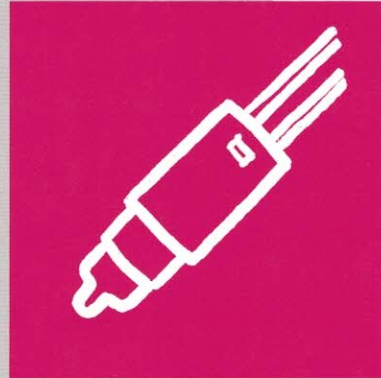


Signalisation NOTEBOOK **B**



Signalisation

COMERCIAL
tecasa

ITW Metalflex

DESCRIPTION, APPLICATION AND TECHNICAL DATA FOR SIGNAL LAMPS, SIGNAL SETS AND THERMOMETERS FROM SERIES B

B1 SIGNAL LAMPS SL

Intended for household appliances.

Low voltage lamps for direct current also available as well as LEDs for alternating or direct current.

Advantages: low current, high reliability, resistance to vibrations and mechanical shocks, small dimensions. Snap-in fixing.

The patented connector step 2.5 system contains innovative solution of external electrical connections.

B2 SIGNAL SETS SS

Application as the residual heat indicator on glass ceramic cooking plates. Versions with one or four lamps available.

Snap-in fixing. Connection by wires or tab terminals.

B3 BIMETAL THERMOMETERS BT FOR POSITIVE TEMPERATURE

Intended for household appliances such as water heaters, refrigerators, deep freezers, ovens etc.

B4 BIMETAL THERMOMETERS BT FOR LOW TEMPERATURE

Intended for household appliances such as refrigerators and deep freezers.


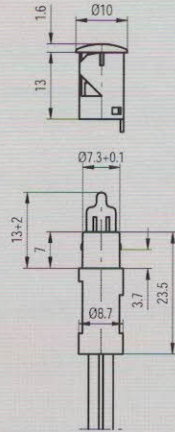

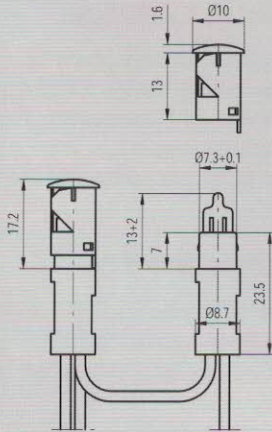
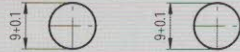
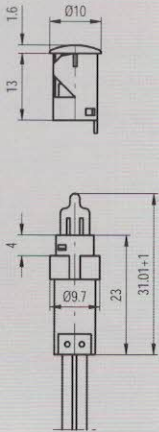

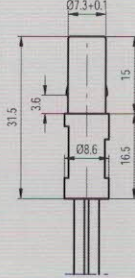
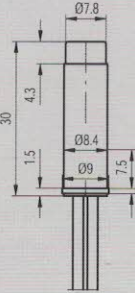
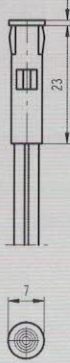

B5 THERMAL CUT-OUT

Intended for household appliances such as water heaters, refrigerators, deep freezers etc.

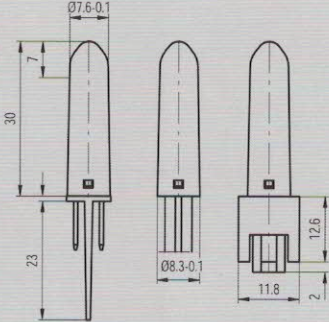
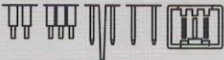
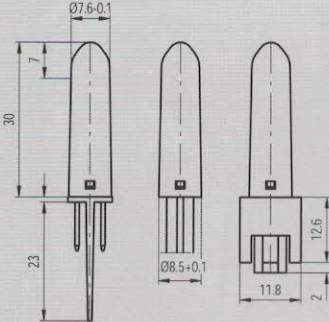

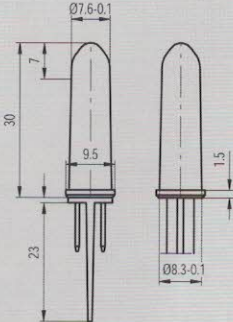
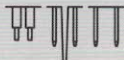
B6 ACOUSTIC SIGNAL SET BZ 335

Intended to be applied as the open-door acoustic alarm, indication of too high temperature in the refrigerator etc.

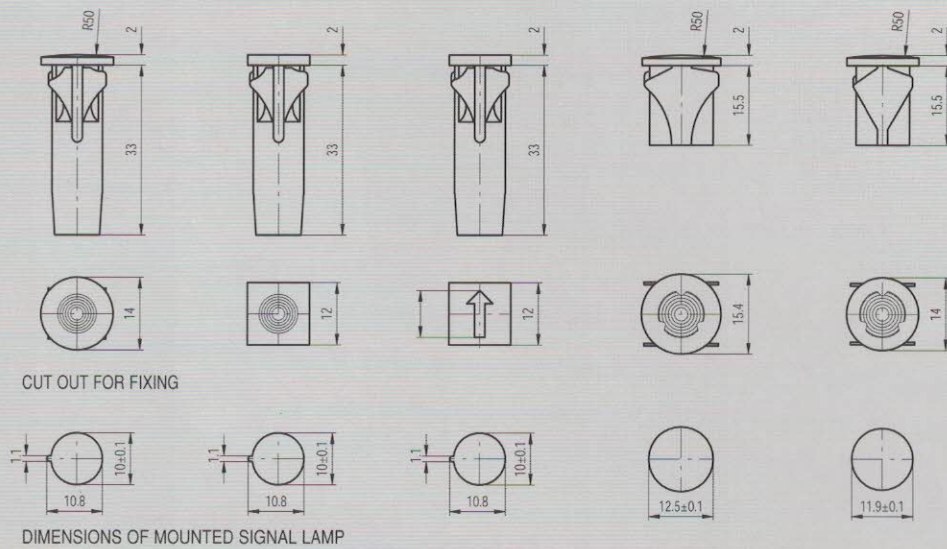
SIGNAL LAMPS
SL-641

<div>SL-641A</div> 	<div>SL-641B1</div>  <div>CUT OUT FOR FIXING</div> 	<div>SL-641B2</div>  <div>CUT OUT FOR FIXING</div> 	<div>SL-641B3</div>  <div>CUT OUT FOR FIXING</div> 
<div>SL-641B6</div> 	<div>SL-641BF</div> 	<div>SL-641E</div>  <div>CUT OUT FOR FIXING</div> 	

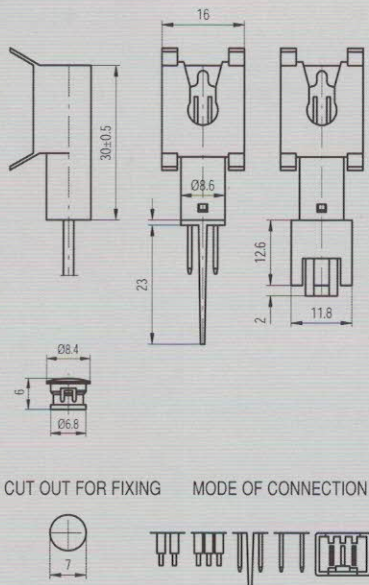
SIGNAL LAMPS
SL-656

<div>SL-656 (Ø 8,3)</div>  <div>MODE OF CONNECTION</div> 	<div>SL-656 (Ø 8,5)</div>  <div>MODE OF CONNECTION</div> 	<div>SL-656 (Ø 9,5)</div>  <div>MODE OF CONNECTION</div> 
---	---	---

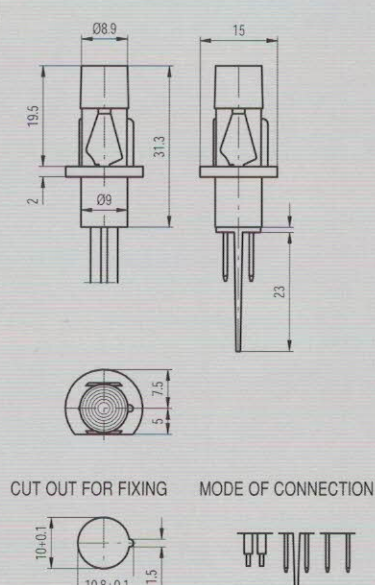
LENS FORMS FOR SL-656



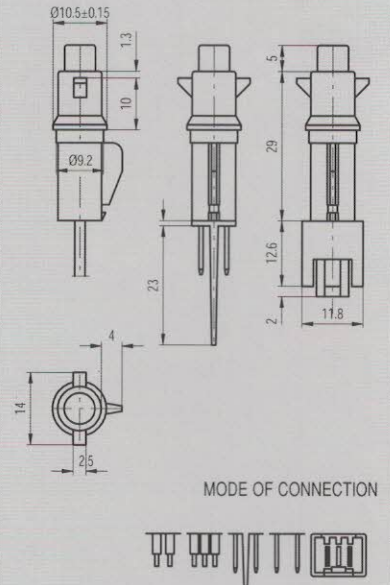
SL-656C



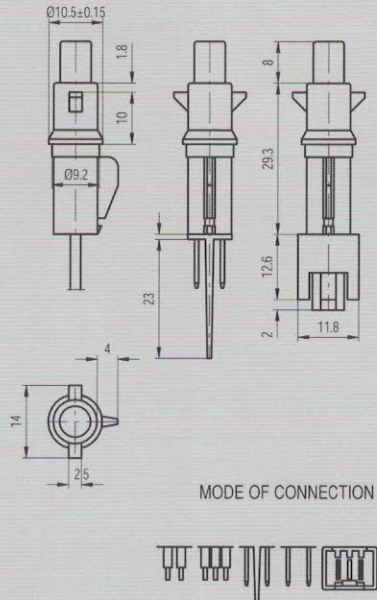
SL-656M



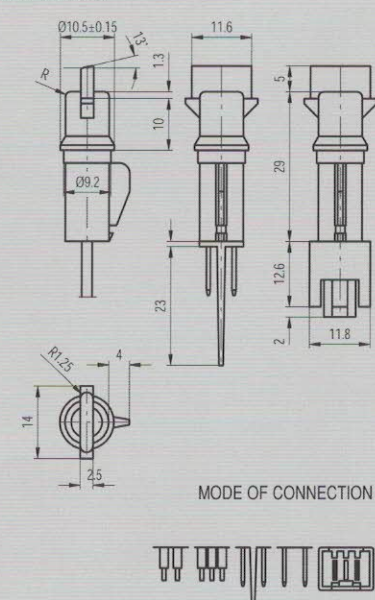
SL-656M1



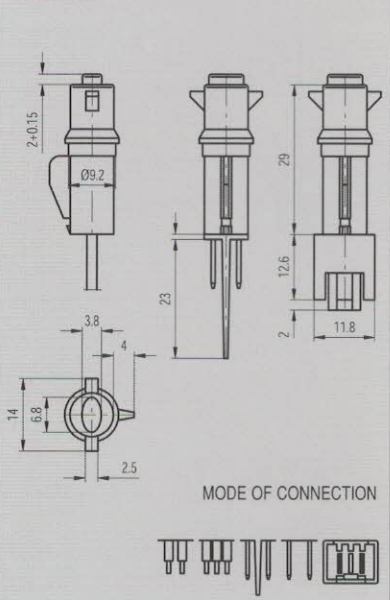
SL-656M2



SL-656M3

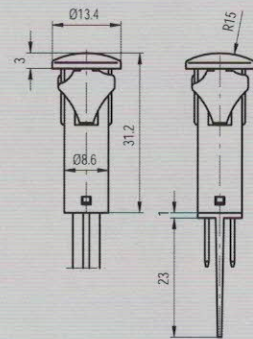


SL-656M4



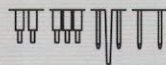
<p>SL-656M5</p> <p>MODE OF CONNECTION</p>	<p>SL-656M6</p> <p>MODE OF CONNECTION</p>	<p>SL-656N</p> <p>CUT OUT FOR FIXING</p>
<p>SL-656R</p> <p>CUT OUT FOR FIXING</p>	<p>SL-656R1</p> <p>CUT OUT FOR FIXING</p>	<p>SL-656R3</p> <p>CUT OUT FOR FIXING</p>
<p>SL-656T</p> <p>CUT OUT FOR FIXING</p>	<p>SL-656T1</p> <p>CUT OUT FOR FIXING</p>	<p>SL-656T2</p> <p>CUT OUT FOR FIXING</p>

SL-656T3

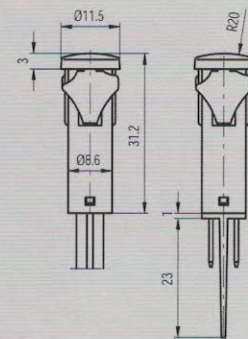


CUT OUT FOR FIXING

MODE OF CONNECTION



SL-656T4

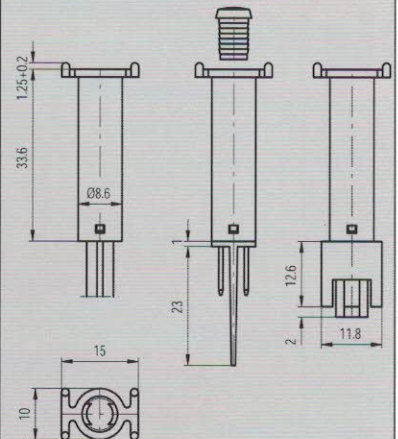


CUT OUT FOR FIXING

MODE OF CONNECTION



SL-656P

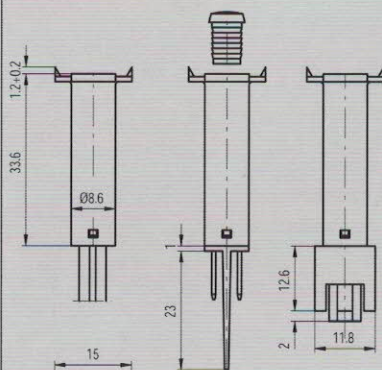


CUT OUT FOR FIXING

MODE OF CONNECTION



SL-656P1

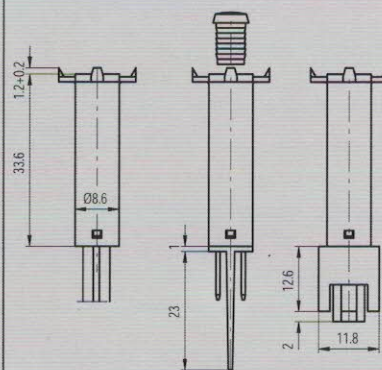


CUT OUT FOR FIXING

MODE OF CONNECTION



SL-656P2

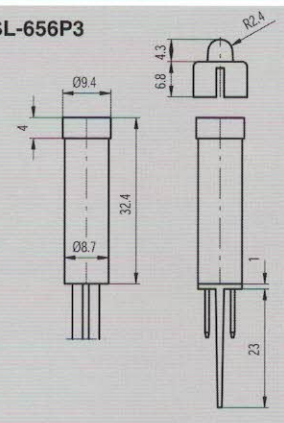


CUT OUT FOR FIXING

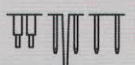
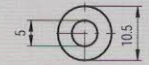
MODE OF CONNECTION



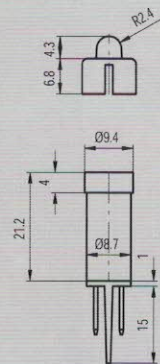
SL-656P3



MODE OF CONNECTION



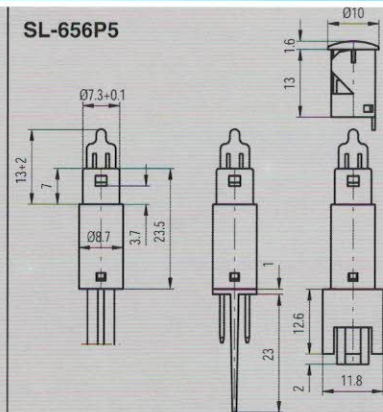
SL-656P4



MODE OF CONNECTION

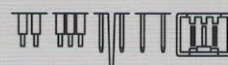


SL-656P5



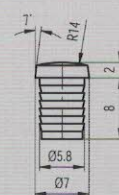
CUT OUT FOR FIXING

MODE OF CONNECTION

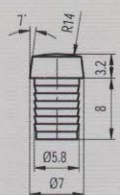


LENS FORMS FOR SL-656P, P1, P2

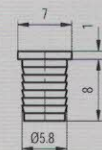
652-14



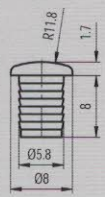
652-15



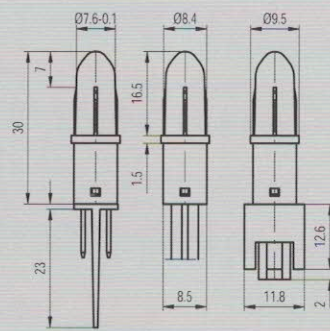
652-17



652-19



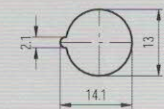
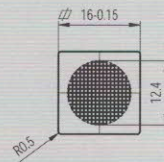
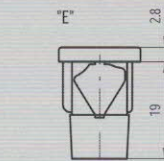
SL-656 ($\varnothing 9.5W$)



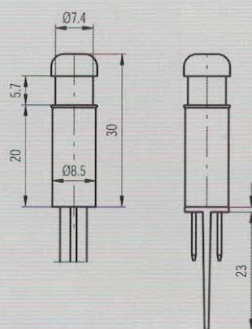
MODE OF CONNECTION



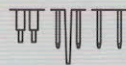
LENS FORMS FOR SL-656 ($\varnothing 9.5W$)



SL-656 ($\varnothing 9S$)

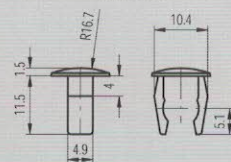


MODE OF CONNECTION

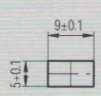
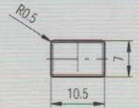
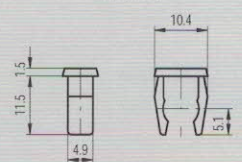


LENS FORMS FOR SL-656 ($\varnothing 9S$)

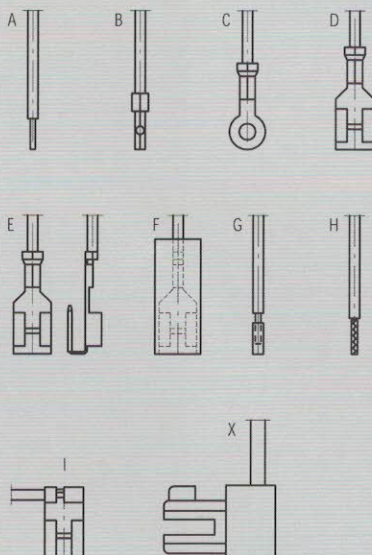
656-50



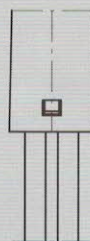
656-51



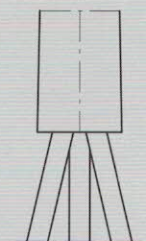
TERMINAL FOR SIGNAL LAMPS WITH CONNECTION WIRES

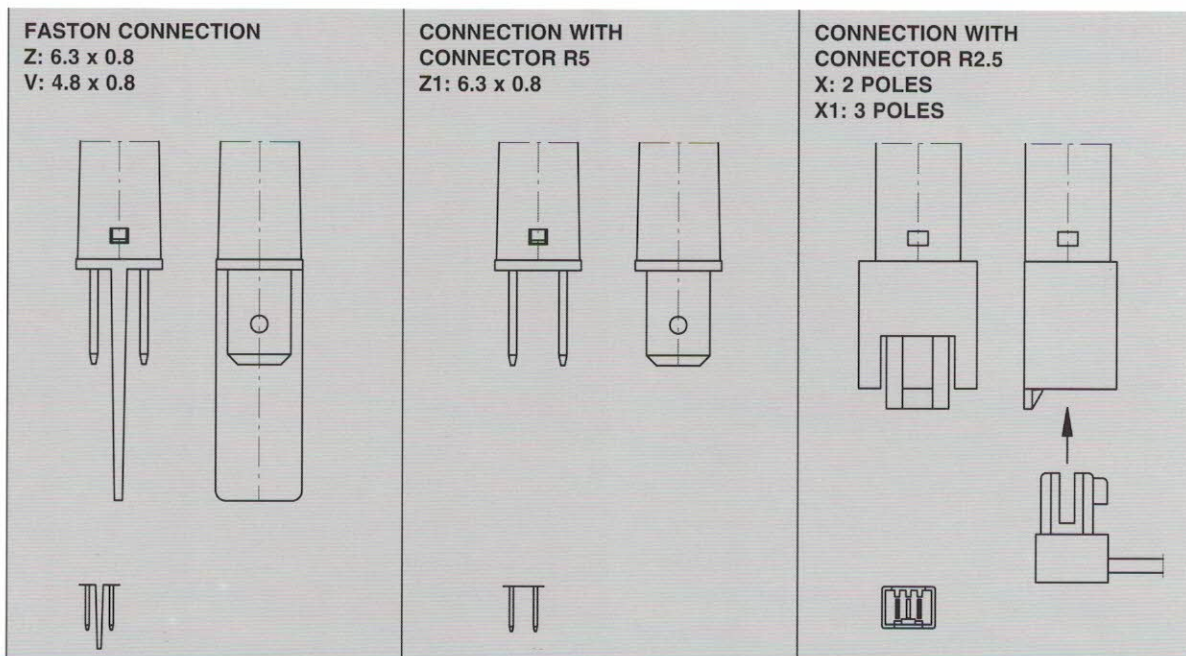


LEAD CONNECTION



LEAD CONNECTION FOR BI-COLOUR LAMPS





TECHNICAL DATA

120V ~, 250V ~, 400V ~ T 90, T 120, T 150 LIFE ENDURANCE 15.000 HOURS	2V, 6V, 12V, 24V, 120V, 250V T 90			
SL-641 AND SL-656	SL-641 AND SL-656 WITH LED			

CIRCUIT DIAGRAMS

A	B	C	D	LED AC
SL-641 AND SL-656	SL-656	SL-641 AND SL-656	SL-641 AND SL-656	SL-641 AND SL-656
LED DC	LED AC2	LED DC2		
SL-641 AND SL-656	SL-656	SL-656		

COLOUR OF GLOW LAMP

ORANGE (NEON)	GREEN	BLUE							

COLOUR OF LED

RED	YELLOW	GREEN	RED - GREEN	YELLOW - GREEN

COLOUR OF LENS

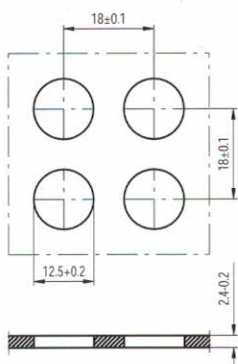
TRANSPARENT	RED	YELLOW	GREEN	BLUE	OTHER				

APPROVALS: VDE

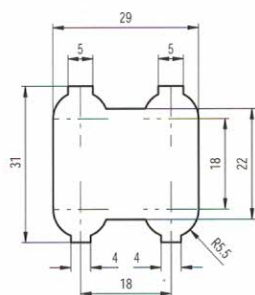
ORDER DATA:

- Technical data
- Circuit diagram
- Colour of glow lamp or LED
- Terminals
- Length and material of connecting wires
- Colour of lens
- Annual consume

CUT OUT FOR FIXING
SS-660A



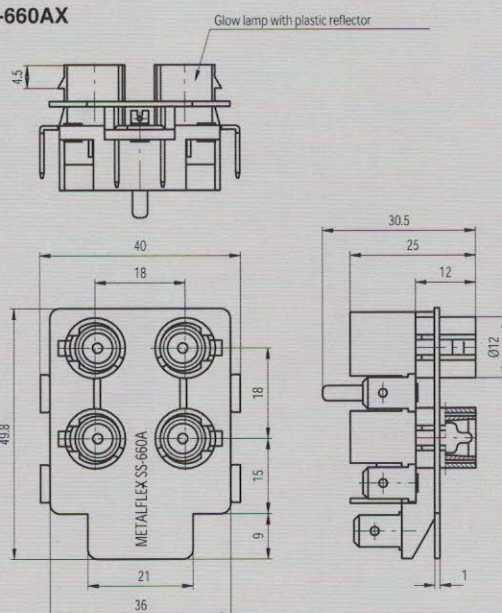
CUT OUT FOR FIXING
SS-660B2



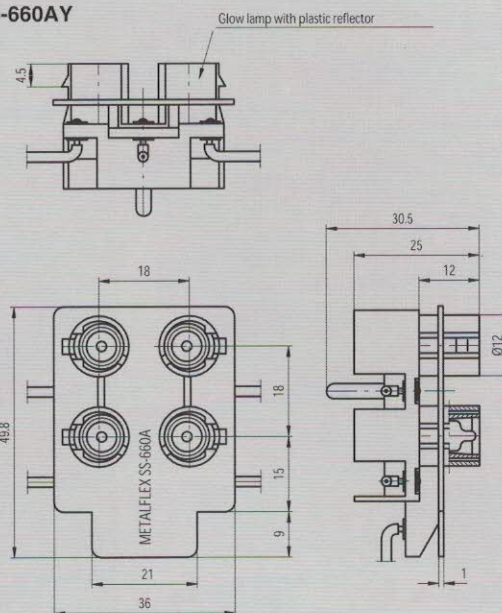
CUT OUT FOR FIXING
SS-660B4



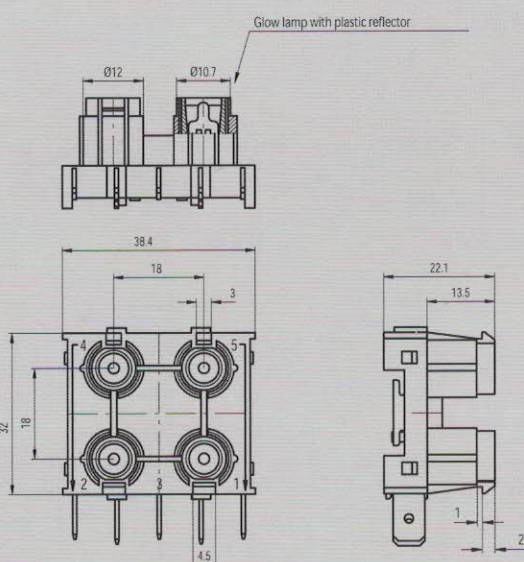
SS-660AX



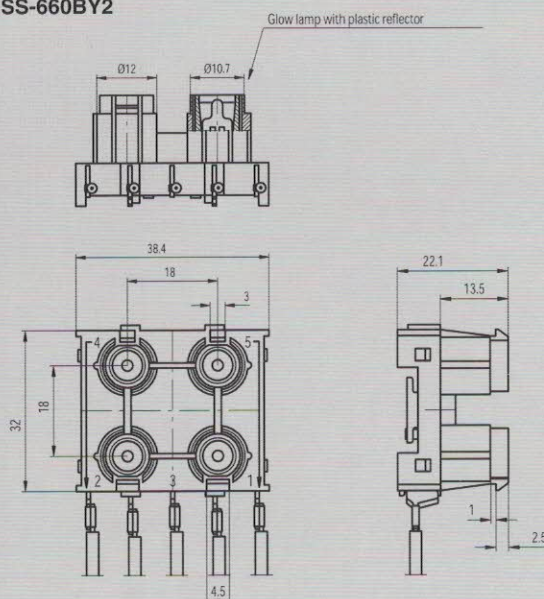
SS-660AY



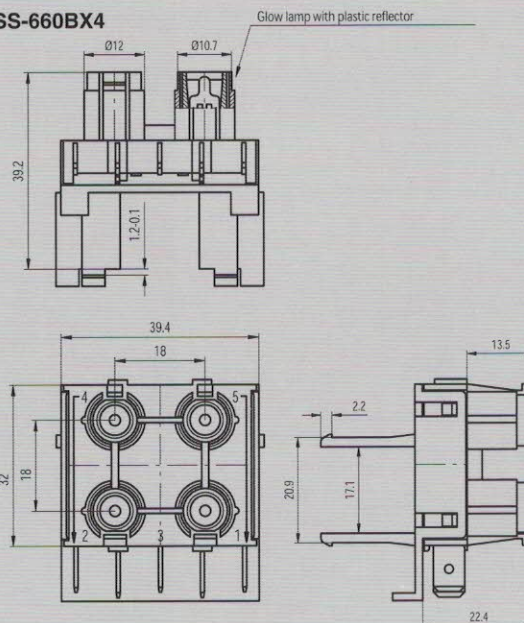
SS-660BX2



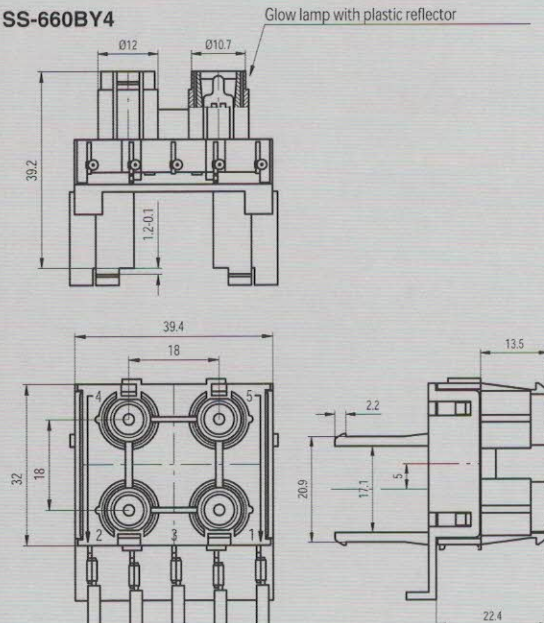
SS-660BY2



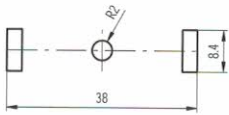
SS-660BX4



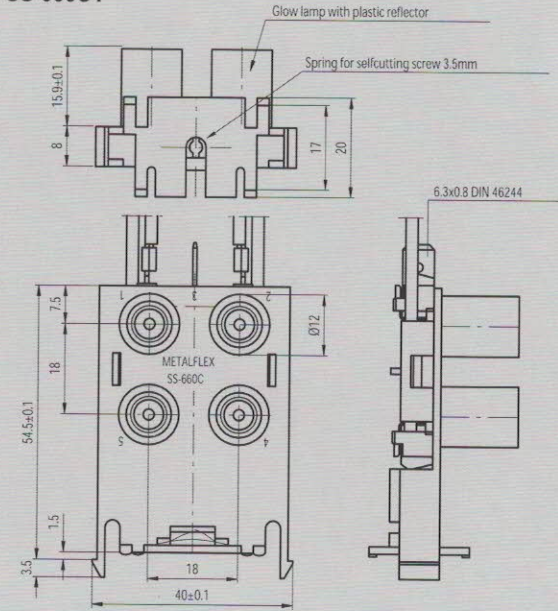
SS-660BY4



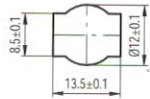
CUT OUT FOR FIXING
SS-660C



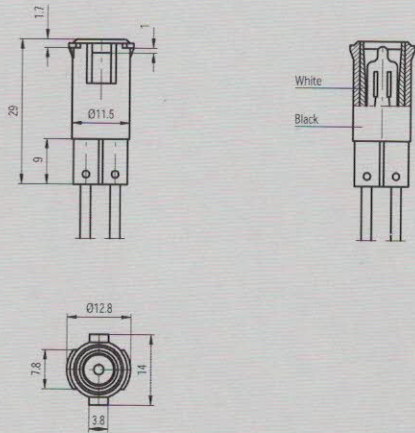
SS-660CY



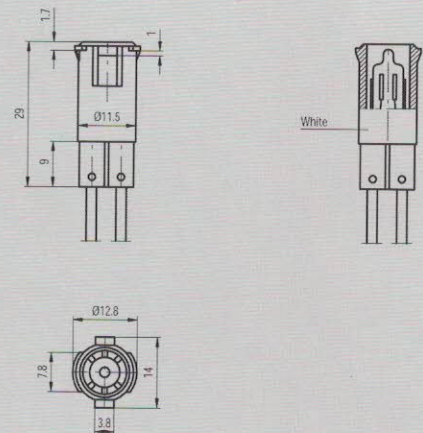
CUT OUT FOR FIXING
SS-660EM, ES



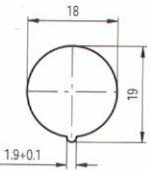
SS-660EMY



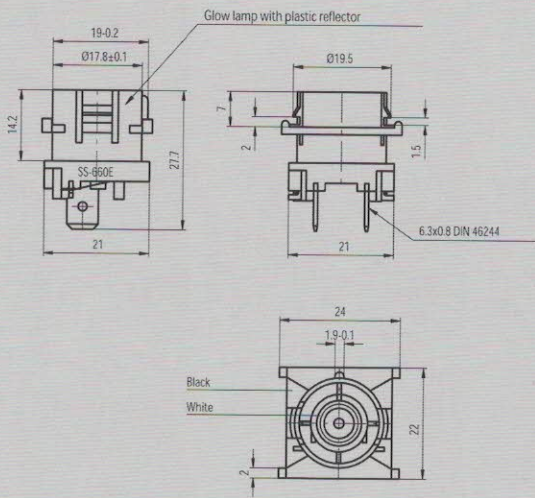
SS-660ESY



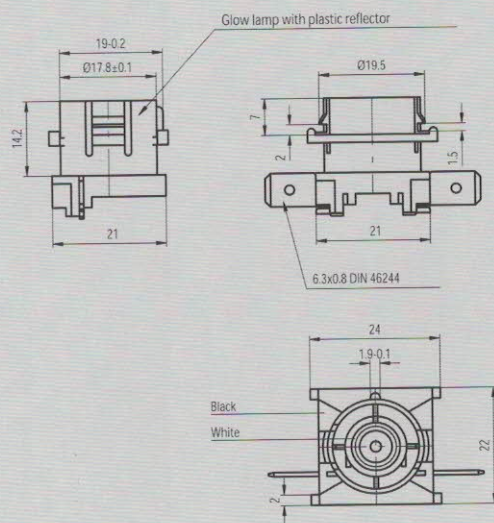
CUT OUT FOR FIXING
SS-660E



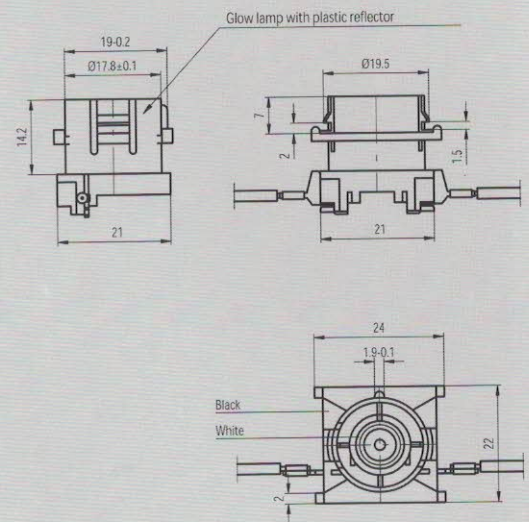
SS-660EX



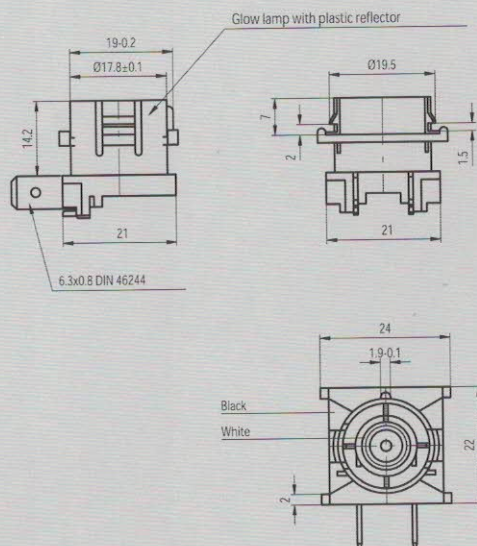
SS-660EX1



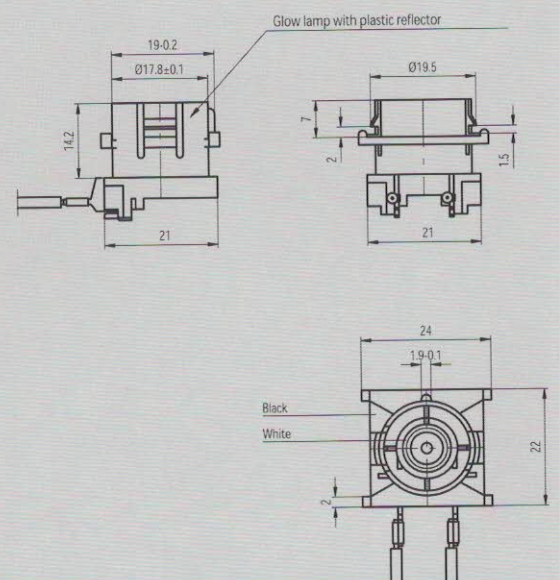
SS-660EY1










SS-660EX2



SS-660EY2



TERMINALS FOR SETS WITH CONNECTING WIRES

							
A	B	D	E	G	H	I	

TECHNICAL DATA

250V ~, 400V ~ T 200 LIFE ENDURANCE 15.000 HOURS	250V ~, 400V ~ T 180 LIFE ENDURANCE 15.000 HOURS		
SS-660.X	SS-660.Y		

CIRCUIT DIAGRAM

			
SS-660A, B, C	SS-660E, ES		

APPROVALS: VDE

ORDER DATA:

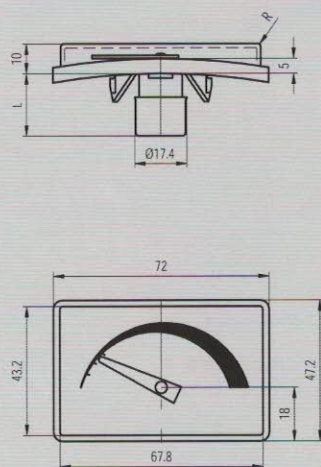
- Technical data
- Circuit diagram
- Terminals
- Length and material of connecting wires
- Annual consume

BIMETAL THERMOMETERS FOR POSITIVE TEMPERATURE BT-218, BT-219, BT-224

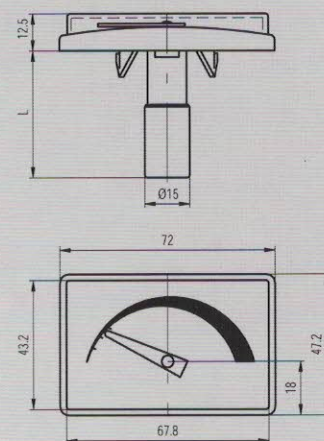
CUT OUT FOR FIXING



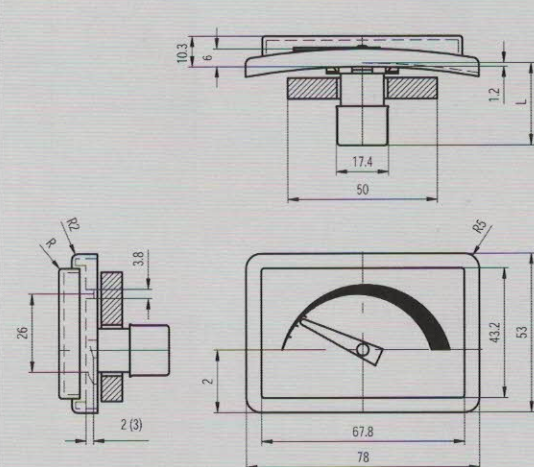
BT-218



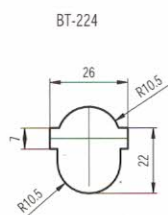
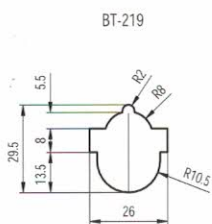
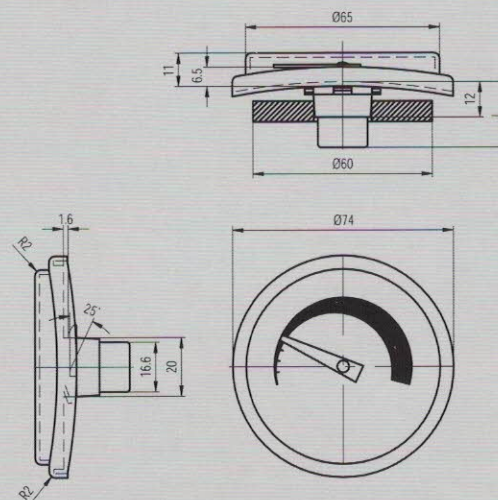
BT-218R



BT-219



BT-224

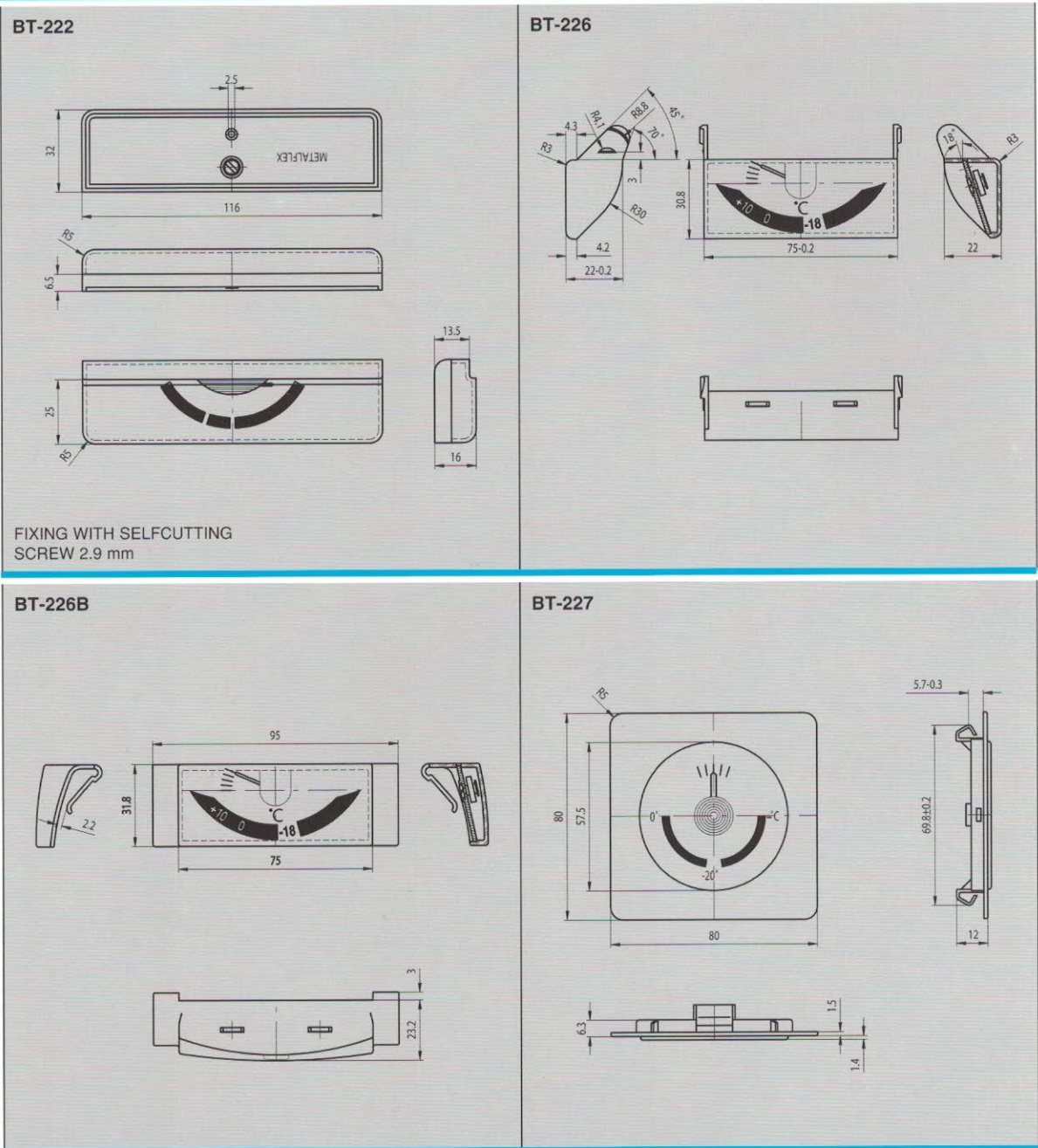


TECHNICAL DATA MEASURING RANGE MAX. DEFLECTION	120°C 270° $\frac{1}{2}$	120°C 270° $\frac{1}{2}$	120°C 270° $\frac{1}{2}$	
	BT-218	BT-219	BT-224	
THICKNESS OF THE MOUNTING PLATE	MAX. 1.2	MAX. 1	MAX. 1	
	BT-218	BT-219	BT-224	
COLOUR OF HOUSING AND POINTER	ON REQUEST			
	BT-218 TO BT-224			

DESIGN AND COLOURS OF THE INDICATING PANEL ARE MADE
DUE TO CUSTOMER'S DESIGN

ORDER DATA:

- Type
- Indicating panel design
- Temperature setting
- Length of the sensing element
- Colour of housing
- Colour of pointer
- Annual consume

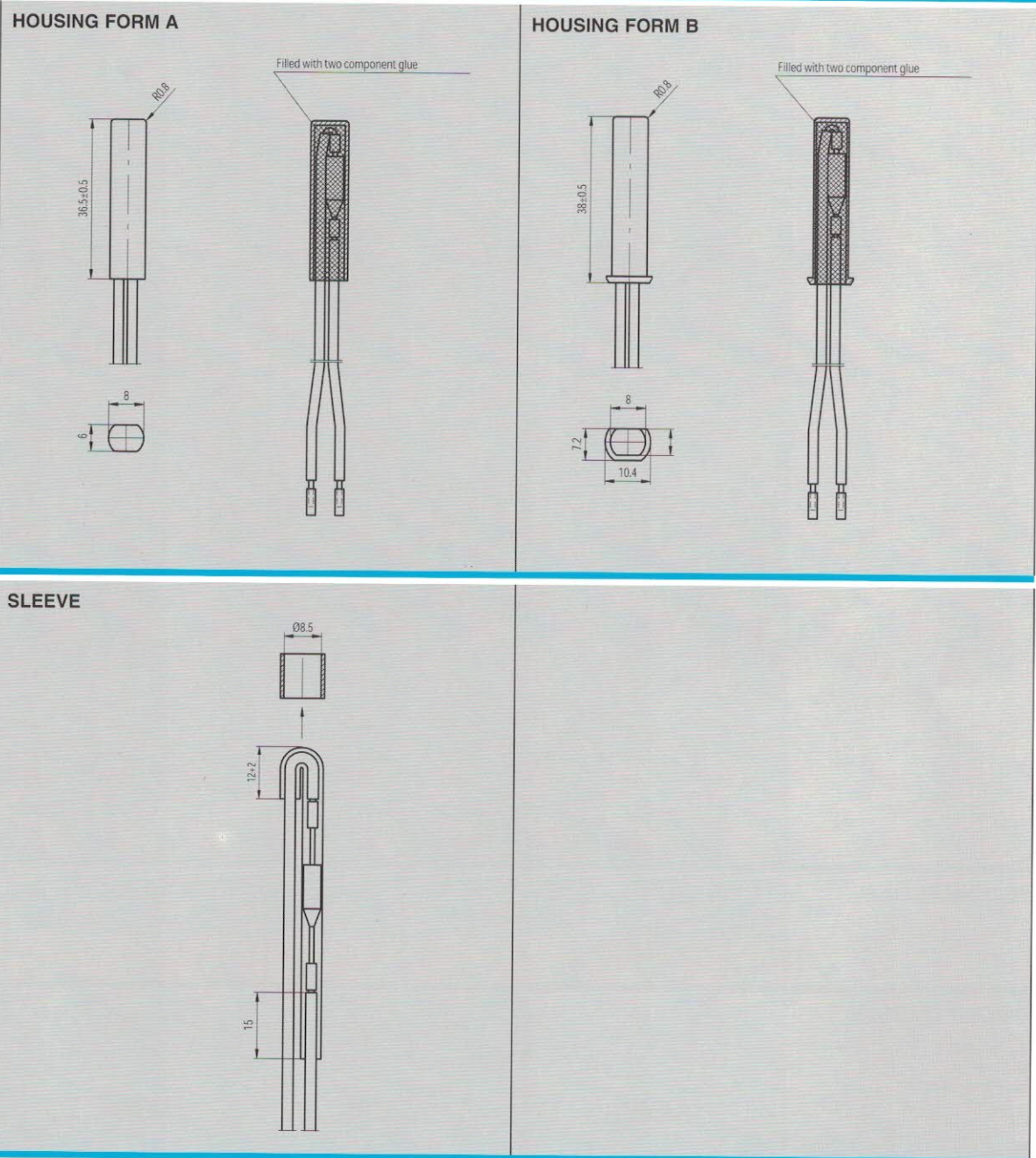


TECHNICAL DATA MEASURING RANGE MAX. DEFLECTION	-30° TO 70°C 240°÷	-30° TO 70°C 270°÷		
	BT-222 and BT-226	BT-227		
COLOUR OF HOUSING AND POINTER	ON REQUEST			
	BT-222 TO BT-227			

DESIGN AND COLOURS OF THE INDICATING PANEL ARE MADE
DUE TO CUSTOMER'S DESIGN

ORDER DATA:

- Type
- Indicating panel design
- Temperature setting
- Colour of housing
- Colour of pointer
- Annual consume

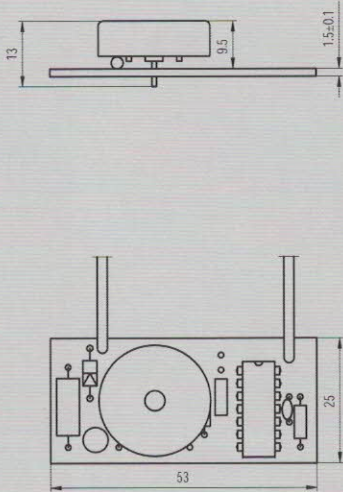
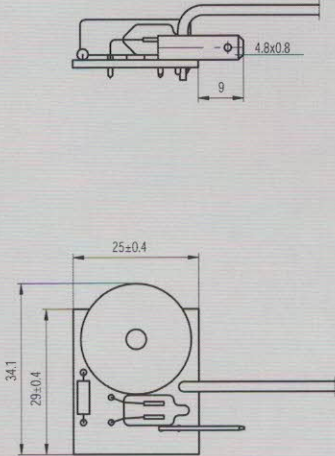









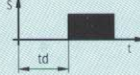






TECHNICAL DATA	10/250, 16/250 ~									
TEMPERATURE	Tf=72-4°C	Tf=77-4°C	Tf=84-4°C	Tf=93-4°C	Tf=98-4°C	Tf=104-4°C	Tf=110-4°C	Tf=117-4°C	Tf=121-4°C	Tf=128-4°C
	TV-433C	TV-433D	TV-433E	TV-433G	TV-433H	TV-433J	TV-433K	TV-433L	TV-433M	TV-433N

APPROVALS: VDE

ORDER DATA:

- Technical data
- Temperature
- Sleeve or form of housing
- Wires: lenght, cross-section and material
- Terminals
- Annual consume

FORM Y	FORM Y1
	

TECHNICAL DATA	120V ~, 250V- P<2W							
CIRCUIT DIAGRAM	 S... sound t... time td... time delay 	 	 	 				
	A	B	C	D				
TERMINALS FOR SETS								
	A	D	E	G	H	I		

ORDER DATA:

- Technical data
- Circuit diagram
- Dimension and colour of wires
- Form of terminals
- Annual consume