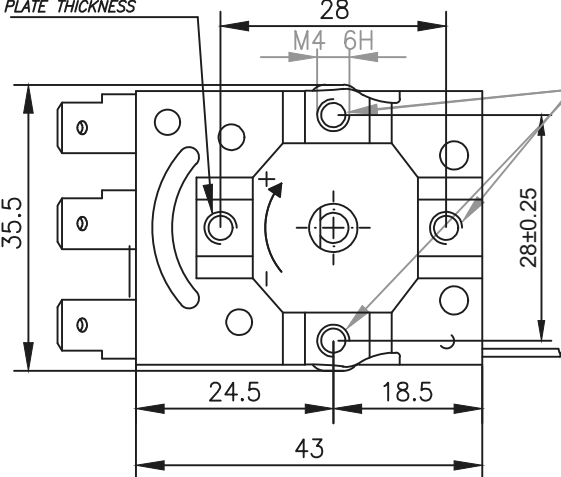
NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY)  $3^{\circ}\text{C} \pm 1.5^{\circ}\text{C}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE) VDE  $125^{\circ}\text{C}$ / UL  $120^{\circ}\text{C}$
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) P1:16A/400V~ P2:6A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10 \div 100^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION P-1 (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES P-1)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23 \pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23 \pm 3^{\circ}\text{C}$ )

\*\*SECCION DEL EJE (SPINDLE SECTION)



MAX. LONG. DEL TORNILLO 4 mm  
 MAS ESP. CHAPA  
 MAX.SCREW LENGHT 4mm PLUS  
 PLATE THICKNESS



EN ESTOS AGUJEROS LA MAX. LONG. DEL TORNILLO SERA DE 6 mm MAS EL ESPESOR DE LA CHAPA  
 (IN THESE HOLES, THE MAX. SCREW LENGHT WILL BE 6mm PLUS PLATE THICKNESS)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)

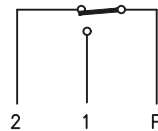
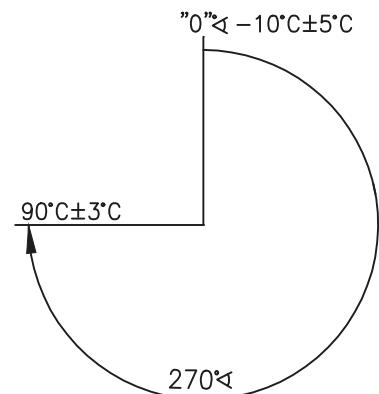


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



* N-871X ** N-40860/4 (1.41)		DRAWN	CHECKED	DATE
EDITION		Sergio		18/11/02
REVISIONS	E) Updated thermostat reference and marking on cover.	E.Mutlu	V.B.C.	12.06.2014
	F) Updated spindle length before 12±1mm.	S.A.	V.B.C.	24.05.2019
	G) Drawing and tolerance of spindle length updated.	Ç.K.	V.B.C.	01.07.2021
	H) Updated and removed UL logo	Ç.K.	V.B.C.	2022/03/17
	I) Updated, changed ref, bef TB-09/2	V.B.C.		2022/10/24

**teca**

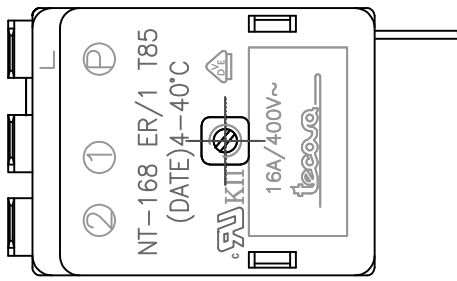
NT-274 FH/1

Ref. Cliente:

**Replaces to: TB-09/21**

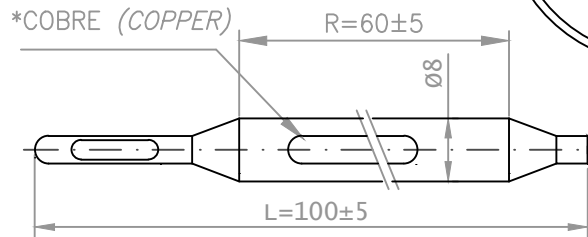
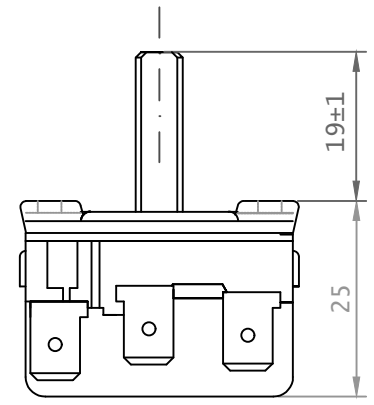
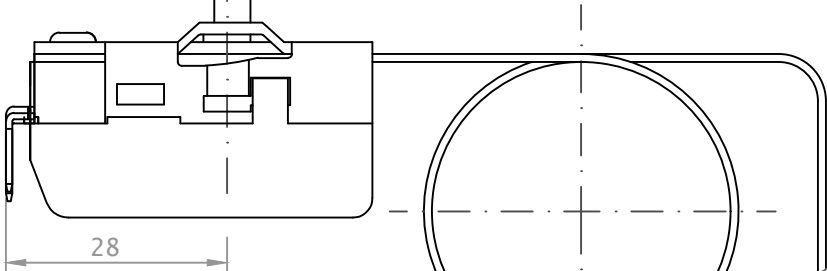
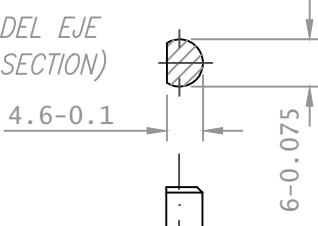
**TB-09/1**

SCALE	TERMOSTATO (THERMOSTAT)
1:1	



- NOTAS (NOTES):
- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY)  $3^{\circ}\text{C} \begin{smallmatrix} +1 \\ -2 \end{smallmatrix}$
  - 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE)  $85^{\circ}\text{C}$
  - 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
  - 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-20 \div 50^{\circ}\text{C}$
  - 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
  - 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
  - 7- FASTON 6,3 x 0,8 DIN 46244
  - 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )

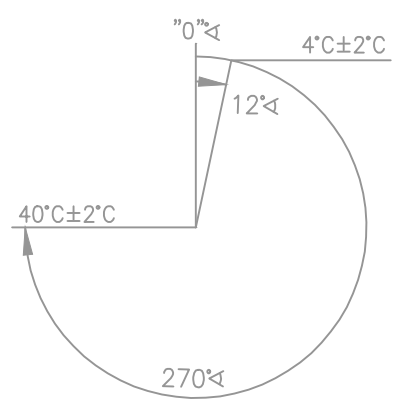
\*\*SECCION DEL EJE (SPINDLE SECTION)



CAPILAR (CAPILLARY) = 1500+50 A.Inox. (S.Steel)

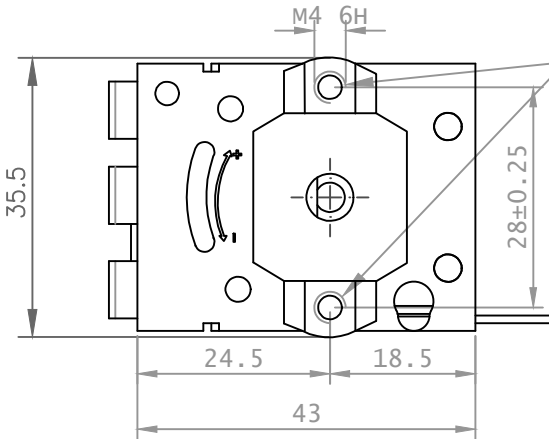
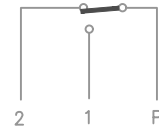
MINIMO RADIO DOBLADO CAPILAR 5mm (MINIMUM BENT RADIUS CAPILLARY 5 mm)

DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



EN ESTOS AGUJEROS LA MAX. LONG. DEL TORNILLO SERA DE 11 mm MAS EL ESPESOR DE LA CHAPA (IN THESE HOLES, THE MAX. SCREW LENGTH WILL BE 11mm PLUS PLATE THICKNESS)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)



\* N-799X \*\* N-40.864/12 (0.75)

EDICIONES	Toler. general UNE/EN 22768"m"	DIBUJADO	REVISADO	FECHA
	EDICION	V.B.C.		22/04/10
	A) Modified spindle ref and s. elem.	V.B.C.		2011/01/21
	B) Modified spindle length before 21mm	V.B.C.		2011/01/26

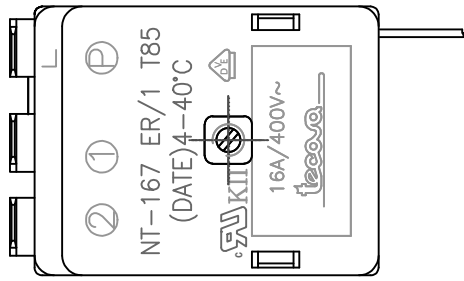


NT-168 ER/1

REF. CLIENTE:	
SUSTITUYE A:	

ESCALAS 1:1

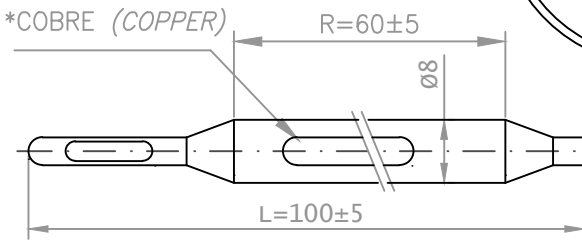
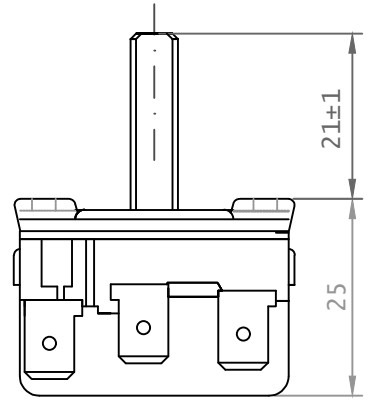
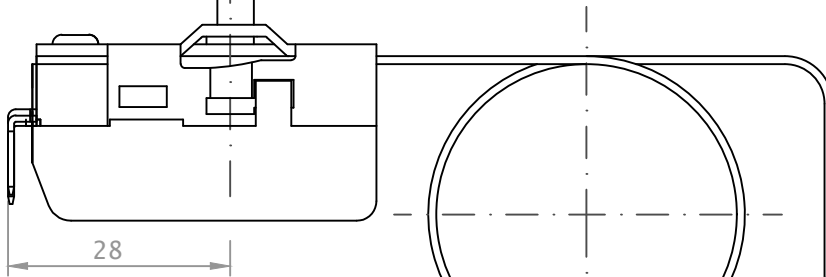
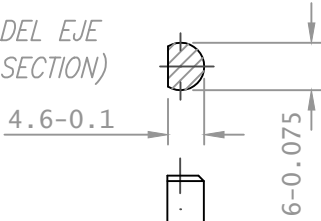
TERMOSTATO (THERMOSTAT)



NOTAS (NOTES):

- 1- DIFERENCIA DE CONEXION APROXIMADA (CONNECTION DIFFERENCE APPROXIMATELY)  $3^{\circ}\text{C} \begin{smallmatrix} +1 \\ -2 \end{smallmatrix}$
- 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE)  $85^{\circ}\text{C}$
- 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
- 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-20 \div 50^{\circ}\text{C}$
- 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
- 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
- 7- FASTON 6,3 x 0,8 DIN 46244
- 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23 \pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23 \pm 3^{\circ}\text{C}$ )

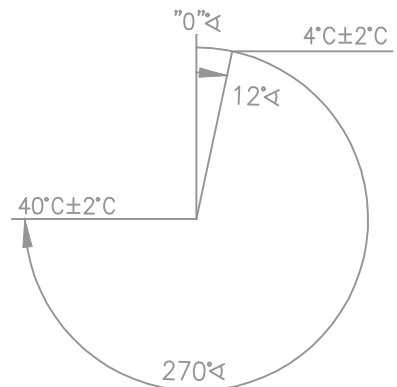
\*\*SECCION DEL EJE (SPINDLE SECTION)



CAPILAR (CAPILLARY) =  $850 \pm 50$  A.Inox. (S.Steel)

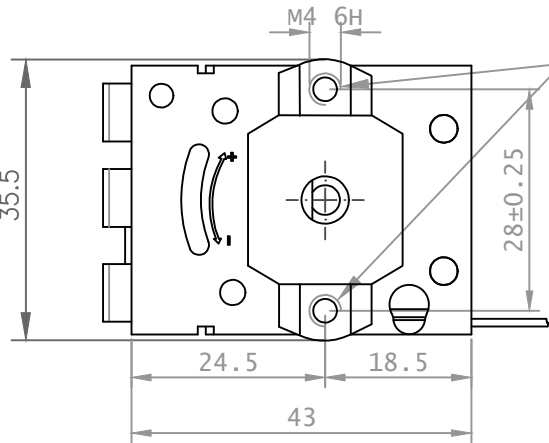
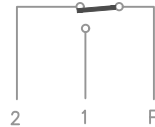
MINIMO RADIO DOBLADO CAPILAR 5mm (MINIMUM BENT RADIUS CAPILLARY 5 mm)

DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



EN ESTOS AGUJEROS LA MAX. LONG. DEL TORNILLO SERA DE 11 mm MAS EL ESPESOR DE LA CHAPA (IN THESE HOLES, THE MAX. SCREW LENGTH WILL BE 11mm PLUS PLATE THICKNESS)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)



\* N-559X1 \*\* N-40.864/3 (0.75)

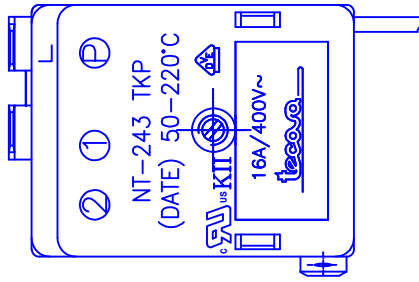
EDICIONES	Toler. general UNE/EN 22768 "m"	DIBUJADO	REVISADO	FECHA
	EDICION	C.López		06/04/01
	A) Actualizado y eliminado SPAIN de tapa. B) Change material of capillary before Cu and sensig element ref. N-559X	Sergio C.López		16/10/03 2009/11/12

**tecoa**  
BERANGO

NT-167 ER/1

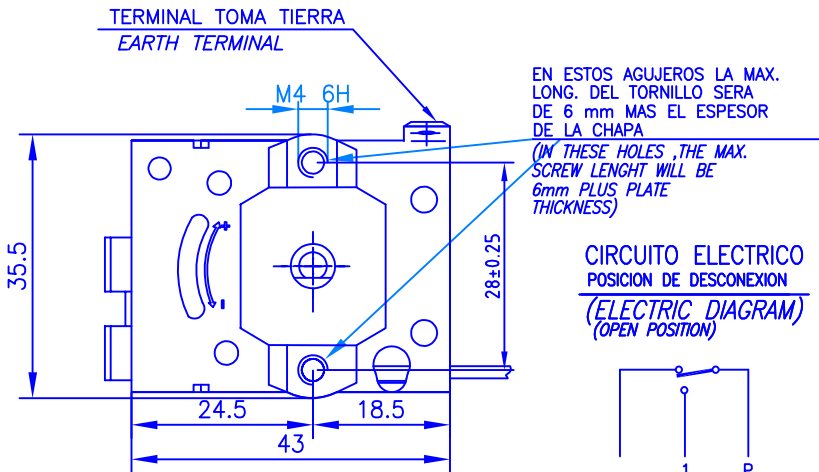
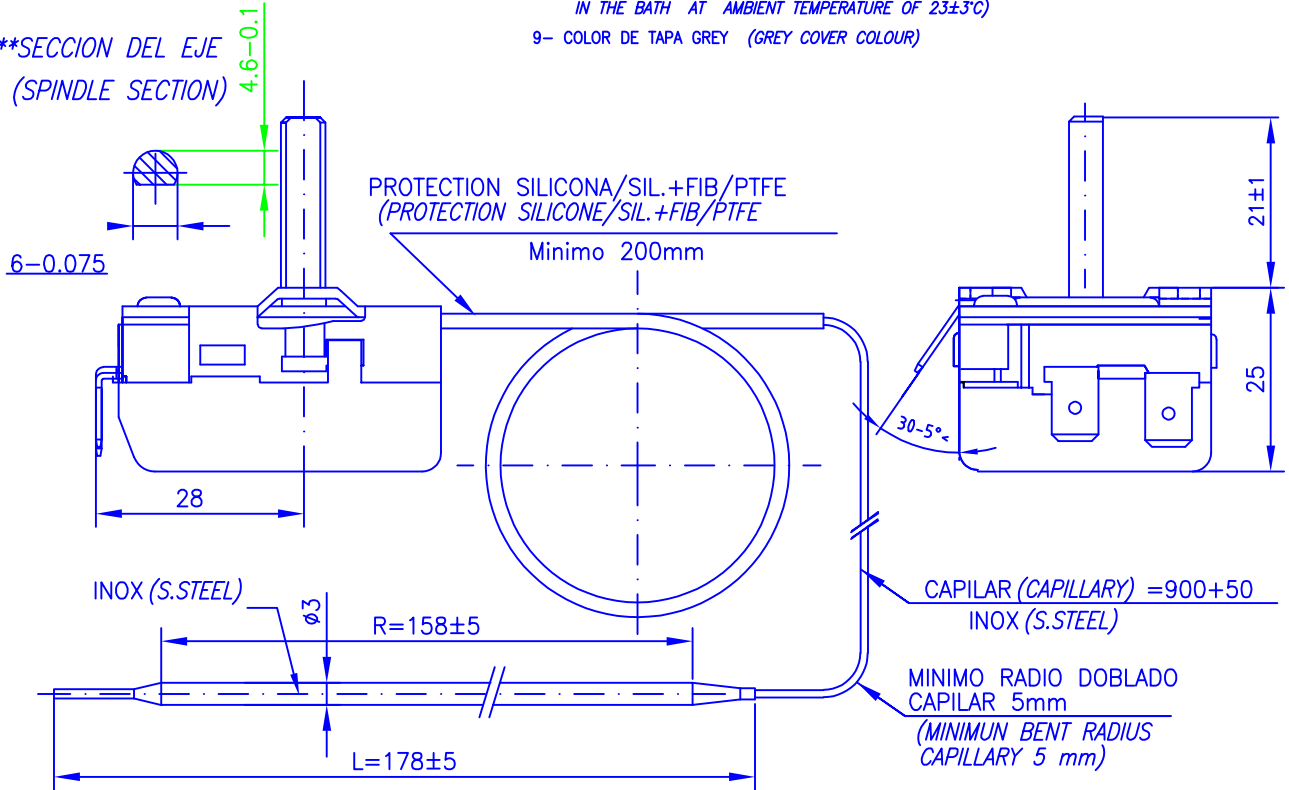
ESCALAS 1:1	TERMOSTATO (THERMOSTAT)
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REF. CLIENTE:	
SUSTITUYE A:	



- NOTAS (NOTES):
- 1- DIFERENCIA DE CONEXION (CONNECTION DIFFERENCE)  $6^{\circ}\text{C}\pm 3^{\circ}\text{C}$
  - 2- MAXIMA TEMPERATURA DEL CUERPO (MAXIMUM BODY TEMPERATURE)  $\text{VDE } 150^{\circ}\text{C}$   $\text{UL } 120^{\circ}\text{C}$
  - 3- CAPACIDAD DE MANIOBRA (POWER SUPPLY) 16A/400V~
  - 4- LIMITES DE TEMPERATURA EN EL BULBO (TEMPERATURE LIMITS ON THE PHIAL)  $-10 \pm 330^{\circ}\text{C}$
  - 5- LAS TEMPERATURAS INDICADAS SON VALORES DE DESCONEXION (THE INDICATED TEMPERATURES ARE DISCONNECTION VALUES)
  - 6- EJE DIBUJADO EN POSICION "0" (SPINDLE DRAW IN "0" POSITION)
  - 7- FASTON 6,3 x 0,8 DIN 46244
  - 8- LAS TEMPERATURAS SON MEDIDAS INTRODUCIENDO EL BULBO Y 80/100mm DE CAPILAR EN EL BAÑO A TEMPERATURA AMBIENTE DE  $23\pm 3^{\circ}\text{C}$  (TEMPERATURES ARE MEASURED INTRODUCING THE PHIAL AND 80/100mm CAPILLARY IN THE BATH AT AMBIENT TEMPERATURE OF  $23\pm 3^{\circ}\text{C}$ )
  - 9- COLOR DE TAPA GREY (GREY COVER COLOUR)

\*\*SECCION DEL EJE (SPINDLE SECTION)



EN ESTOS AGUJEROS LA MAX. LONG. DEL TORNILLO SERA DE 6 mm MAS EL ESPESOR DE LA CHAPA (IN THESE HOLES, THE MAX. SCREW LENGHT WILL BE 6mm PLUS PLATE THICKNESS)

CIRCUITO ELECTRICO POSICION DE DESCONEXION (ELECTRIC DIAGRAM) (OPEN POSITION)

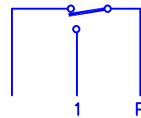
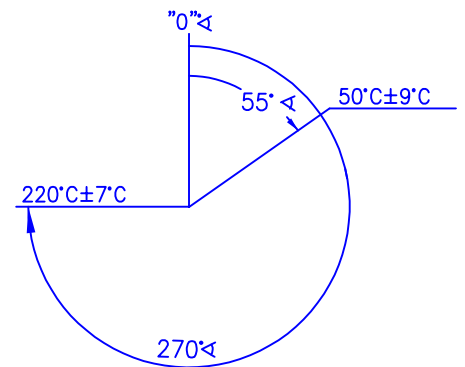


DIAGRAMA DE TEMPERATURAS (TEMPERATURE DIAGRAM)



\* N-2108X \*\* N-40863/10 (1.1)

	Toler. general UNE/EN 22768 "m"	DIBUJADO	REVISADO	FECHA	
	General tolerance UNE/EN 22768 "m"	DRAWN	APPROVED	DATE	
EDICION	EDITION	S.A.	V.B.C.	2017/08/03	
A) Changed spindle pitch reduce to angle. and reference changed before NT-253 TKP		S.A.	V.B.C.	2017/08/04	
B) Changed s. element and diagram		V.B.C.		2017/08/04	NT-243 TKP
C) Changed spindle lenght before 23±1		G.K.	V.B.C.	2018/11/16	
D) Earth terminal angle is updated, Bef. 15°<		Ç.K.	V.B.C.	06.05.2021	
ESCALAS	TERMOSTATO (THERMOSTAT)				REF. CLIENTE: 162452
1:1					SUSTITUYE A: