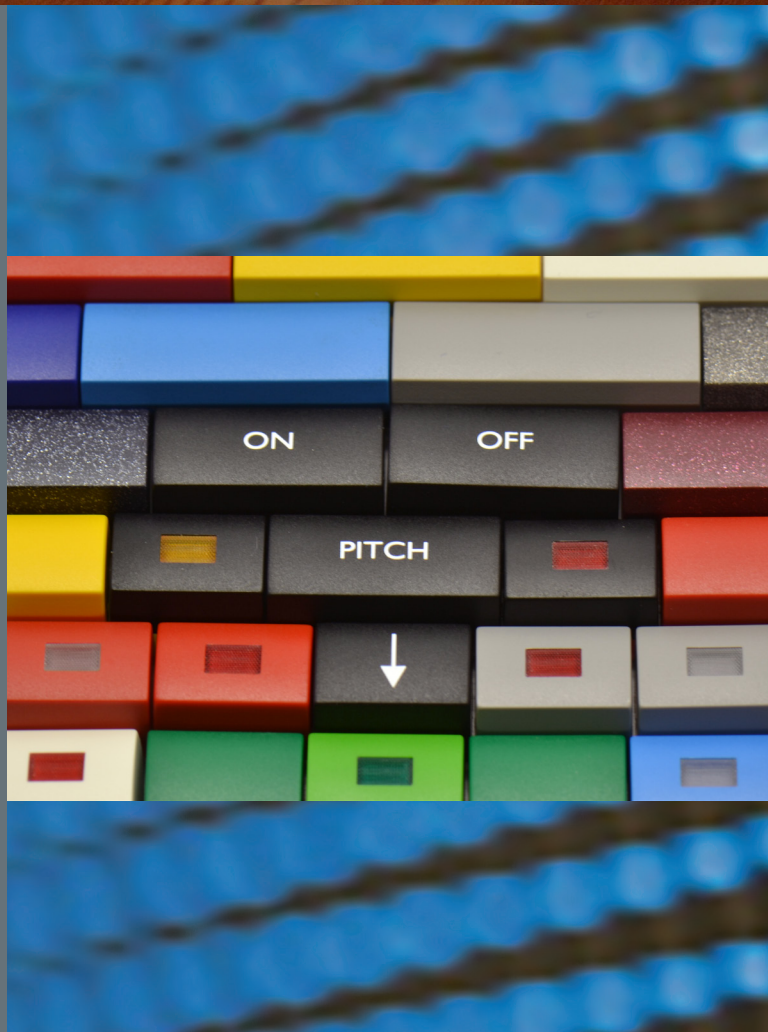




1A/1H/1M/1ZA series caps have a hinge-type retention system which gives a rocker-action actuation when mounted on Multimec 5G switch.

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.

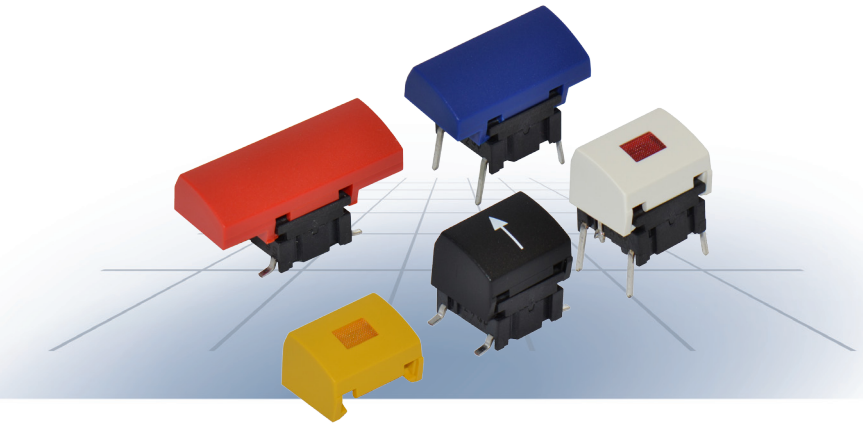


*Letter legends on the picture are not standard

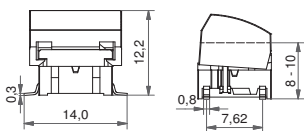
Distributor:

Technical Data:

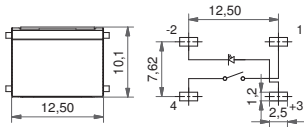
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations lifetime
- IP67 sealing
- temp. range: switch: -40/+160°C
LED: -30/+85°C
solid keycap: -40/+65°C
transparent keycap: -40/+85°C
- actuation force: 2.0, 3.5, 6.5 N



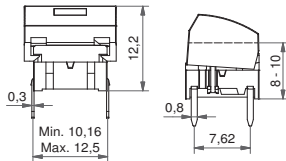
Dimensions (SMD w/LED) 1A



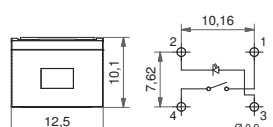
PCB layout



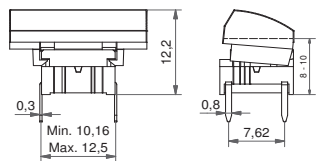
Dimensions (TH w/LED) 1H



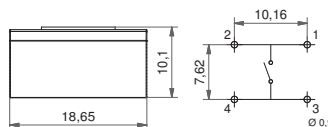
PCB layout



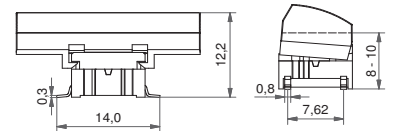
Dimensions (through-hole) 1ZA



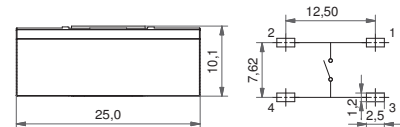
PCB layout



Dimensions (SMD) 1M



PCB layout



HOW TO ORDER illuminated

5 G



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

Colour code 1A

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



Lens 1H

1 transparent
2 green
4 yellow
6 frosted white
8 red

HOW TO ORDER non-illuminated

5 G



Switch

Mounting

TH9 through-hole
SH9 surface mount



Actuation force

20
35
65
Q**

+



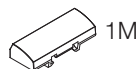
Cap



1A



1ZA



1M



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.

Ordering example: 5GSH93582 + 1H068 with illumination

5GTH965 + 1ZA57 without illumination

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

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

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

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

MEC A/S

Industriparken 23 • DK-2750 Ballerup • Denmark
Phone: +45 44 97 33 66 • Fax: +45 44 68 15 14 • E-mail: danmec@mec.dk • www.mec.dk