



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.

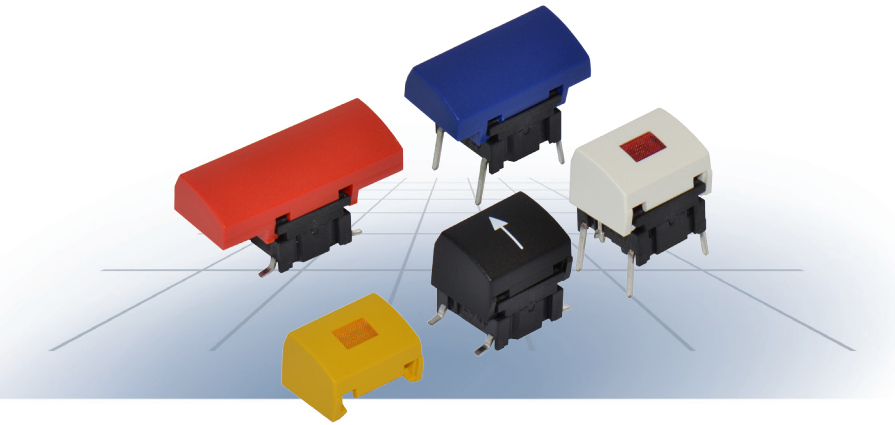


*Letter legends on the picture are not standard

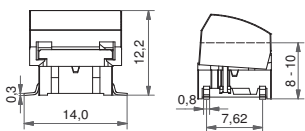
Distributor:

Technical Data:

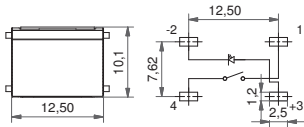
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations lifetime
- IP67 sealing
- temp. range: switch: -40/+160°C
LED: -30/+85°C
solid keycap: -40/+65°C
transparent keycap: -40/+85°C
- actuation force: 2.0, 3.5, 6.5 N



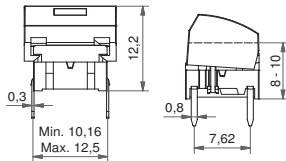
Dimensions (SMD w/LED) 1A



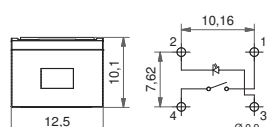
PCB layout



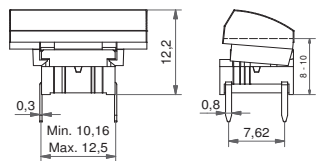
Dimensions (TH w/LED) 1H



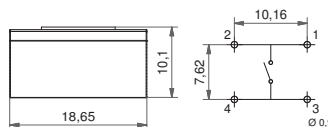
PCB layout



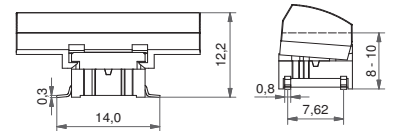
Dimensions (through-hole) 1ZA



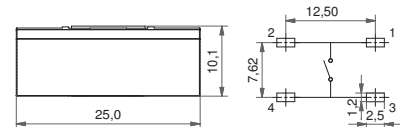
PCB layout



Dimensions (SMD) 1M



PCB layout



HOW TO ORDER illuminated

5 G					+				
Switch	Mounting	Actuation force	LED	Cap		Colour code 1H	Lens 1H		
	TH9 through-hole	20	01 blue	1H		00 blue	1 transparent		
	SH9 surface mount	35	22 green			02 green	2 green		
		65	42 yellow			03 grey	4 yellow		
		Q**	61 white			04 yellow	6 frosted white		
			82 red				8 red		
			2242 green/yellow			Colour code 1A			
			8222 red/green			10 frosted blue	16 frosted white		
			8242 red/yellow			12 frosted green	18 frosted red		
						14 frosted yellow			

HOW TO ORDER non-illuminated

5 G					+				
Switch	Mounting	Actuation force	Cap	Colour code					
	TH9 through-hole	20	1A	00 blue	30*ultra blue	50*metal dark blue			
	SH9 surface mount	35		02 green	40*dusty blue	53*metal light grey			
		65		03*grey	42*aqua blue	57*metal dark grey			
		Q**		04 yellow	32 mint green	58 metal bordeaux			
				06*white	33 tele grey				
				08 red	34 melon				
				09*black	38 noble red				

**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