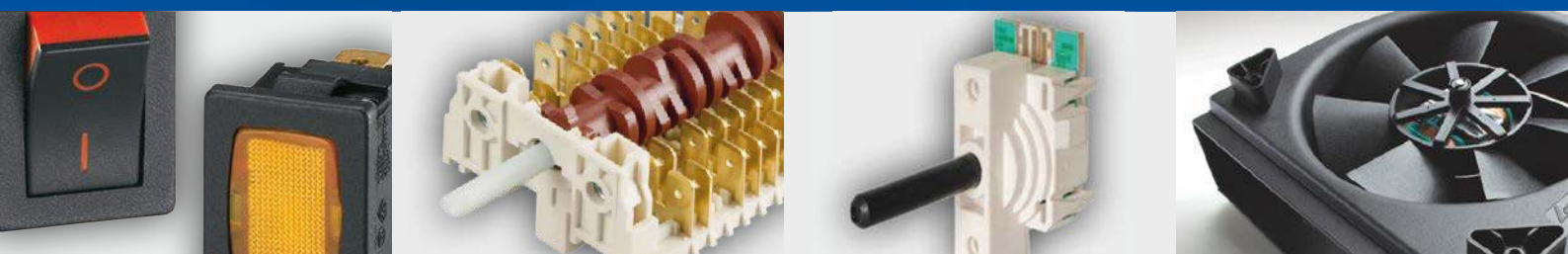


30 **cverel**

THE WORLD IN A CLICK



PUSH-BUTTON SWITCHES



Dreefs

 **SIGNAL LUX**

giramem

MOLVENO

 **KAUTT & BUX**

Push-Button Switches

01



SXL4

72



DY1

86



SCA

74



DY2

88



P1

76



DY
Accessories

90



SP60

78



SPM

92



SP63

80



TOUCH

94



SXL5

82



RFIT

96



LITE

84



SXL4



TYPICAL APPLICATIONS Coffee machines, washing machines

FUNCTIONS

- SPST, momentary or not
- SPST, illuminated or not
- DPST, momentary or not
- DPST, illuminated or not

CYCLE No. 50.000

CUT OUT 19x13 mm

AMBIENT TEMPERATURE 125 °C

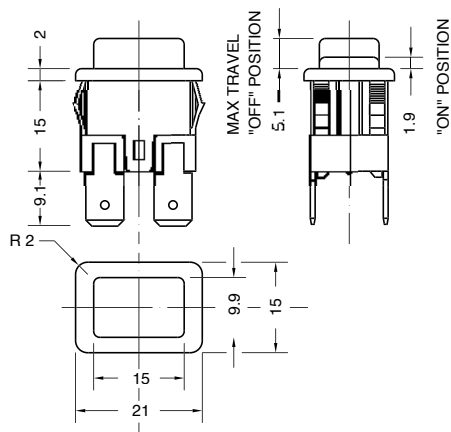
GWT 850 °C

GWT NO FLAME (<2sec) 750 °C

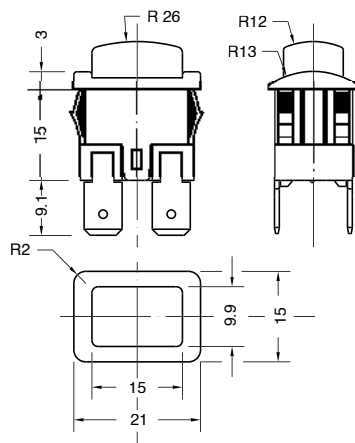
S X L 4 ?

DRAWING

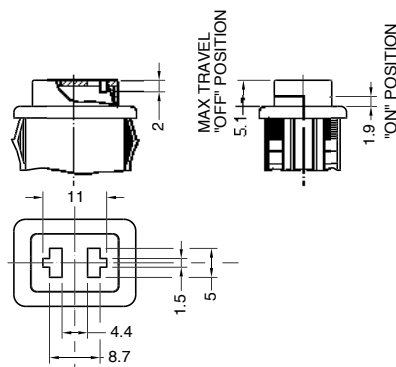
1 FLAT



2 BOWL



3 CUSTOMIZABLE



?

TERMINAL

1 Drawing 1 - 2 - 3 Vertical terminal 6.3x0.8



A Drawing 1 Horizontal terminal 6.3x0.8



2 Drawing 1 - 2 - 3 Vertical terminal 4.8x0.8



B Drawing 1 - 3 Horizontal terminal 4.8x0.8



4 Drawing 1 - 2 Vertical PCB terminal





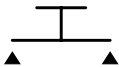
SCA



0 5 8 4



FUNCTION

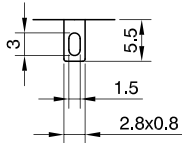


TYPICAL APPLICATIONS	Ironing systems
FUNCTIONS	■ SPST momentary
CYCLE No.	50.000
CUT OUT	19x13 mm
AMBIENT TEMPERATURE	120 °C
GWT	850 °C
GWT NO FLAME (<2sec)	750 °C on demand

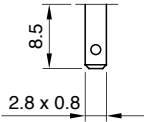
?

TERMINAL

0



4



?

RATING

2

2 (1) A / 250 VAC
1 (0.5) A / 250 VAC - 5E4
T120 °C
EN 61058

2 A - 125 / 250 VAC
T65 °C
UL 1054
CSA C22.2

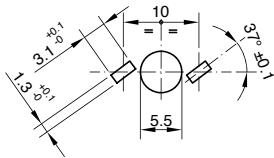
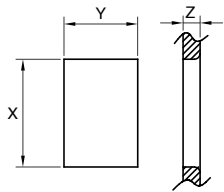
4

6 (4) A / 250 VAC
5 (2) A / 250 VAC - 5E4
T120 °C
EN 61058

6

10 (4) A / 250 VAC
5 (2) A / 250 VAC - 5E4
T120 °C
EN 61058

6 A - 125 / 250 VAC
1/6 HP - 250 VAC
1/8 HP - 125 VAC
T65 °C
UL 1054
CSA C22.2



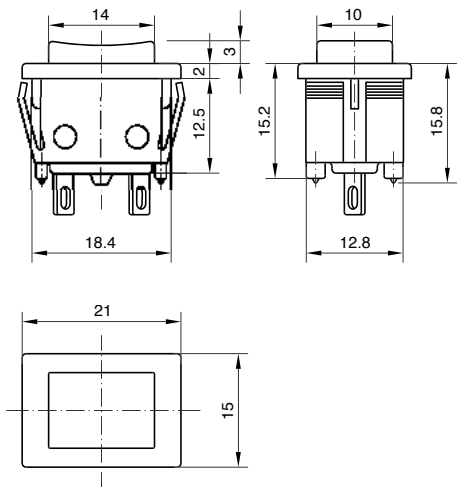
Z	Y	X
0,70 ... 1,25	13,0 ±0,1	19,0 ±0,1
1,25 ... 2,0	13,0 ±0,1	19,3 ±0,2
2,0 ... 3,0	13,0 ±0,1	19,6 ±0,2

0	5	8	4	TERMINAL	RATING	DRAWING	BODY COLOUR	BUTTON COLOUR	MARKING COLOUR	MARKING	0	0
---	---	---	---	----------	--------	---------	-------------	---------------	----------------	---------	---	---

?	?	?	?	?
DRAWING	BODY COLOUR	BUTTON COLOUR	MARKING COLOUR	MARKING

0	0
---	---

A Mat



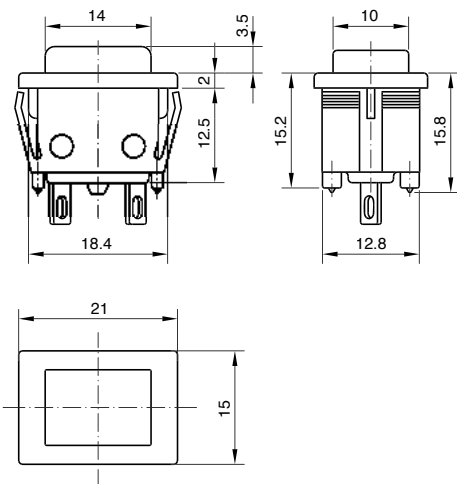
1	black	
2	white	
X	?	custom

1	black	
2	white	
X	?	custom

0	none	
1	black	
2	white	
X	?	custom

0	
X	?

B Gloss





P1



TYPICAL APPLICATIONS Cooking, small appliances, HVAC

FUNCTIONS

- SPST momentary, illuminated or not
- DPST momentary

CYCLE No. 50.000

CUT OUT ø 16 mm

AMBIENT TEMPERATURE 125 °C

GWT 850 °C

GWT NO FLAME (<2sec) 750 °C on demand

P

1

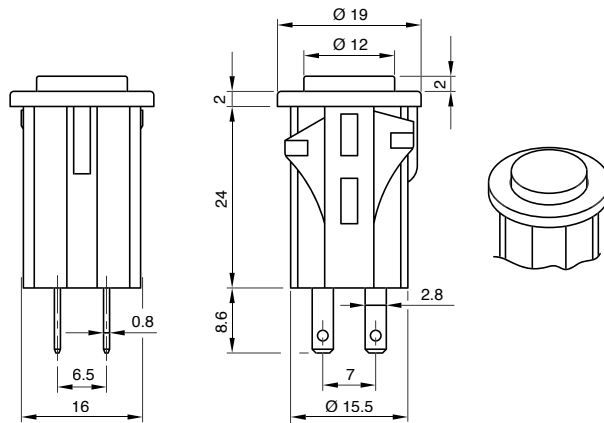
?

DRAWING



WATERPROOF CAP

2





SP60



TYPICAL APPLICATIONS Vacuum and steam cleaners

FUNCTIONS

- SPST, momentary or not
- SPST, illuminated or not
- DPST, illuminated or not

CYCLE No. 50.000

CUT OUT ø 25 mm

AMBIENT TEMPERATURE 120 °C

GWT 850 °C

GWT NO FLAME (<2sec) 750 °C on demand

S

P

6

0

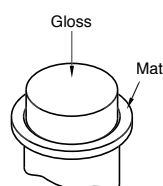
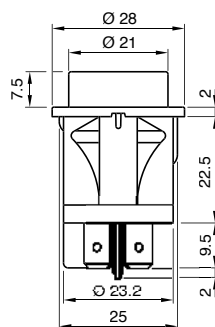
?

DRAWING

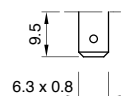
TERMINAL



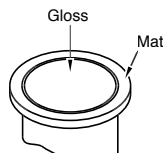
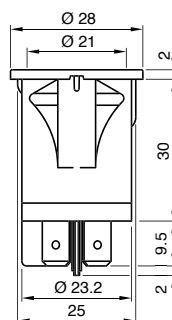
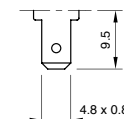
WATERPROOF CAP



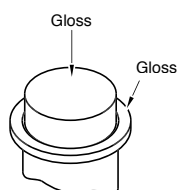
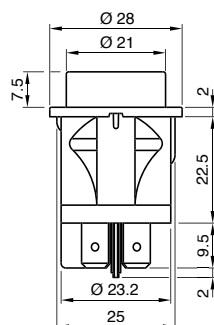
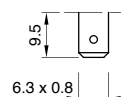
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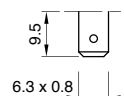
A



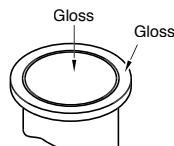
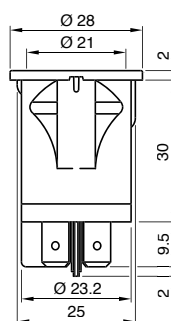
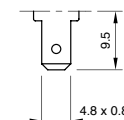
2



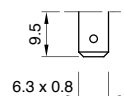
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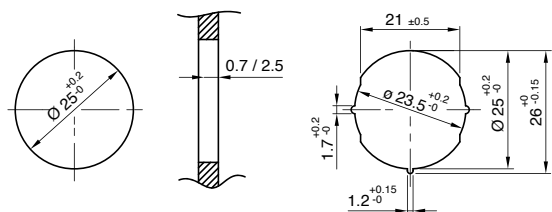


D



5





S	P	6	0	TERMINAL	FUNCTION	RATING	BODY COLOUR	BUTTON COLOUR	MARKING COLOUR	MARKING	0	0
---	---	---	---	----------	----------	--------	-------------	---------------	----------------	---------	---	---

?	?	?	?	?	?	?
FUNCTION	RATING	BODY COLOUR	BUTTON COLOUR	MARKING COLOUR	MARKING	

1	7 16 (6) A / 250 VAC 10 (4) 250 VAC - 5E4 10 (4) A / 400 VAC T120/55 °C EN 61058 16 A - 125 / 250 VAC 1/4 HP / 125 VAC 1/2 HP / 250 VAC T95 °C UL 1054	1 black 2 white X ? custom	M white N black R red ILLUMINATED G red H orange E green L white X ? custom No lens 0	0 none 1 black 2 white X ? custom	0 7 D E K X ?	
2						
4						
6						
8						

ACCESSORIES



SP60T1N0000



SP60T1M0000



SP60T1G0000



SP60T1E0000

Other colours available on demand.



SP63

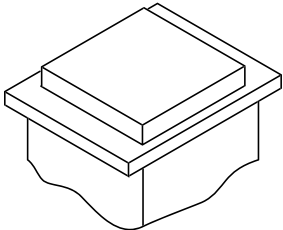
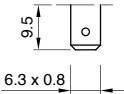
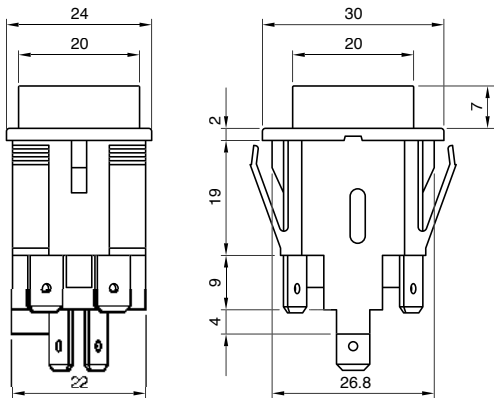


S P 6 3

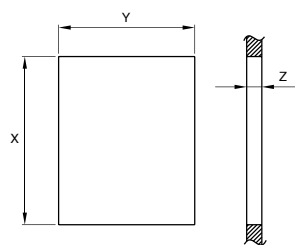
DRAWING

?

TERMINAL



TYPICAL APPLICATIONS	Vacuum and steam cleaners
FUNCTIONS	■ SPST, momentary or not ■ SPST, illuminated or not ■ DPST illuminated
CYCLE No.	50.000
CUT OUT	27x22 mm
AMBIENT TEMPERATURE	120 °C
GWT	850 °C
GWT NO FLAME (<2sec)	750 °C on demand



Z	Y	X
0,7 ... 2,5	22,2 $+0,3$ 0	27,2 $+0,3$ 0

S	P	6	3	TERMINAL	FUNCTION	RATING	BODY COLOUR	BUTTON COLOUR	MARKING COLOUR	MARKING	0	0
---	---	---	---	----------	----------	--------	-------------	---------------	----------------	---------	---	---

?	?	?	?	?	?	?
FUNCTION	RATING	BODY COLOUR	BUTTON COLOUR	MARKING COLOUR	MARKING	

0 0

4 	C 16 (6) A / 250 VAC 10 (4) A / 250 VAC - 5E4 10 (4) A / 400 VAC T120 °C EN 61058	1 black X ? custom	M white N black R red ILLUMINATED G red H orange E green L white X ? custom No lens 0 	0 none 1 black 2 white X ? custom	0 4 7 X ?
6 					
8 					
N 					

ACCESSORIES



SP63T1E0000



SP63T1G0000



SP63T1H0000

Other colours available on demand.



SXL5

TYPICAL APPLICATIONS Vacuum cleaners, washing machines, dishwashers, hydrocleaners

FUNCTIONS ■ SPST, momentary or not
■ DPST, momentary or not

CYCLE No. 50.000

CUT OUT Rear panel

AMBIENT TEMPERATURE 125 °C

GWT 850 °C

GWT NO FLAME (<2sec) 750 °C



S

X

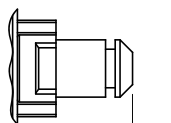
L

5

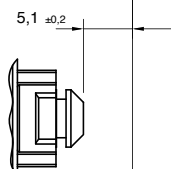
?

TRAVEL POSITION

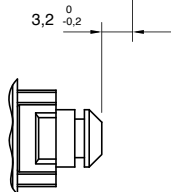
OFF position



Max travel



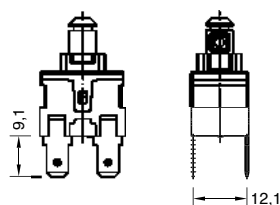
ON position



DRAWING

1

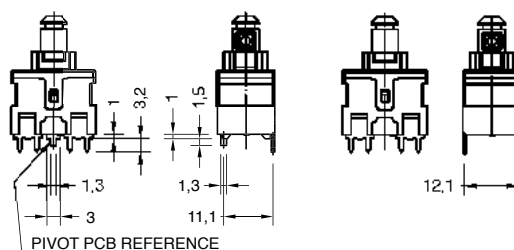
Vertical tab terminals



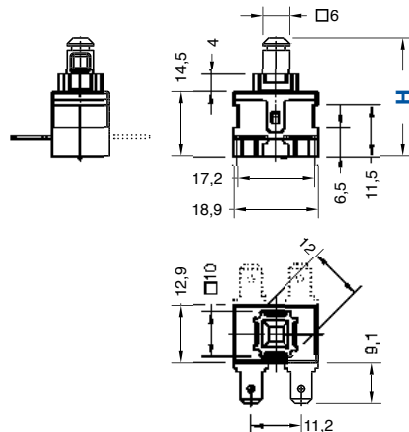
Vertical PCB terminals

Single pole version

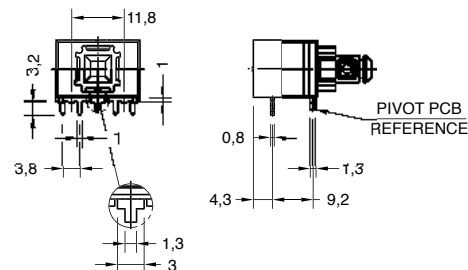
Double pole version



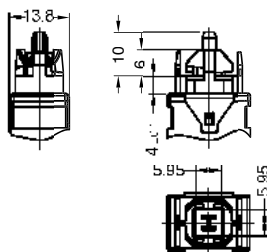
Horizontal tab terminals



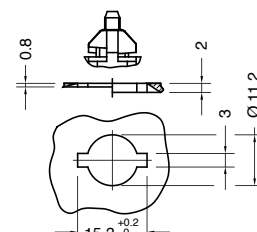
Horizontal PCB terminals



2



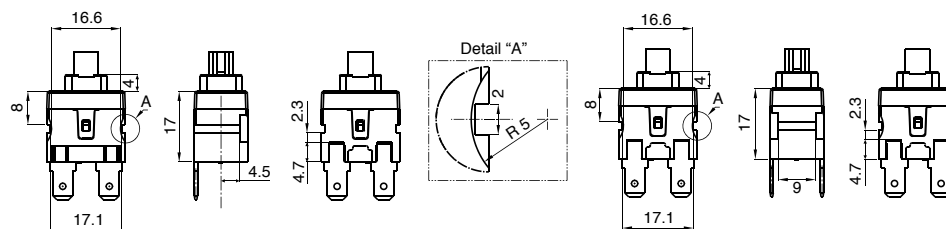
Wings fixing

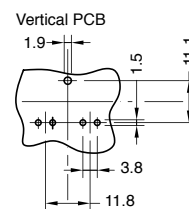
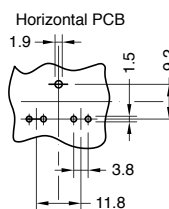
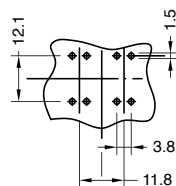
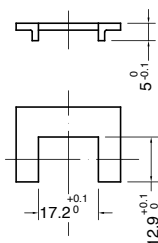
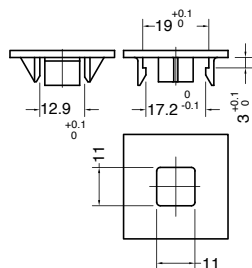


3

Single pole version

Double pole version





DRAWING TERMINAL SHAFT FUNCTION RATING

S

X

L

5

?

?

?

?

?

0

0

0

W

?

?

?

?

0

0

0

W

TERMINAL

SHAFT

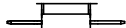
FUNCTION

RATING

- 1** Drawing 1 - 2 - 3
Vertical terminal
6.3x0.8



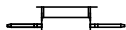
- A** Drawing 1 - 3
Horizontal terminal
6.3x0.8



- 2** Drawing 1 - 2 - 3
Vertical terminal
4.8x0.8



- B** Drawing 1 - 3
Horizontal terminal
4.8x0.8



- 4** Drawing 1 - 2
Vertical PCB terminal

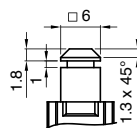


- D** Drawing 1
Horizontal PCB
terminal
only function 1 - 4

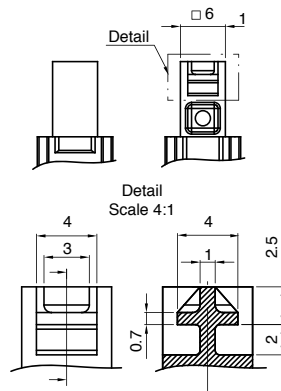


- A** H = 26.5

Available with drawings 1 and 2

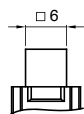


- B** H = 28.5

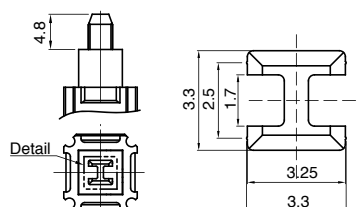


- C** H = 24

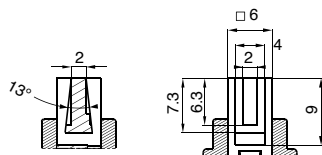
Available with drawings 1 and 2



- D** H = 28.5



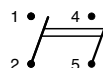
- E** H = 26.5



- 1**



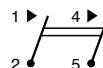
- 2**



- 4**



- 7**



- H**

12 (8) A / 250 VAC
16 (4) A / 250 VAC
10 (6) A / 250 VAC - 5E4
T125/55 °C
EN 61058 / CQC

16 A - 125 / 250 VAC
3/4 HP - 125 / 250 VAC
T100 °C
UL 1054

- 9**

12 (8) A / 250 VAC - 5E4
T85/55 °C
EN 61058

16 A - 125 / 250 VAC
3/4 HP - 125 / 250 VAC
T100 °C
UL 1054



LITE



TYPICAL APPLICATIONS Coffee machines

FUNCTIONS ■ SPST, illuminated or not
■ DPST illuminated

CYCLE No. 50.000

CUT OUT 19x13 mm rear panel

AMBIENT TEMPERATURE 125 °C

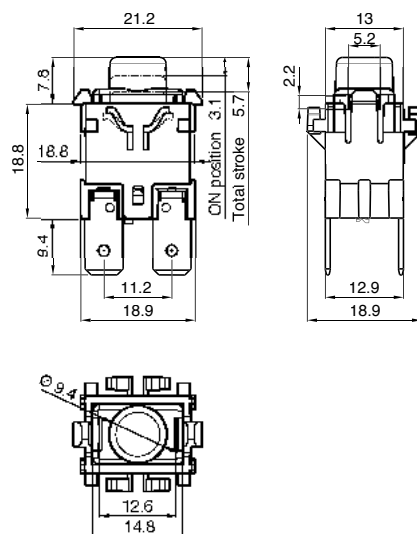
GWT 850 °C

GWT NO FLAME (<2sec) 750 °C

L I T E ?

DRAWING

1



?

TERMINAL

1 Vertical terminal
6.3x0.8

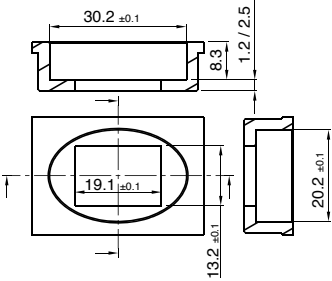


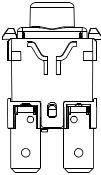
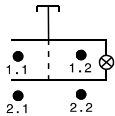
2 Vertical terminal
4.8x0.8



A Horizontal terminal
6.3x0.8





L	I	T	E	DRAWING	TERMINAL	AESTHETIC	FUNCTION	RATING	LENS COLOUR	LAMP COLOUR	0	0	0
?	?	?	?								0	0	0
AESTHETIC				FUNCTION			RATING		LENS COLOUR		LAMP COLOUR		
A 				1  5  8 			C 16 (6) A / 250 VAC 12 (10) A / 250 VAC 8 (8) A / 250 VAC - 5E4 T125/55 °C EN 61058 16 A - 125 / 250 VAC 1/2 HP - 125 VAC 3/4 HP - 250 VAC T100 °C UL 1054		L colourless		O no lamp G red E green		

ACCESSORIES



LITET1N0000



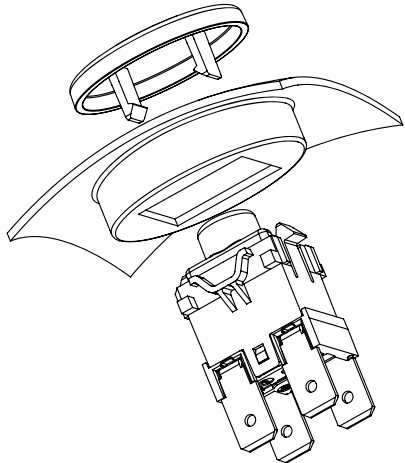
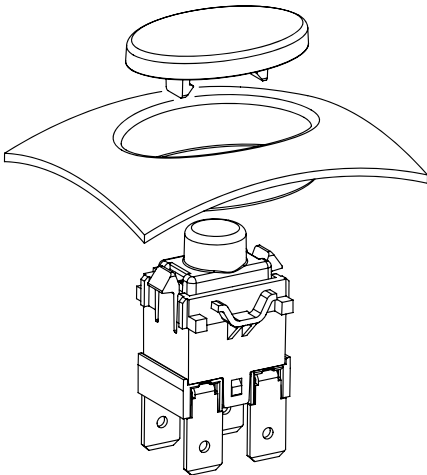
LITET1M0000



LITET1E0000



LITET1G0000





DY1

TYPICAL APPLICATIONS Cooking, washing, coffee machines

FUNCTIONS

- SPST, momentary or not
- SPDT, momentary or not

CYCLE No. 50.000

CUT OUT Rear panel

AMBIENT TEMPERATURE 125 °C

GWT 850 °C

GWT NO FLAME (<2sec) 750 °C



D

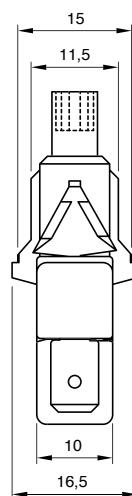
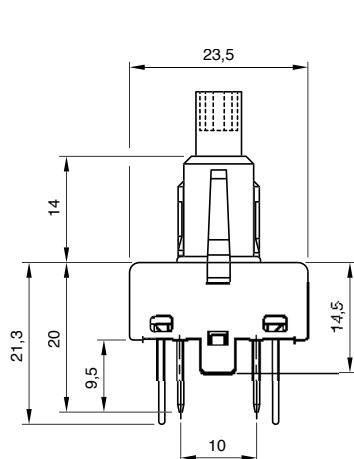
Y

1

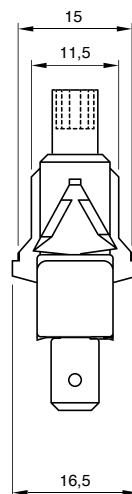
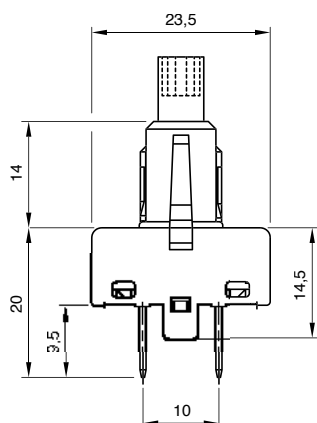
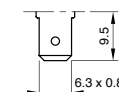
DRAWING

?

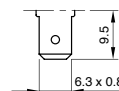
TERMINAL



1



6





DY2



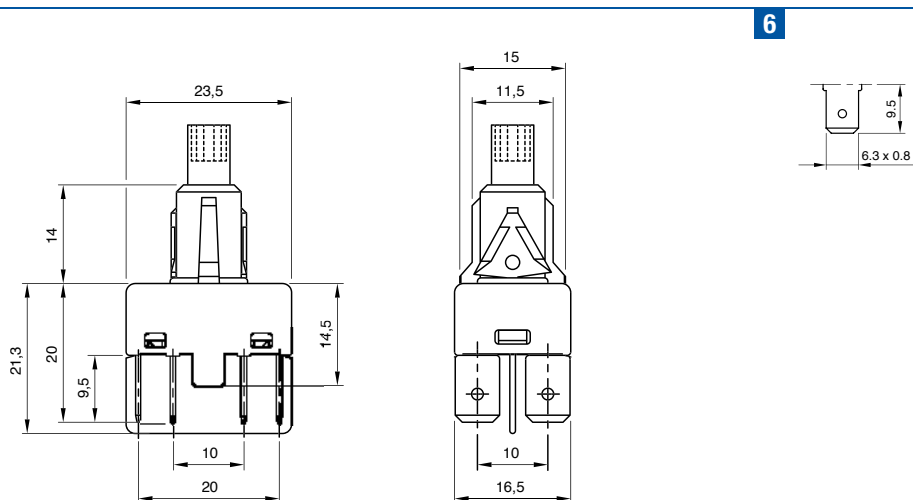
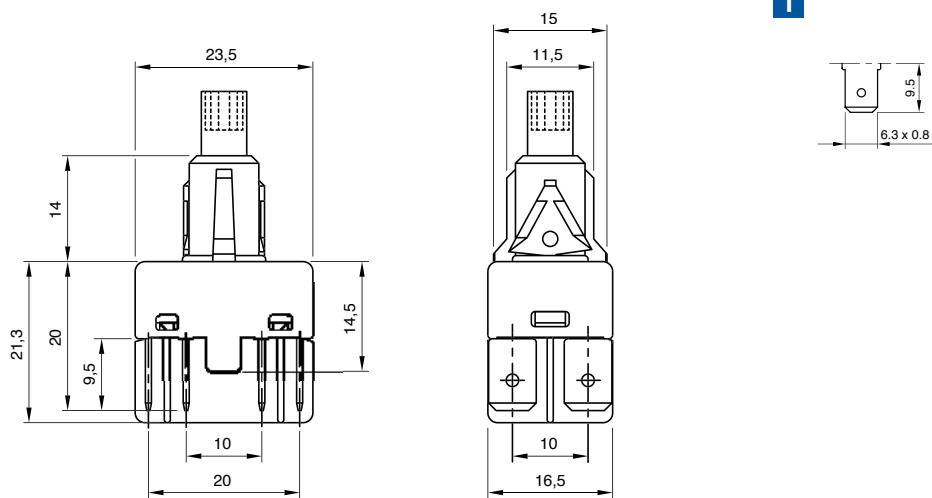
TYPICAL APPLICATIONS	Cooking, washing, coffee machines
FUNCTIONS	■ DPST, momentary or not ■ SPST+SPDT, momentary or not
CYCLE No.	50.000
CUT OUT	Rear panel
AMBIENT TEMPERATURE	125 °C
GWT	850 °C
GWT NO FLAME (<2sec)	750 °C

D Y 2

DRAWING

?

TERMINAL





DYST

Accessories for DY series

TYPICAL APPLICATIONS Cooking, washing, coffee machines

CUT OUT See drawing

AMBIENT TEMPERATURE up to 125 °C

GWT 850 °C

				TYPE	BODY COLOUR				
D	Y	S	T			0	0	0	0

D	Y	S	T
---	---	---	---

CUT OUT

DRAWING

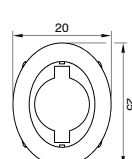
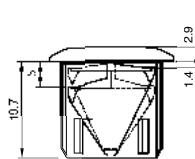
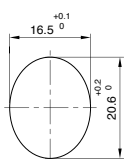
TYPE

BODY COLOUR



Oval body

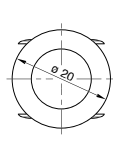
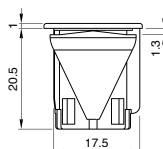
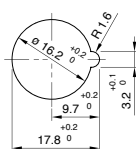
5 Standard



7 Painted

Round body with antirotation rib

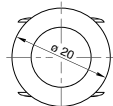
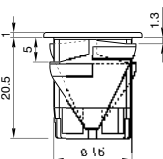
1 Standard



9 Painted

Round body

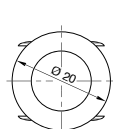
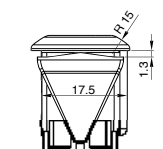
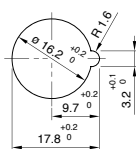
3 Standard



8 Painted

Soft Round body with antirotation rib

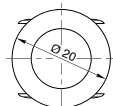
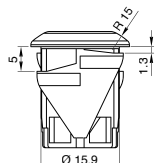
G Standard



S Painted

Soft Round body

L Standard



T Painted

Standard

1 black

2 white

Painted

1 chrome

X ? custom



DYT

Accessories for DY series

TYPICAL APPLICATIONS Cooking, washing, coffee machines

CUT OUT See drawing

AMBIENT TEMPERATURE 55 °C

GWT 850 °C

TYPE	BUTTON COLOUR	MARKING COLOUR	MARKING
D Y T			0 0

D	Y	T	?	?	?	?	?	0	0
---	---	---	---	---	---	---	---	---	---

DRAWING

TYPE

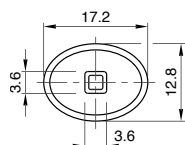
BUTTON COLOUR

MARKING COLOUR

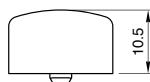
MARKING

Oval button

5K Standard



7K Painted



Standard

1 black

2 white

Painted

1 chrome

0

none

1

black

2

white

X

custom

?

0

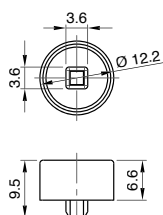


X



Round button

1K Standard



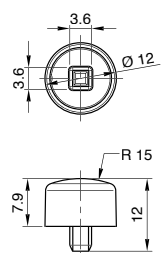
8K Painted

X custom

?

Soft Round button

3K Standard



9K Painted



SPM



TYPICAL APPLICATIONS	Washing
FUNCTIONS	■ SPST, momentary or not ■ SPDT ■ DPST, momentary or not ■ DPDT
CYCLE No.	50.000
CUT OUT	Rear panel
AMBIENT TEMPERATURE	125 °C
GWT	850 °C
GWT NO FLAME (<2sec)	750 °C (Rating C)

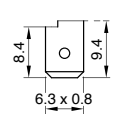
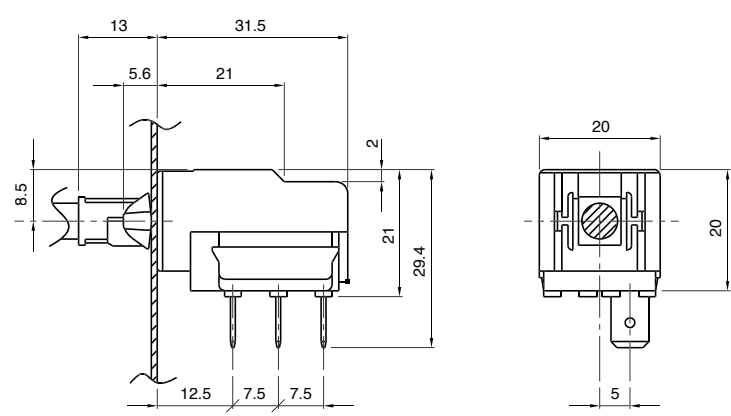
S **P** **M**

DRAWING

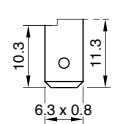
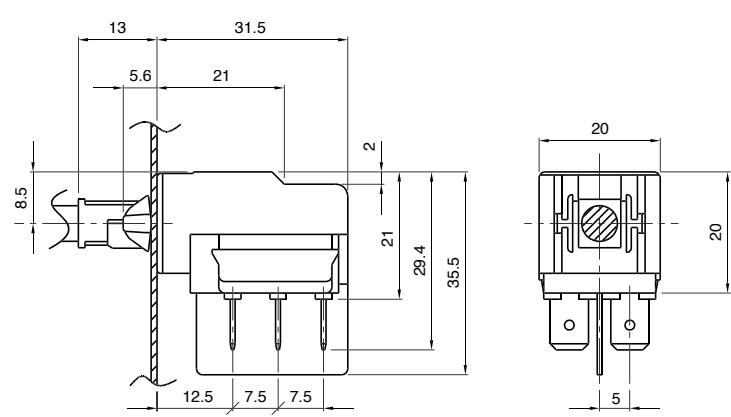
?

TERMINAL

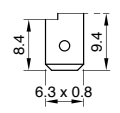
4

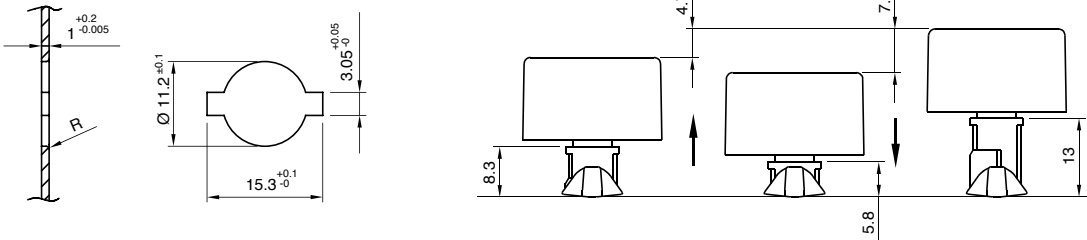


1



2





TERMINAL	SHAFT	FUNCTION	RATING
S	P	M	0 0 0

?

SHAFT

?

FUNCTION

?

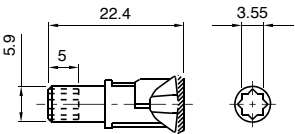
RATING

0

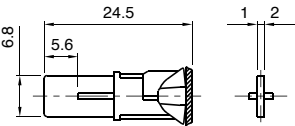
0

0

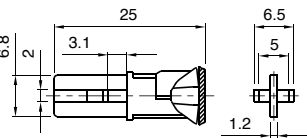
C



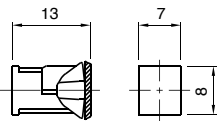
E



M



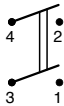
P



1



2



3



4



7



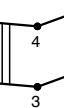
C



K



L



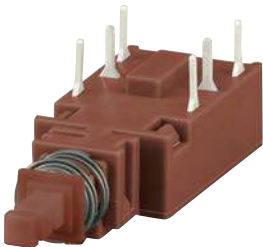
4

16 (8) A / 250 VAC
10 (6) A / 250 VAC - 5E4
10 A / 400 VAC
T125 °C
EN 61058

C

16 (8) A / 250 VAC
10 (6) A / 250 VAC - 5E4
10 A / 400 VAC
T125 °C
EN 61058

20 A / 125 VAC
16 A / 250 VAC
1/3 HP - 125 VAC
3/4 HP - 250 VAC
T65 °C
UL 1054
CSA C22.2



TOUCH



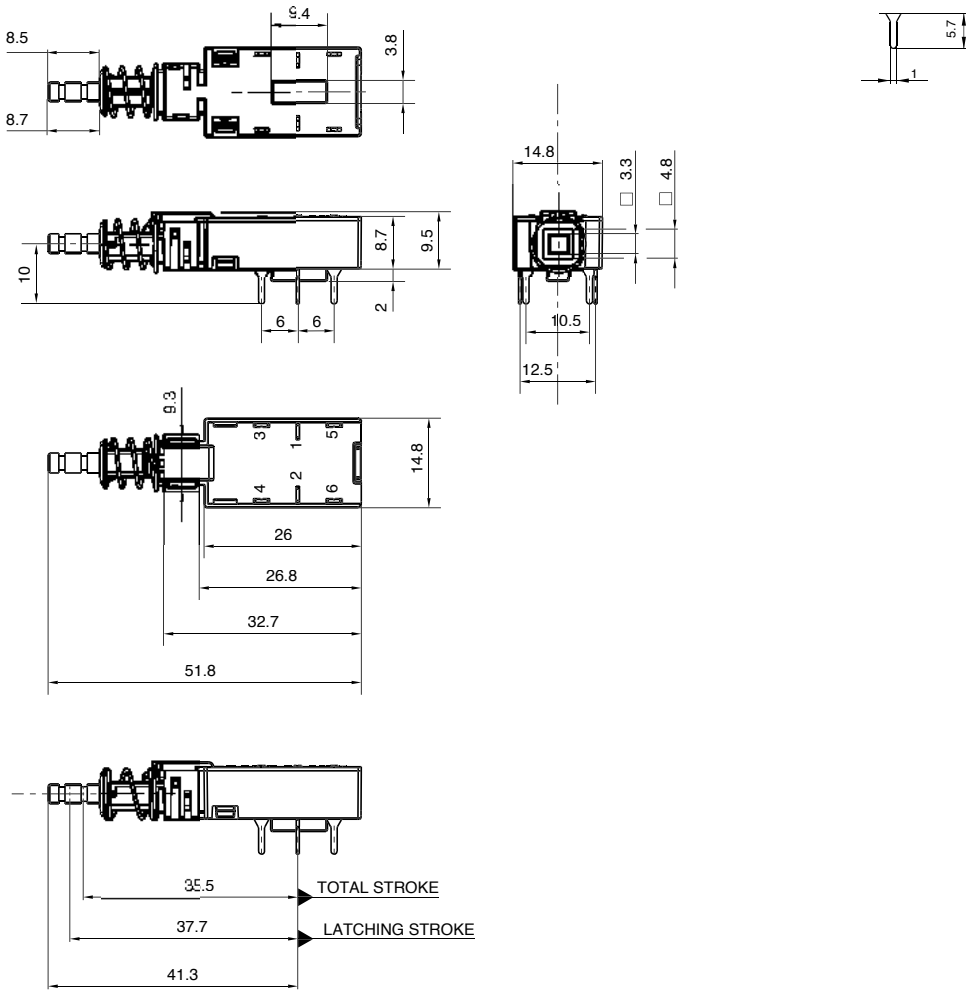
T O U C H

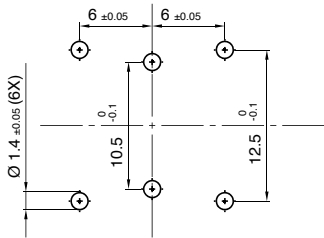
?

TERMINAL

TYPICAL APPLICATIONS	Cooker hoods, coffee machines, microwave
FUNCTIONS	■ SPST, momentary or not ■ SPDT, momentary or not ■ DPST, momentary or not ■ DPDT, momentary or not
CYCLE No.	10.000
CUT OUT	-
AMBIENT TEMPERATURE	110 °C
GWT	850 °C
GWT NO FLAME (<2sec)	750 °C

4





TERMINAL	SHAFT	FUNCTION	RATING			
T	O	U	C	H		
					0	0
						W

?

SHAFT

?

FUNCTION

?

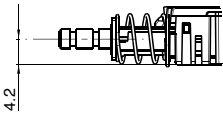
RATING

0

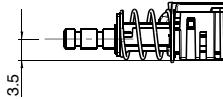
0

W

A



B



1



2



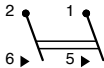
3



4



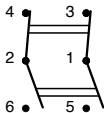
7



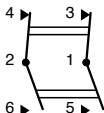
B



L



M



2

5 (2) A / 250 VAC
T85 °C
EN 61058

6 A / 125 VAC
T65 °C
UL 1054

3

8 (3) A / 250 VAC
T110 °C
EN 61058

6 A / 125 VAC
T65 °C
UL 1054



RFIT

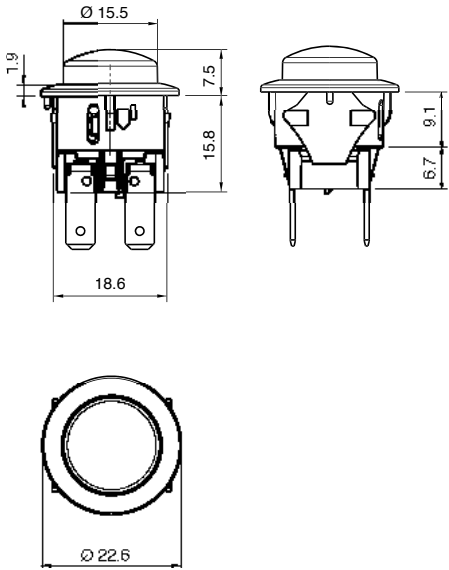


TYPICAL APPLICATIONS	Coffee machines, washing machine
FUNCTIONS	■ SPST, momentary or not ■ DPST, momentary or not ■ DPST, illuminated or not
CYCLE No.	50.000
CUT OUT	ø 20 mm
AMBIENT TEMPERATURE	125 °C
GWT	850 °C
GWT NO FLAME (<2sec)	750 °C on demand

R F I T ?

DRAWING

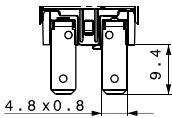
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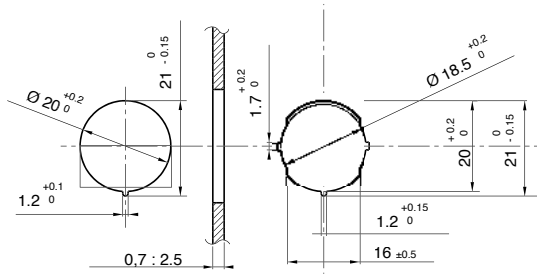


?

TERMINAL

2





R	F	I	T	DRAWING	TERMINAL	FUNCTION	RATING	BODY COLOUR	BUTTON COLOUR	0	0	0	0	0
---	---	---	---	---------	----------	----------	--------	-------------	---------------	---	---	---	---	---

?	?	?	?											
---	---	---	---	--	--	--	--	--	--	--	--	--	--	--

FUNCTION RATING BODY COLOUR BUTTON COLOUR

0	0	0	0	0
---	---	---	---	---

1	
2	
4	
7	
8	

C

16 (6) A / 250 VAC
 12 (10) A / 250 VAC
 8 (8) A / 250 VAC - 5E4
 T125 / 55 °C
 EN 61058

16 A - 125 / 250 VAC
 1 / 2 HP - 125 VAC
 3 / 4 HP - 250 VAC
 T65 °C (T100 °C on demand)
 UL 1054

1
 black

2
 white

N
 black

M
 white

ILLUMINATED

E
 green

F
 blue

G
 red

H
 orange

X
 custom



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- Production Site
- Sales Network



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