

Indicator Lights Switches Size

03



A5

144



A7

144



B5

146



B6

146



B7

148



SP60
indicator light

148



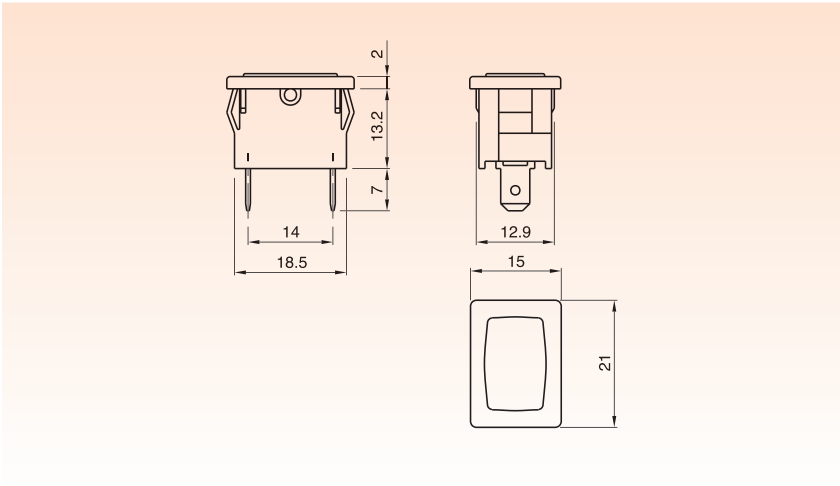
A5

FUNCTION	Indicator light A1 series
AMBIENT TEMPERATURE	125 °C
GWT	850 °C
GWT NO FLAME (<2sec)	650 °C



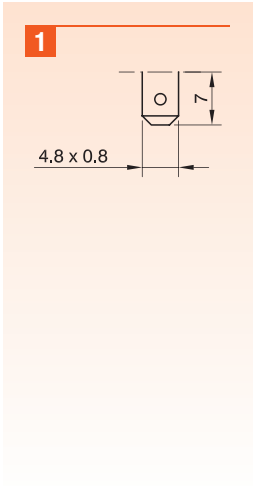
A 5

DRAWING



?

TERMINAL



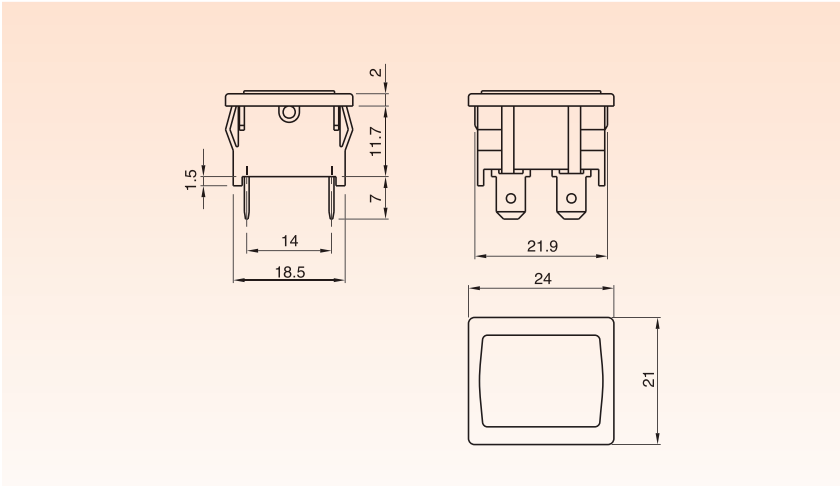
A7

FUNCTION	Indicator light A4 series
AMBIENT TEMPERATURE	125 °C
GWT	850 °C
GWT NO FLAME (<2sec)	650 °C



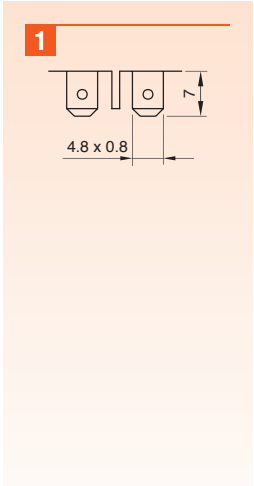
A 7

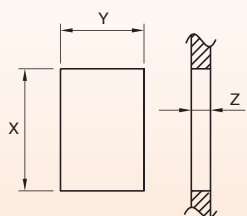
DRAWING



?

TERMINAL





Z	Y	X
0,7 ... 1,25	13,0 ±0,1	19,0 ±0,2
1,25 ... 2,0	13,0 ±0,1	19,3 ±0,2
2,0 ... 3,0	13,0 ±0,1	19,6 ±0,2

A	5	TERMINAL	FUNCTION	RATING	BODY COLOR	LENS COLOR	0	0	0	0	0
---	---	----------	----------	--------	------------	------------	---	---	---	---	---

?	?	?	?	0	0	0	0	0
---	---	---	---	---	---	---	---	---

FUNCTION

RATING

BODY COLOR

LENS COLOR

1

1a 1b

2

200 - 250 VAC
T125 °C
VDE 710

200 - 250 VAC
 T65 °C
 UL 496
 CSA C22.2

1

black

X **?**

custom

ILLUMINATED ✱

G

red

H

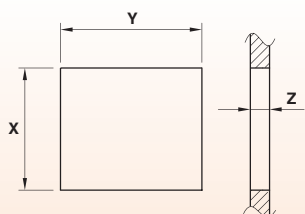
orange

E

green

X **?**

custom



Z	Y	X
0,7 ... 1,25	22,0 ±0,1	19,0 ±0,2
1,25 ... 2,0	22,0 ±0,1	19,3 ±0,2
2,0 ... 3,0	22,0 ±0,1	19,6 ±0,2

A	7	TERMINAL	FUNCTION	RATING	BODY COLOR	LENS COLOR	0	0	0	0	0
---	---	----------	----------	--------	------------	------------	---	---	---	---	---

?	?	?	?	0	0	0	0	0
---	---	---	---	---	---	---	---	---

FUNCTION

RATING

BODY COLOR

LENS COLOR

1

1a 2b

2

200 - 250 VAC
T125 °C
VDE 710

200 - 250 VAC
 T65 °C
 UL 496
 CSA C22.2

1

black

X **?**

custom

ILLUMINATED ✱

G

red

H

orange

E

green

X **?**

custom



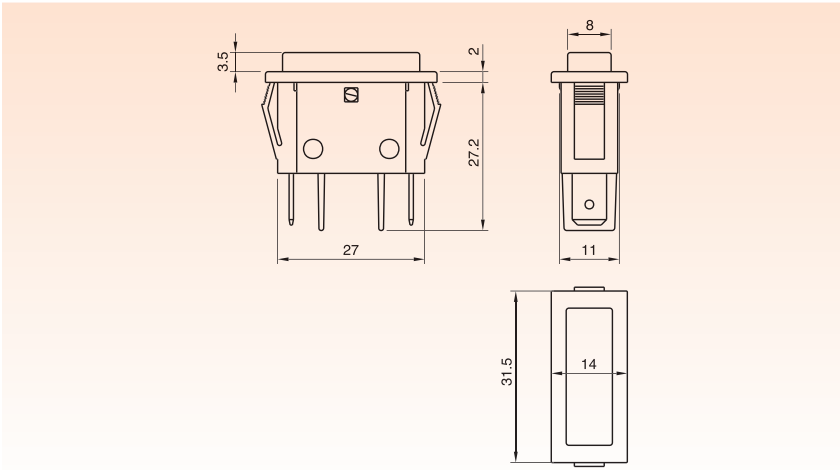
B5

FUNCTION	Indicator light SX81 series
AMBIENT TEMPERATURE	120 °C
GWT	850 °C
GWT NO FLAME (<2sec)	650 °C



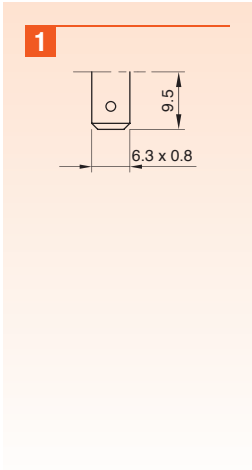
B 5

DRAWING



?

TERMINAL



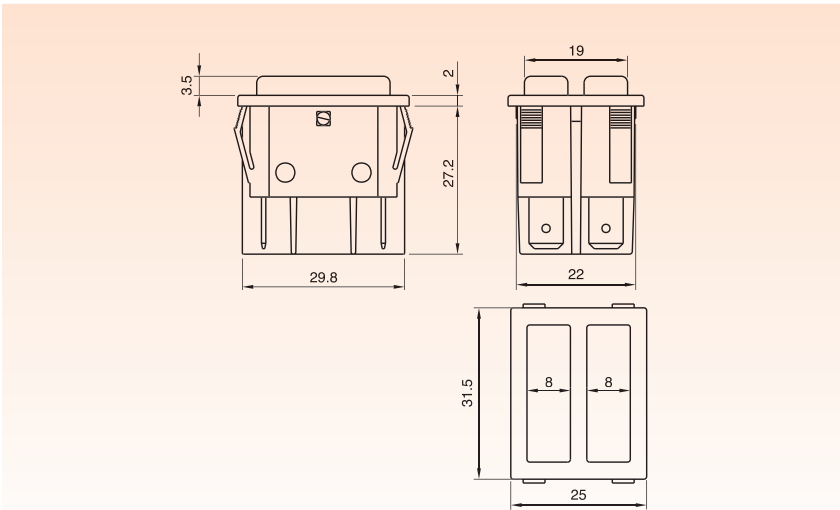
B6

FUNCTION	Indicator light SX83 series
AMBIENT TEMPERATURE	120 °C
GWT	850 °C
GWT NO FLAME (<2sec)	650 °C



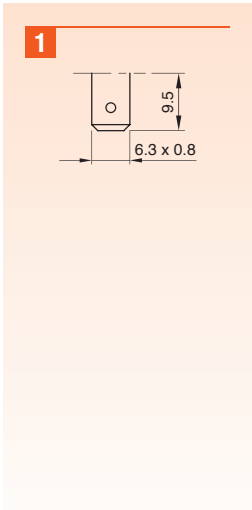
B 6

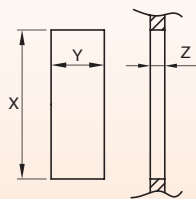
DRAWING



?

TERMINAL





Z	Y	X
0,75 ... 1,25	11,0 ±0,2 0	30,0 0 -0,1
1,25 ... 2,0	11,0 ±0,2 0	30,2 0 -0,1
2,0 ... 3,0	11,0 ±0,2 0	30,6 0 -0,2
3,0 ... 4,0	11,0 ±0,2 0	30,8 0 -0,2

TERMINAL	FUNCTION	RATING	BODY COLOR	LENS COLOR							
B	5					0	0	0	0	0	0

?	?	?	?	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---	---

FUNCTION

RATING

BODY COLOR

LENS COLOR

1

2

200 - 250 VAC
T120 °C
VDE 710

200 - 250 VAC
T65 °C
UL 496
CSA C22.2

1 black

X ? custom

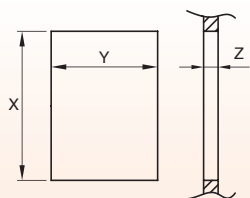
ILLUMINATED ✱

G red

H orange

E green

X ? custom



Z	Y	X
0,75 ... 1,25	22,0 ±0,2 0	30,0 0 -0,1
1,25 ... 2,0	22,0 ±0,2 0	30,2 0 -0,1
2,0 ... 3,0	22,0 ±0,2 0	30,6 0 -0,2
3,0 ... 4,0	22,0 ±0,2 0	30,8 0 -0,2

TERMINAL	FUNCTION	RATING	BODY COLOR	LENS COLOR L	LENS COLOR R					
A	2					0	0	0	0	0

?	?	?	L ?	R ?	0	0	0	0	0
---	---	---	-----	-----	---	---	---	---	---

FUNCTION

RATING

BODY COLOR

LENS COLOR

1

5

2

200 - 250 VAC
T120 °C
VDE 710

200 - 250 VAC
T65 °C
UL 496
CSA C22.2

1 black

X ? custom

ILLUMINATED ✱

G red

H orange

E green

X ? custom



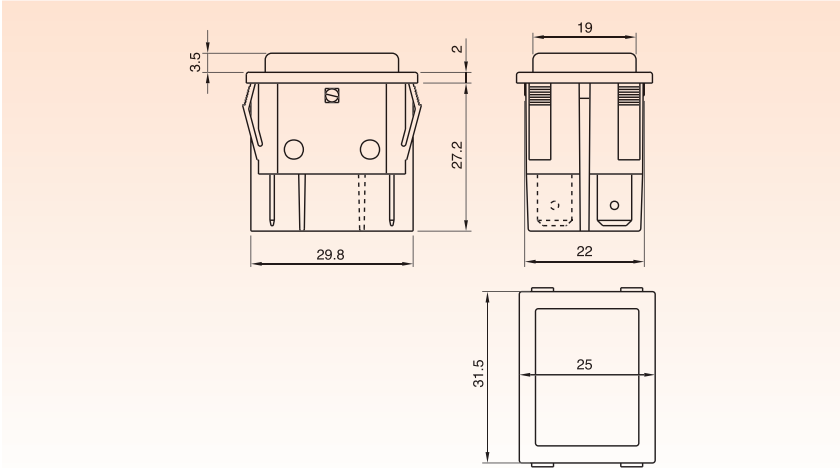
B7

FUNCTION	Indicator light SX82 series
AMBIENT TEMPERATURE	120 °C
GWT	850 °C
GWT NO FLAME (<2sec)	650 °C



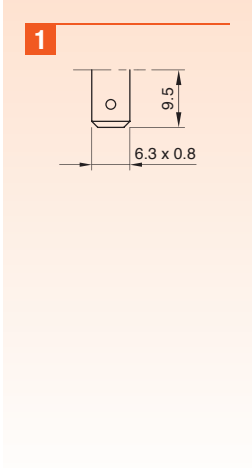
B7

DRAWING



?

TERMINAL



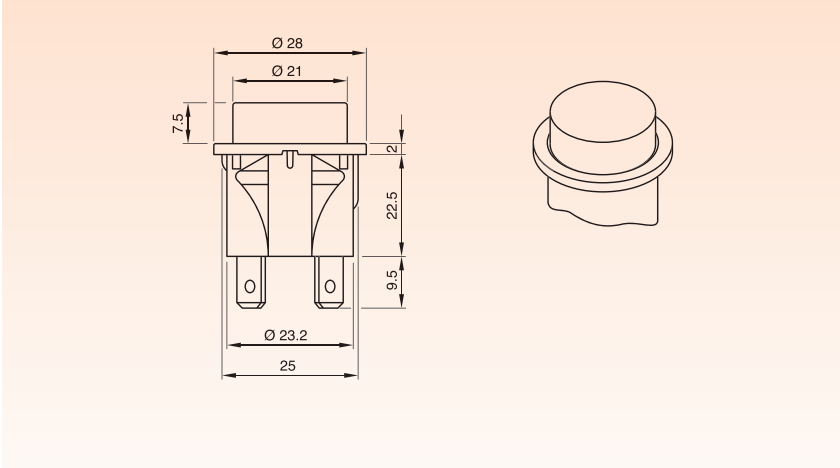
SP60
INDICATOR
LIGHT

FUNCTION	Indicator light SP60 series
AMBIENT TEMPERATURE	120 °C
GWT	850 °C
GWT NO FLAME (<2sec)	650 °C



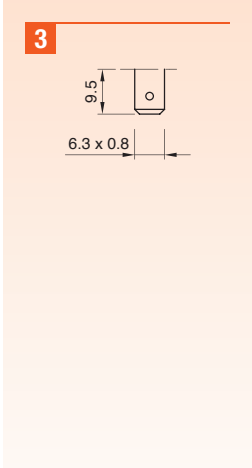
S P 6 0

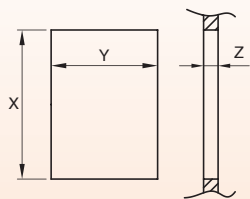
DRAWING



?

TERMINAL





Z	Y	X
0,75 ... 1,25	22,0 $\pm 0,2$ ₀	30,0 $\pm 0,1$ ₀
1,25 ... 2,0	22,0 $\pm 0,2$ ₀	30,2 $\pm 0,1$ ₀
2,0 ... 3,0	22,0 $\pm 0,2$ ₀	30,6 $\pm 0,2$ ₀
3,0 ... 4,0	22,0 $\pm 0,2$ ₀	30,8 $\pm 0,2$ ₀

B	7						0	0	0	0	0	0
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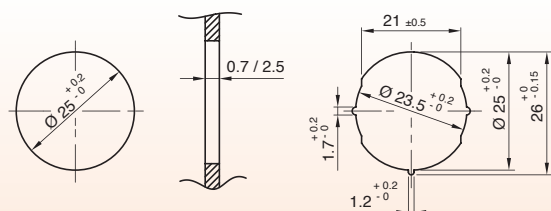
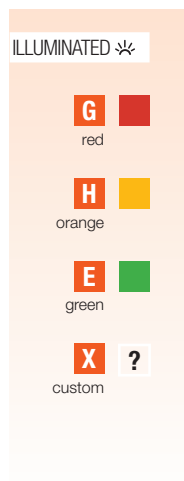
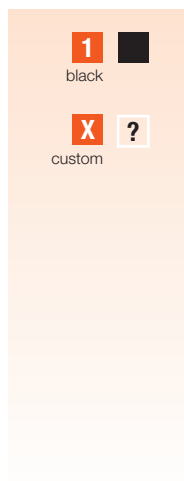
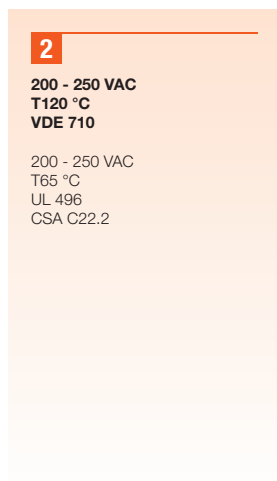
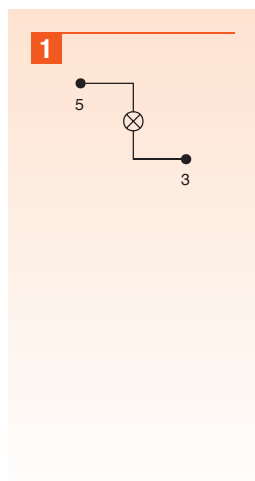
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FUNCTION

RATING

BODY COLOR

LENS COLOR



S	P	6	0						0	0	0	0
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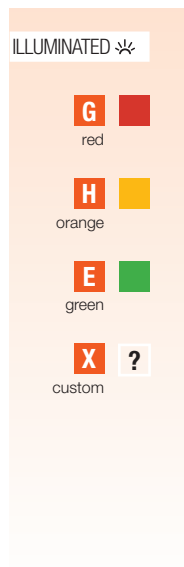
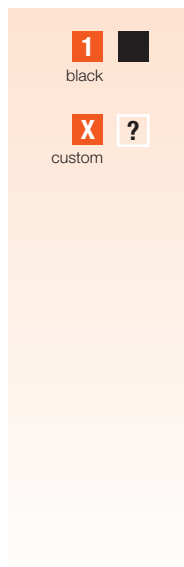
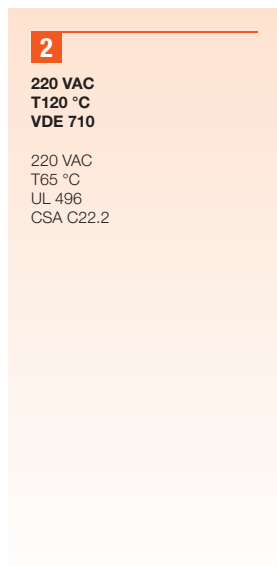
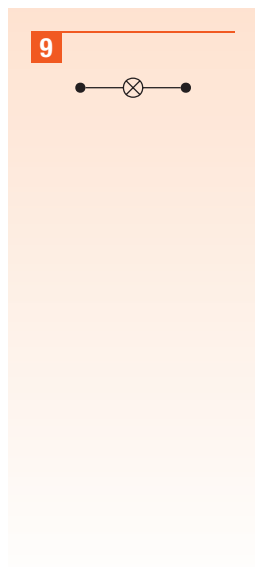
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FUNCTION

RATING

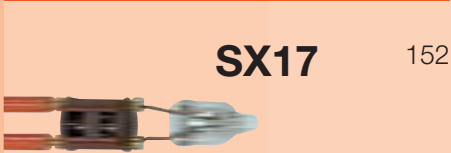
BODY COLOR

LENS COLOR



Indicator Lights

03



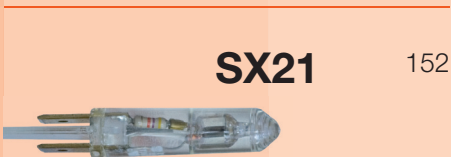
SX17

152



SX31

158



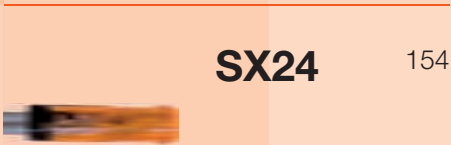
SX21

152



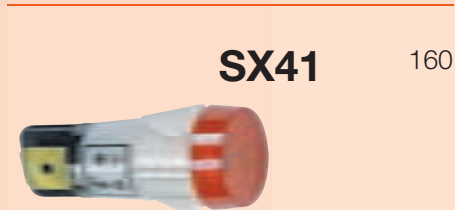
SX33

158



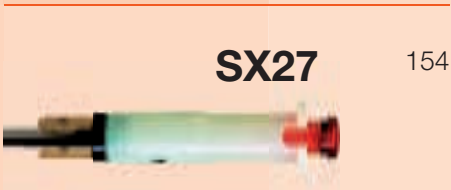
SX24

154



SX41

160



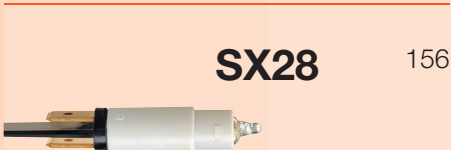
SX27

154



SX43

160



SX28

156



Accessories

160

INDICATOR LIGHTS

FUNCTIONS

- Neon or fluorescent lamp, with or without anti-luminescence resistor
- Incandescent lamp
- LED in AC or DC version

VOLTAGE From 2V to 400V

TEMPERATURE From 75 °C to 150 °C

GWT 850 °C

GWT NO FLAME (<2sec) 650 °C



S

X

?

?

SERIES

17

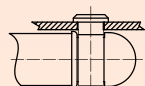


Custom

21



Custom

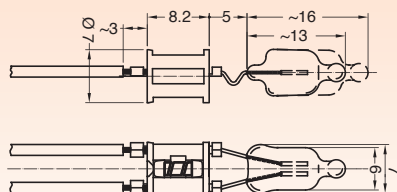

5.4 x 9 mm
th 1.5 mm


2.5 x 11.6 mm

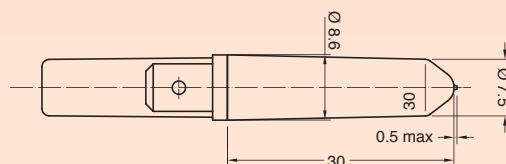
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DRAWING

1

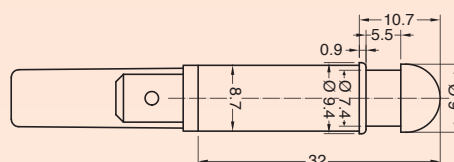


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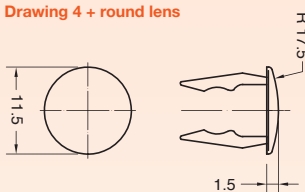


Accessory lenses available separately (pages 160-161)

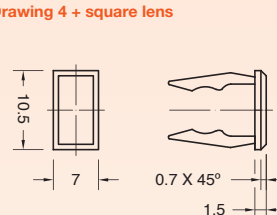
4



P Drawing 4 + round lens



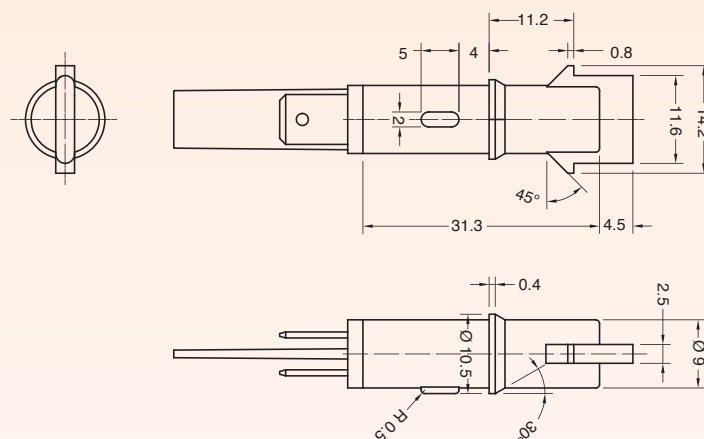
Q Drawing 4 + square lens



Lens available also separately SX21T542...

Lens available also separately SX21T544...

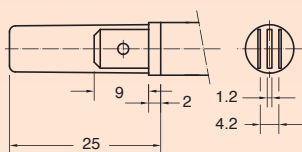
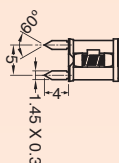
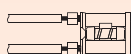
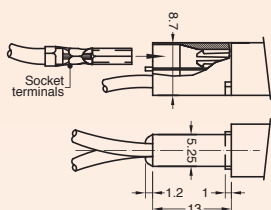
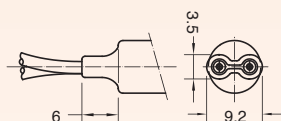
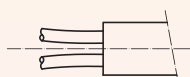
8



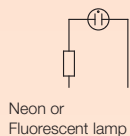
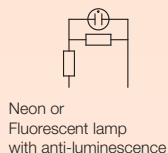
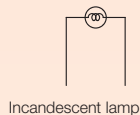
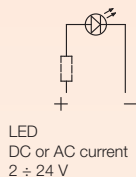
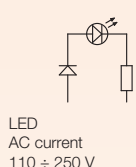
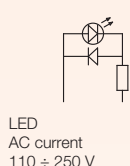
S	X	SERIES	DRAWING	TERMINAL	FUNCTION	VOLTAGE	TEMP.	COLOUR	WIRES	0	0
---	---	--------	---------	----------	----------	---------	-------	--------	-------	---	---

?	?	?	?	?	?	?	?	?	?	0	0
---	---	---	---	---	---	---	---	---	---	---	---

TERMINAL

1 Series 21
 Tabs 6.3 x 0.8

7 Series 17
 PCB terminal

A Series 17
 Wires

C Series 21
 Signal Click

K Series 21
 Wires crimped

R Series 21
 Wires sealed


FUNCTION

1 Series 17 - 21

2 Series 21

3 Series 21

5 Series 21

6 Series 21
 Terminal 1

7 Series 21
 Terminal C - K - R


VOLTAGE

1 Function 5

2 V

2 Function
 3 - 5

12 V

3 Function
 3 - 5

24 V

4 Function
 1 - 2 - 6 - 7

110 V

5 Function
 1 - 2 - 6 - 7

125 V

6 Function
 1 - 2 - 6 - 7

230 V

7 Function
 1 - 2 - 6 - 7

250 V

8 Function
 1 - 2

400 V

VDE or UL certified

?

Available
on demand

X

Custom

TEMPERATURE

A

T 75 °C

1 Function 1-2-3

T 90 °C

2 Function 1 - 2

T 120 °C

3 Function 1 - 2

T 150 °C

COLOUR

SERIES 17

NO LENS ✖

0

red light

1

green light

SERIES 21

ILLUMINATED ✖

Drawing 3 - 4

L

white

Drawing P - Q - 8

G

red

H

orange

E

green

L

white

X

custom

?

WIRES

000 Terminal 1 - 7 - C

Indicator light without wires

??? Terminal A - K - R

Indicator light with wires

Wires Materials:

- PVC (up to T90 °C)
- SILICONE (up to T200 °C)

Wires Lengths:

 from 60 mm to 600 mm
 (special version available
 up to 1.450 mm)

Wires Ends:

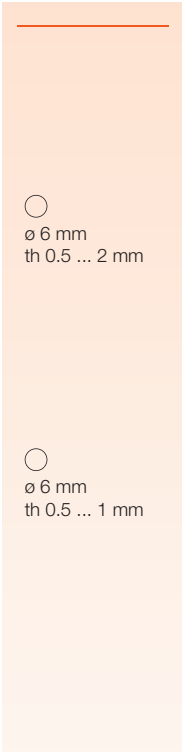
- pre-stripped
(from 5.5 to 18 mm)
- stripped (from 5.5 to 18 mm)
- not stripped
- crimp terminals

S X ? ?

SERIES

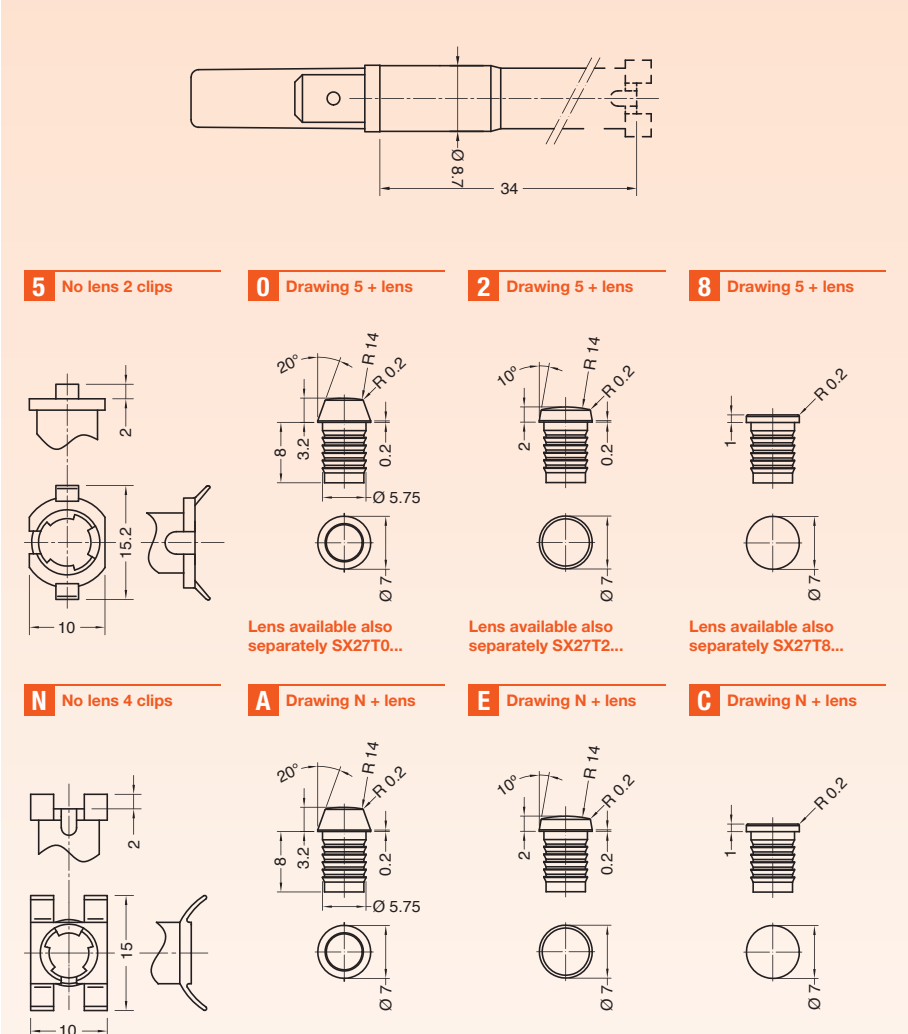
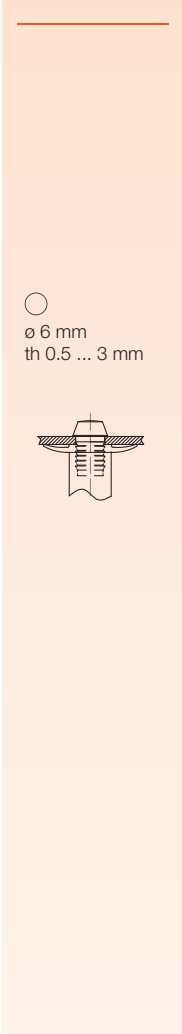
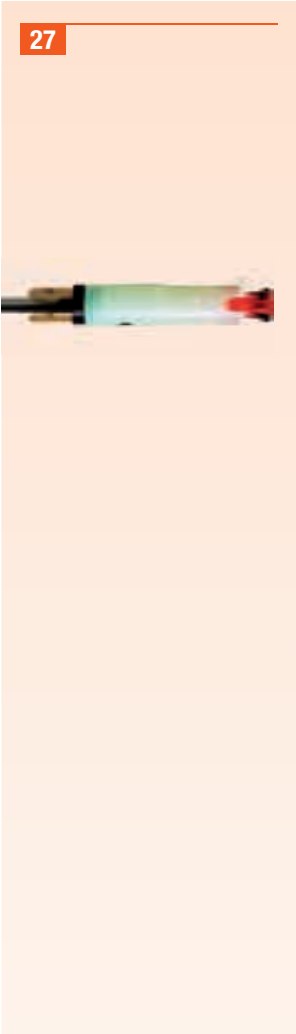
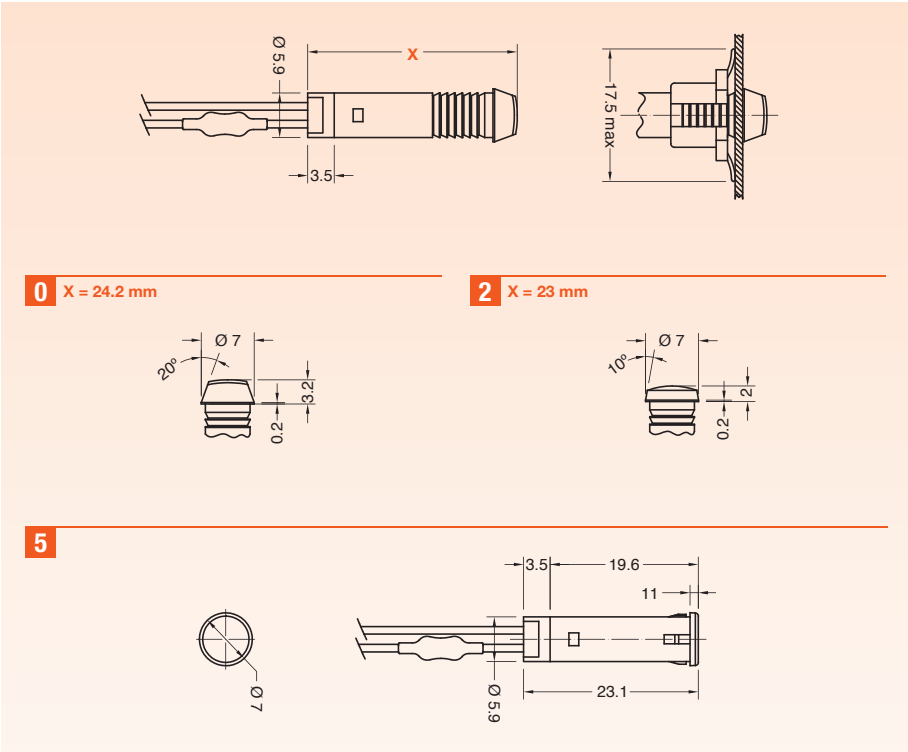


CUT OUT



?

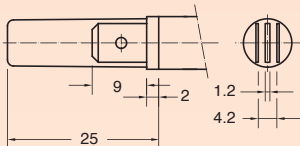
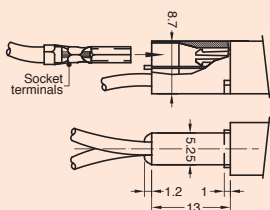
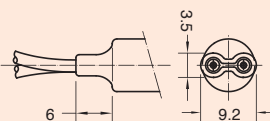
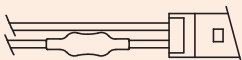
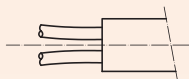
DRAWING



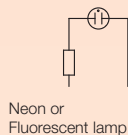
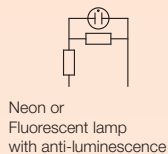
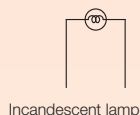
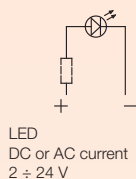
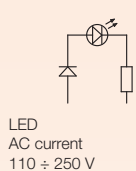
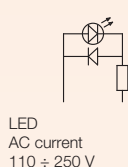
S	X	SERIES	DRAWING	TERMINAL	FUNCTION	VOLTAGE	TEMP.	COLOUR	WIRES	0	0

?	?	?	?	?	?	?	?	?	?	0	0
---	---	---	---	---	---	---	---	---	---	---	---

TERMINAL

1 Series 27
 Tabs 6.3 x 0.8

C Series 27
 Signal Click

K Series 27
 Wires crimped

P Series 24
 Wires locked with plug

R Series 27
 Wires sealed


FUNCTION

1 Series 24 - 27

2 Series 27

3 Series 27

5 Series 24 - 27

6 Series 24 - 27
 Terminal 1 - P

7 Series 27
 Terminal C - K - R


VOLTAGE

1 Function 5

2 V

2 Function
 3 - 5

12 V

3 Function
 3 - 5

24 V

4 Function
 1 - 2 - 6 - 7

110 V

5 Function
 1 - 2 - 6 - 7

125 V

6 Function
 1 - 2 - 6 - 7

230 V

7 Function
 1 - 2 - 6 - 7

250 V

8 Function
 1 - 2

400 V

VDE or UL certified

?
Available
on demand
X

Custom

TEMPERATURE

A

T 75 °C

1 Function 1-2-3

T 90 °C

2 Function 1 - 2

T 120 °C

3 Function 1 - 2

T 150 °C

COLOUR

SERIES 24

ILLUMINATED ✖

G red

H orange

E green

L white

SERIES 27

Drawing 5 - N

NO LENS ✖

0 red light

1 green light

 Drawing
 0 - 2 - 8 - A - C - E

ILLUMINATED ✖

G red

H orange

E green

L white

X **?**
 custom

WIRES

000 Terminal 1 - C

Indicator light without wires

??? Terminal K - P - R

Indicator light with wires

Wires Material:

- PVC (up to T90 °C)
- SILICONE (up to T200 °C)

Wires Length:

 from 60 mm to 600 mm
 (special version available
 up to 1.450 mm)

Wires Ends:

- pre-stripped (from 5.5 to 18 mm)
- stripped (from 5.5 to 18 mm)
- not stripped
- crimp terminals

S X ? ?

SERIES

CUT OUT

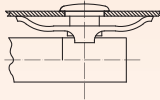
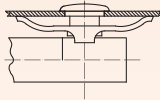
?

DRAWING

27

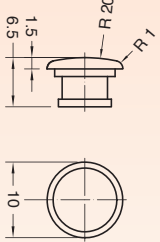
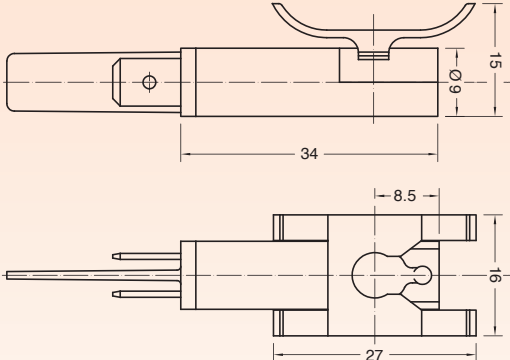


Ø 8 mm
th 0.5 ... 2 mm



M No lens

P Drawing M + lens



Lens available also separately SX27TP...

28



Custom



Ø 9 mm
th 0.5 ... 2 mm



Ø 9 mm
th 0.5 ... 2 mm



Custom

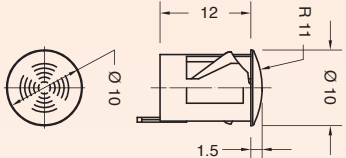
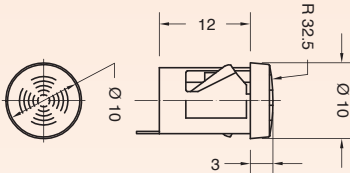
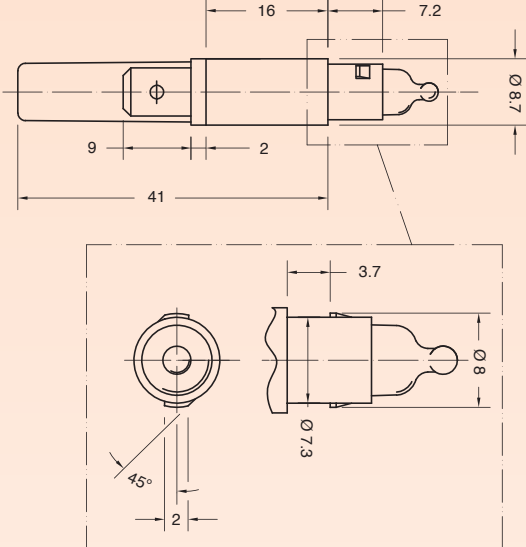
Ø 9 mm
th 0.5 ... 2 mm

Ø 9 mm
th 0.5 ... 2 mm

9 No lens

6 Drawing 9 + lens

F Drawing 9 + lens

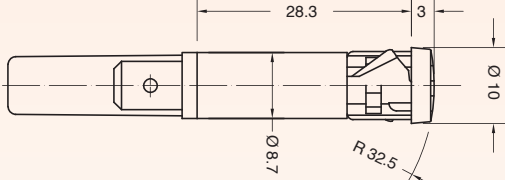


Lens available also separately SX28T6...

Lens available also separately SX28TF...

Further lens shapes available on demand

H One piece

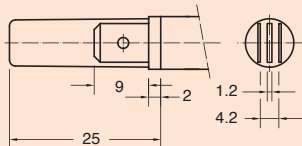


S	X	SERIES	DRAWING	TERMINAL	FUNCTION	VOLTAGE	TEMP.	COLOUR	WIRES	0	0

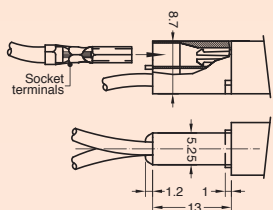
?	?	?	?	?	?	?	?	?	?	0	0
---	---	---	---	---	---	---	---	---	---	---	---

TERMINAL

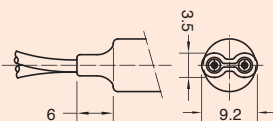
1 Series 27 - 28 Tabs 6.3 x 0.8



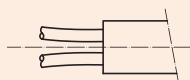
C Series 27 - 28 Signal Click



K Series 28 Wires crimped

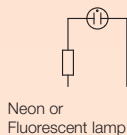


R Series 27 - 28 Wires sealed

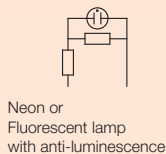


FUNCTION

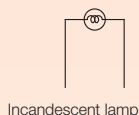
1 Series 27 - 28



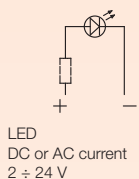
2 Series 27 - 28



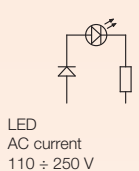
3 Series 27 - 28



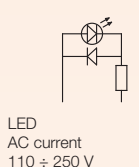
5 Series 27 - 28



6 Series 28 Terminal 1



7 Series 28 Terminal C - K - R



VOLTAGE

1 Function 5

2 V

2 Function 3 - 5

12 V

3 Function 3 - 5

24 V

4 Function 1 - 2 - 6 - 7

110 V

5 Function 1 - 2 - 6 - 7

125 V

6 Function 1 - 2 - 6 - 7

230 V

7 Function 1 - 2 - 6 - 7

250 V

8 Function 1 - 2

400 V

VDE or UL certified

?

Available on demand

X

Custom

TEMPERATURE

A

T 75 °C

1 Function 1 - 2 - 3

T 90 °C

2 Function 1 - 2

T 120 °C

3 Function 1 - 2

T 150 °C

COLOUR

NO LENS ✖

0

red light

1

green light

ILLUMINATED ✖

G

red

H

orange

E

green

L

white

X

custom

?

WIRES

000 Terminal 1 - C

Indicator light without wires

??? Terminal K - R

Indicator light with wires

Wires Material:

- PVC (up to T90 °C)
- SILICONE (up to T200 °C)

Wires Length:

from 60 mm to 600 mm
(special version available up to 1.450 mm)

Wires Ends:

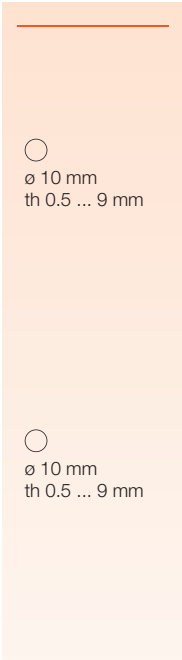
- pre-stripped (from 5.5 to 18 mm)
- stripped (from 5.5 to 18 mm)
- not stripped
- crimp terminals

S X ? ?

SERIES

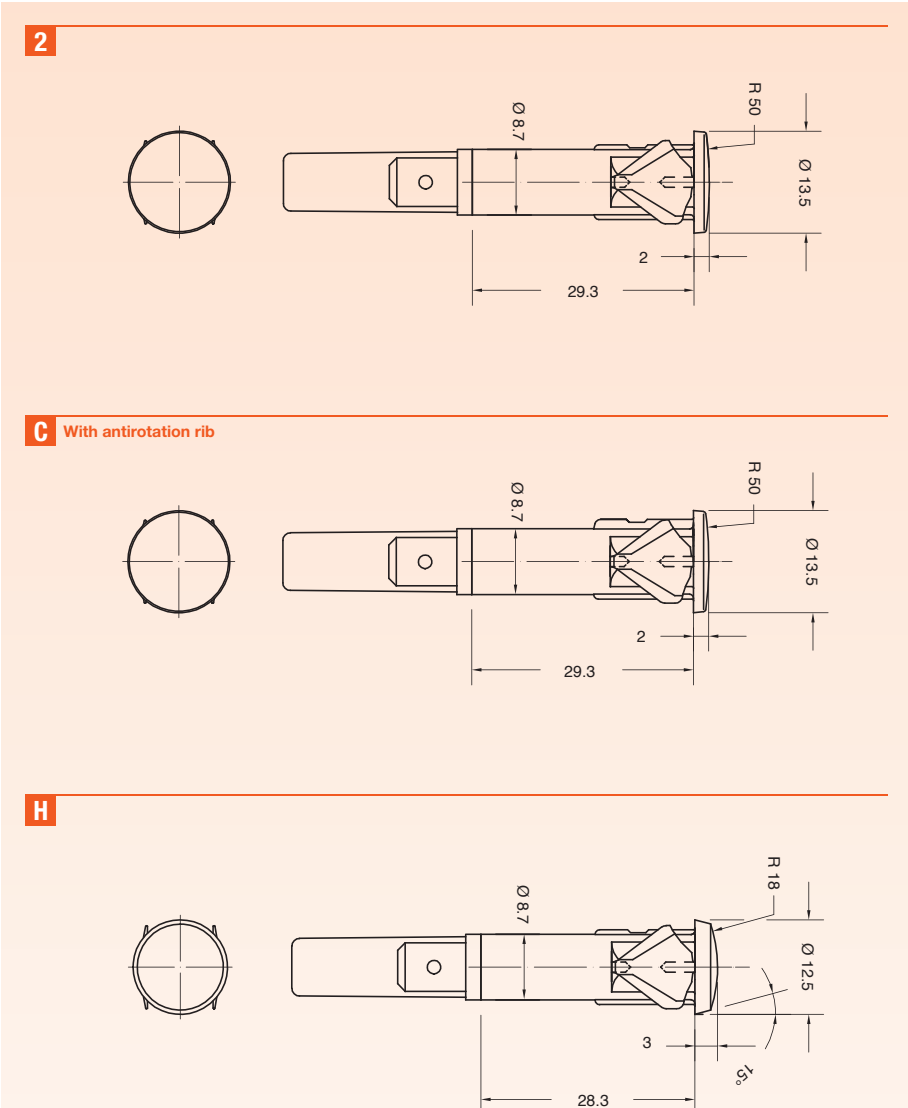
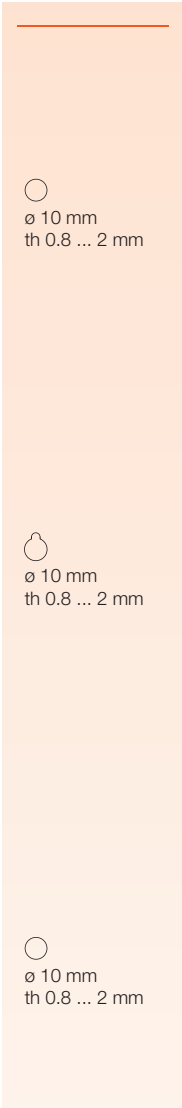
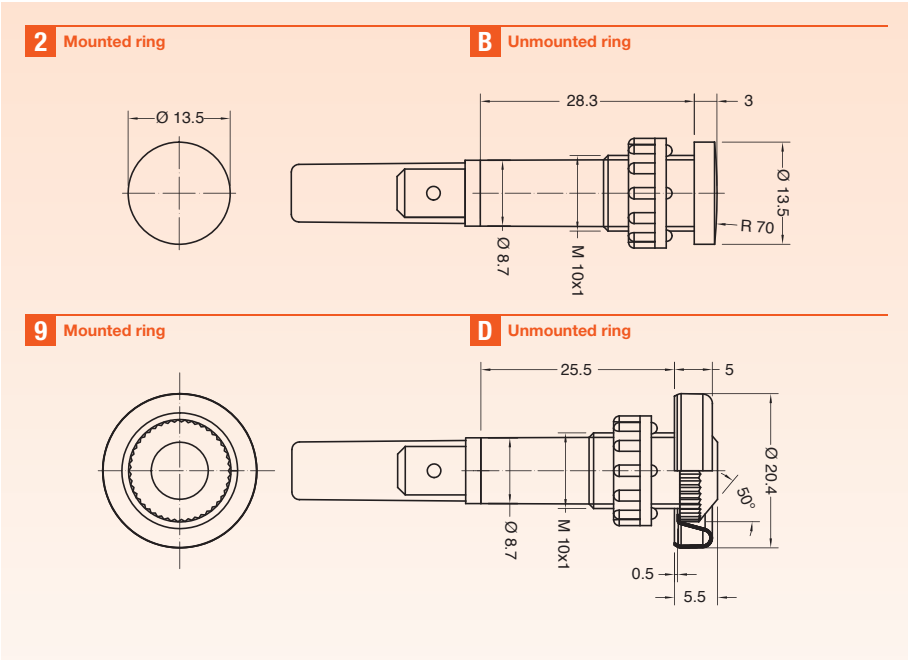


CUT OUT



?

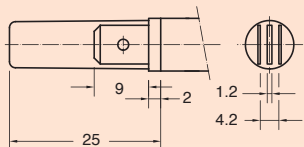
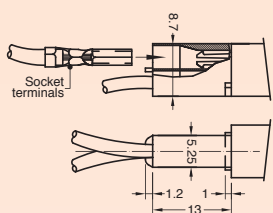
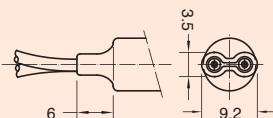
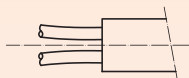
DRAWING



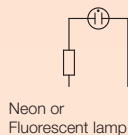
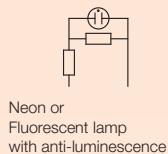
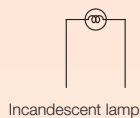
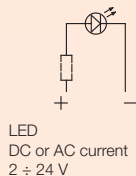
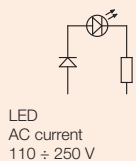
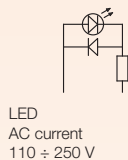
S	X	SERIES	DRAWING	TERMINAL	FUNCTION	VOLTAGE	TEMP.	COLOUR	WIRES	0	0

?	?	?	?	?	?	?	?	?	?	0	0
---	---	---	---	---	---	---	---	---	---	---	---

TERMINAL

1 Tabs 6.3 x 0.8**C** Signal Click**K** Wires crimped**R** Wires sealed

FUNCTION

1**2****3****5****6** Terminal 1**7** Terminal C - K - R

VOLTAGE

1 Function 5

2 V

2 Function 3 - 5

12 V

3 Function 3 - 5

24 V

4 Function 1 - 2 - 6 - 7

110 V

5 Function 1 - 2 - 6 - 7

125 V

6 Function 1 - 2 - 6 - 7

230 V

7 Function 1 - 2 - 6 - 7

250 V

8 Function 1 - 2

400 V

VDE or UL certified

?

Available on demand

X

Custom

TEMPERATURE

A

T 75 °C

1 Function 1 - 2 - 3

T 90 °C

2 Function 1 - 2

T 120 °C

3 Function 1 - 2

T 150 °C

COLOUR

ILLUMINATED ✨



WIRES

000 Terminal 1 - C

Indicator light without wires

??? Terminal K - R

Indicator light with wires

Wires Material:

- PVC (up to T90 °C)
- SILICONE (up to T200 °C)

Wires Length:

from 60 mm to 600 mm
(special version available up to 1.450 mm)

Wires Ends:

- pre-stripped (from 5.5 to 18 mm)
- stripped (from 5.5 to 18 mm)
- not stripped
- crimp terminals

S X ? ?

?

SERIES

CUT OUT

DRAWING

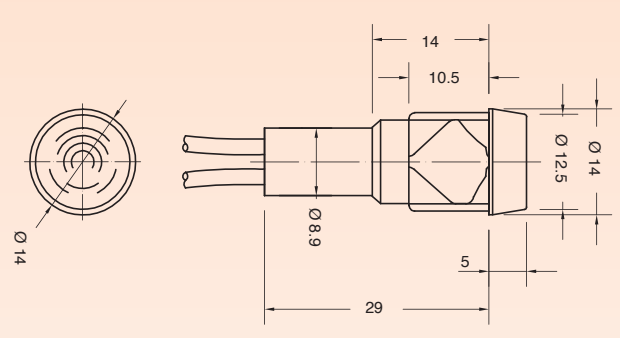
41



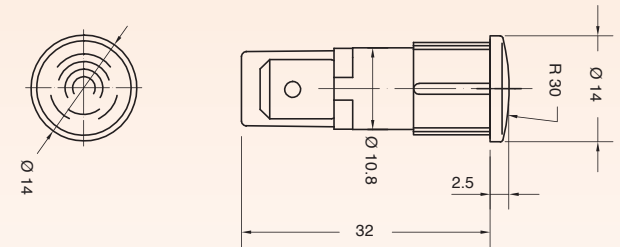
○
ø 12 mm
th 0.8 ... 2 mm

○
ø 12 mm
th 0.8 ... 2 mm

1



2

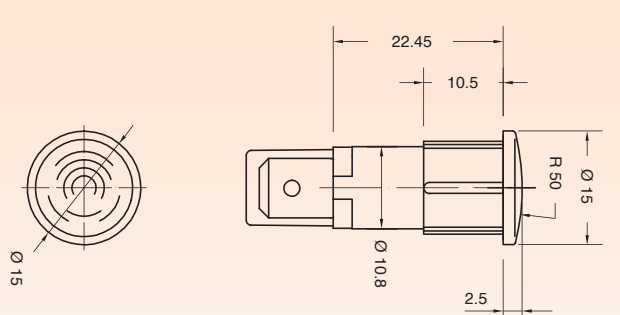


43



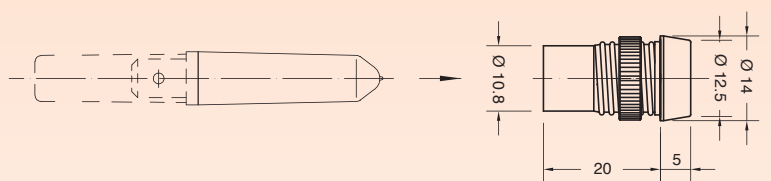
○
ø 13 mm
th 0.8 ... 2 mm

2

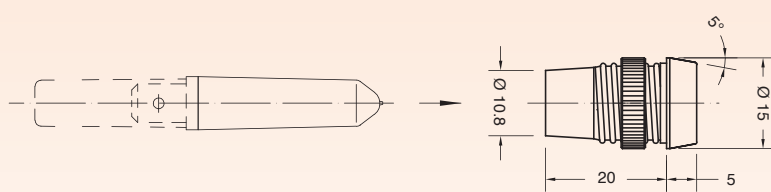


ACCESSORY LENSES FOR SERIES SX213...

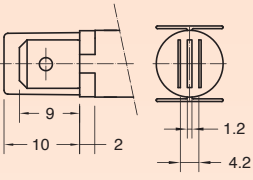
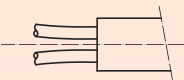
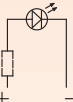
SX21T511...
○
ø 12 mm
th 0.8 ... 6.5 mm



SX21T531...
○
ø 13 mm
th 0.8 ... 6.5 mm



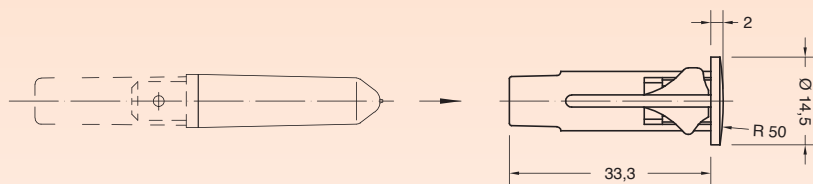
S	X	SERIES	DRAWING	TERMINAL	FUNCTION	VOLTAGE	TEMP.	COLOUR	WIRES	0	0

?	?	?	?	?	?	?	?	?	0	0
TERMINAL	FUNCTION	VOLTAGE	TEMPERATURE	COLOUR	WIRES	Indicator Lights				
1 Series 41 - 43 Tabs 6.3 x 0.8  R Series 41 Wires sealed 	1  2  3  5  6 Terminal 1  7 Terminal R 	1 Function 5 2 V 2 Function 3 - 5 12 V 3 Function 3 - 5 24 V 4 Function 1 - 2 - 6 - 7 110 V 5 Function 1 - 2 - 6 - 7 125 V 6 Function 1 - 2 - 6 - 7 230 V 7 Function 1 - 2 - 6 - 7 250 V 8 Function 1 - 2 400 V VDE or UL certified ? Available on demand X Custom	A T 75 °C 1 Function 1-2-3 T 90 °C 2 Function 1 - 2 T 120 °C 3 Function 1 - 2 T 150 °C	ILLUMINATED ✨ G red H orange E green L white X custom ?	000 Terminal 1 - C Indicator light without wires ??? Terminal K - R Indicator light with wires Wires Material: ■ PVC (up to T90 °C) ■ SILICONE (up to T200 °C) Wires Length: ■ from 60 mm to 600 mm (special version available up to 1.450 mm) Wires Ends: ■ pre-stripped (from 5.5 to 18 mm) ■ stripped (from 5.5 to 18 mm) ■ not stripped ■ crimp terminals					

SX21T572...
with antirotation rib

SX21T572...
without antirotation rib


 $\varnothing$ 10.2 mm
th 0.8 ... 2 mm



SX21T592...


 $\varnothing$ 13 mm
th 0.5 ... 2.5 mm

