

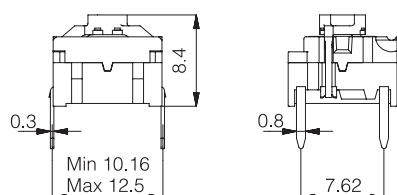
multimec® illumec™ 4A

Technical Data

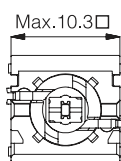
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10,000,000 operations life time
- IP67 sealing
- temperature range:
high temp. switch: -40/+160°C
LED: -30/+85°C



Dimensions (through-hole)

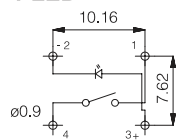


Top View

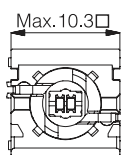
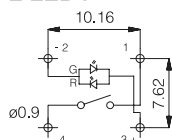


PCB layout and Circuit Diagram

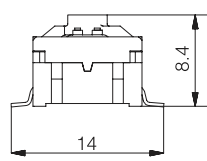
1 LED



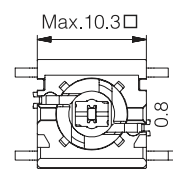
2 LEDs



Dimensions (SMD)

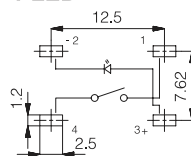


Top View

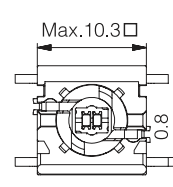
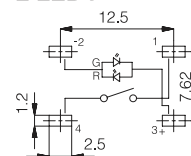


PCB layout and Circuit Diagram

1 LED



2 LEDs



Technical specifications for 4A switch and LEDs see pages 35 and 36

How to order

4 A ☐ ☐ ☐

Switch **Mounting**
SH9 surface mount
TH9 through-hole

☐ ☐ ☐ + ☐ ☐

LED

01
22
42
61
82
2242
8222
8242

Illuminated Cap

1A 10,12,14,16,18
 1B 10,12,14,16,18

☐ ☐ ☐

Cap **Solid** **Illuminated**
Colour **Colour** **Lens**

1H Solid Colour + lens 1,2,4,6,8

1C Solid Colour + lens 1,2,4,6,8 +

+



2 C

Bezel

☐ ☐ ☐

Solid **Colour**

☐ ☐ ☐

Bezel **Solid** **Illuminated**

☐ ☐ ☐

Colour **Colour** **Lens**

☐ ☐ ☐

Bezel **Solid** **Illuminated**

☐ ☐ ☐

Colour **Colour** **Lens**

☐ ☐ ☐

Bezel **Solid** **Illuminated**

☐ ☐ ☐

Colour **Colour** **Lens**

☐ ☐ ☐

Bezel **Solid** **Illuminated**

☐ ☐ ☐

Colour **Colour** **Lens**

☐ ☐ ☐

Bezel **Solid** **Illuminated**

☐ ☐ ☐

Colour **Colour** **Lens**

☐ ☐ ☐

Bezel **Solid** **Illuminated**

☐ ☐ ☐

Colour **Colour** **Lens**

☐ ☐ ☐

Bezel **Solid** **Illuminated**

☐ ☐ ☐

Colour **Colour** **Lens**

☐ ☐ ☐

Bezel **Solid** **Illuminated**

☐ ☐ ☐

Colour **Colour** **Lens**

☐ ☐ ☐

Bezel **Solid** **Illuminated**

☐ ☐ ☐

Colour codes

LEDs
01 blue
22 green
42 yellow
61 white
82 red
2242 green/yellow
8222 red/green
8242 red/yellow

Illuminated Caps
10 frosted blue
12 frosted green
14 frosted yellow
16 frosted white
18 frosted red

Lenses
1 transparent
2 green
4 yellow
6 frosted white
8 red

Solid Colours Caps and Bezels

For 1A, 1B and 2C only:
00 blue
02 green
03 grey
04 yellow
06 white
08 red
09 black
30 ultra blue
40 dusty blue
42 aqua blue
32 mint green
33 tele grey
08 red
34 melon
38 noble red

50 metal dark blue
53 metal light grey
57 metal dark grey
58 metal bordeaux

Dimensions

Caps **See Page**
1A - 1H 11
1B - 1C 10
2C - 2D 10
Same as for 2A/B 10

Ordering example: 4ASH982 + 1A18 or 4ATH901 + 1B10 + 2C09

For updates of products and/or changes of specifications please see www.mec.dk

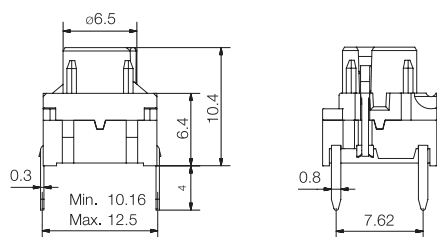
multimec® illumec™ 4F

Technical Data

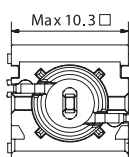
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10,000,000 operations life time
- IP67 sealing
- temperature range:
high temp. switch; -40/+160°C
LED: -30/+85°C



Dimensions (through-hole)

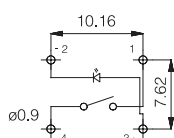


Top View

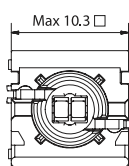
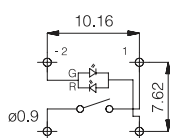


PCB layout and Circuit Diagram

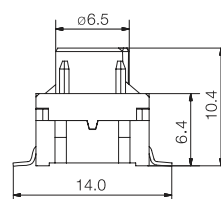
1 LED



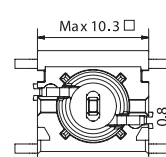
2 LEDs



Dimensions (SMD)

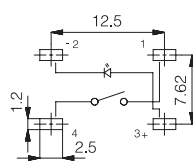


Top View

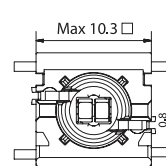
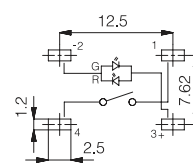


PCB layout and Circuit Diagram

1 LED



2 LEDs



Technical specifications for 4F switch and LEDs see pages 35 and 36

How to order

Switch	Mounting	LED	Illuminated Cap	
4 F	SH9 surface mount TH9 through-hole	01 22 42 61 82 2242 8222 8242		1D 1K,1KB,1KC 1N 1S 1T 1U 1V 1WA,1WD,1WP 1X

Colour code

11,16	Cap	Solid Colour	Illuminated Lens
11,16			
10,12,14,16,18			1E Solid Colour + lens 1,2,4,6,8
11			1F Solid Colour + lens 1,2,4,6,8
16			1Q Solid Colour + lens 1,6
16			1R Solid Colour + lens 1,6
16			
16			
11			

Colour codes

LEDs	Illuminated Caps	Lenses
01 blue	10 frosted blue	1 transparent
22 green	11 transparent	2 green
42 yellow	12 frosted green	4 yellow
61 white	14 frosted yellow	6 frosted white
82 red	16 frosted white	8 red
2242 green/yellow	18 frosted red	
8222 red/green		
8242 red/yellow		

Solid Colours

1E,1F	1Q,1R
00 blue	00 blue
02 green	03 grey
03 grey	08 red
04 yellow	09 black
06 white	
08 red	
09 black	

Dimensions

Caps	See Page
1D,1E,1F	15
1K,1KB,1KC	16
1N	14
1Q,1R	18
1S	21
1T,1U,1V	19
1WA,1WD,1WP	17
1X	20

Ordering example: 4FSH98242 + 1D11 or 4FTH922 + 1T16

For updates of products and/or changes of specifications please see www.mec.dk