



1A/1H/1M/1ZA series caps have a hinge-type retention system which gives a rocker-action actuation when mounted on Multimec 5G switch.

Illumination can be provided with 1A in transparent colours or 1H with different colour lenses.

1A/1H, 1ZA and 1M caps offer three different dimensions, many solid and transparent colours as well as lens colours. 1A has many legend options in its standard offering; however, all caps can be provided with custom legends.

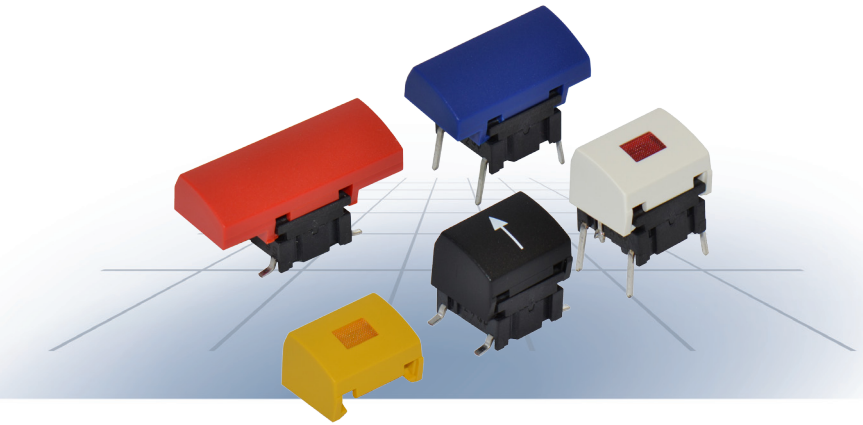


*Letter legends on the picture are not standard

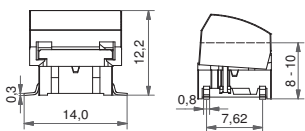
Distributor:

Technical Data:

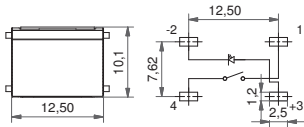
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations lifetime
- IP67 sealing
- temp. range: switch: -40/+160°C
LED: -30/+85°C
solid keycap: -40/+65°C
transparent keycap: -40/+85°C
- actuation force: 2.0, 3.5, 6.5 N



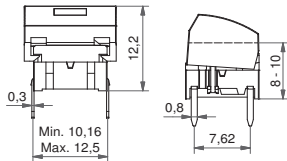
Dimensions (SMD w/LED) 1A



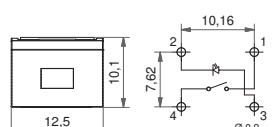
PCB layout



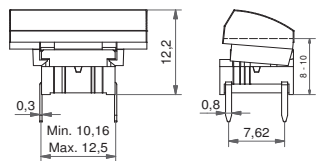
Dimensions (TH w/LED) 1H



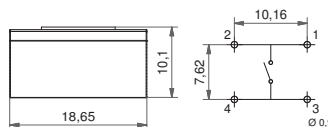
PCB layout



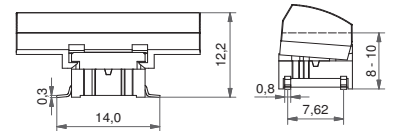
Dimensions (through-hole) 1ZA



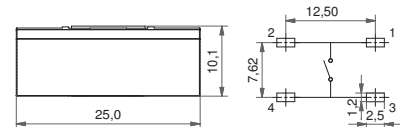
PCB layout



Dimensions (SMD) 1M



PCB layout



HOW TO ORDER illuminated

5 G

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Switch

Mounting

TH9 through-hole
SH9 surface mount

Actuation force

20
35
65
Q**

LED

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

Cap



1A



Colour code 1H

00 blue 06 white
02 green 08 red
03 grey 09 black
04 yellow

Lens 1H

1 transparent
2 green
4 yellow
6 frosted white
8 red

Colour code 1A

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

HOW TO ORDER non-illuminated

5 G

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Switch

Mounting

TH9 through-hole
SH9 surface mount

Actuation force

20
35
65
Q**

Cap



Colour code

00 blue 30*ultra blue 50*metal dark blue
02 green 40*dusty blue 53*metal light grey
03*grey 42*aqua blue 57*metal dark grey
04 yellow 32 mint green 58 metal bordeaux
06*white 33 tele grey
08 red 34 melon
09*black 38 noble red * Colours for 1ZA

**Quiet version is only available for actuation force 2.0N (20) and the letter Q is added to the end of the switch part number. See the ordering example.

Dimensions (mm) Unless otherwise specified, all tolerances +/- 0,2

Ordering example: 5GSH93582 + 1H068 with illumination

5GTH965 + 1ZA57 without illumination

**5GTH92001Q with illumination or 5GSH920Q (quiet version)

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

See colour codes on our website: www.mec.dk

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[Apem:](#)

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[1H038](#) [1H086](#)