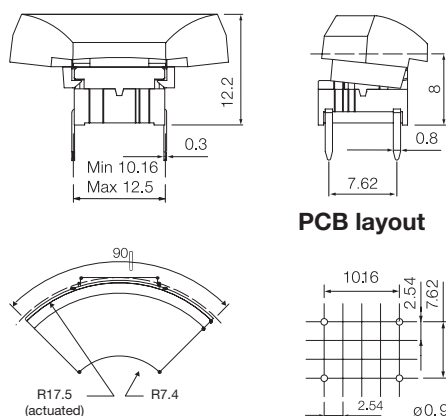


Technical Data

- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:
low temp: -40/+115°C
high temp: -40/+160°C

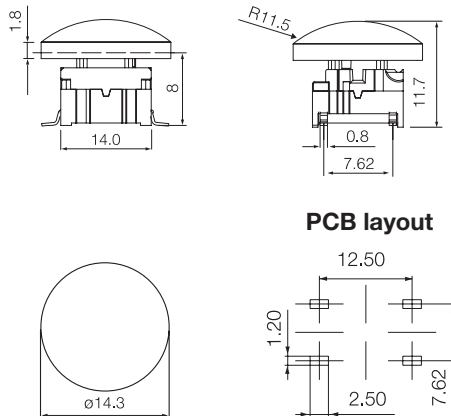


Dimensions 1ZB (through-hole)



PCB layout

Dimensions 1ZC (SMD)

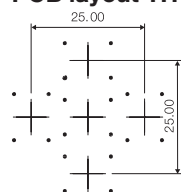


PCB layout

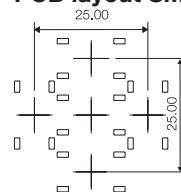
Recommended panel cut-out:

ø35.0-35.5 Depending on application

PCB layout TH



PCB layout SMD



How to order

3 A	☐	☐	☐	☐	☐
Switch	Mounting	L 6 low temp.	Cap 1ZB	03 grey	
	T through-hole	H 9 high temp.		06 white	
	S surface mount			09 black	
				30 ultra blue	
				40 dusty blue	
				42 aqua blue	
				50 metal dark blue	
				53 metal light grey	
				57 metal dark grey	
				58 metal bordeaux	

Navimec™ Module

Part No. 9508000	Navimec™ Module excl. keycaps
Part No. 950XXYY	Navimec™ Module incl. keycaps
Part No. 9509XXYYYY	Navimec™ Module incl. keycaps with legends

The module can be delivered with keycaps (4 x 1ZB and 1 x 1ZC) in solid colours or black keycaps with white legends.

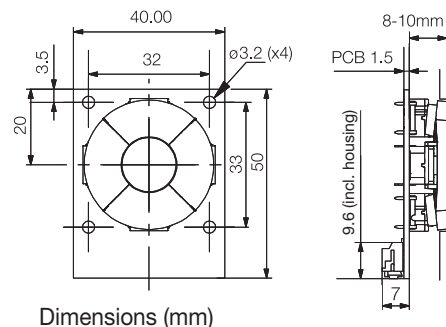
For module incl. keycaps in solid colours (950XXYY) please indicate colour code for 1ZBXX and colour code for 1ZCYY.

For module incl. keycaps with legends (9509XXYYYY) please indicate legends for 1ZBXX and legends for 1ZCYYY. All Caps are black with white legends. Please see legends available on page 23.

Examples: Module with 5 switches (4x3ATL6+1x3FTL6) mounted with 4x1ZB30 ultra blue and 1x1ZC42 aqua blue = 9503042.

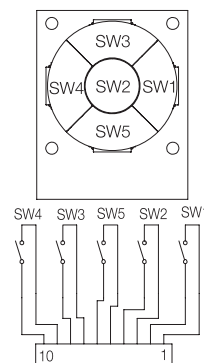
Module with 5 switches (4x3ATL6+1x3FTL6) mounted with 4x1ZB09XD136 (legend arrow) and 1x1ZC09118 (legend OK) = 9509136118.

Dimensions Navimec™ Module



Dimensions (mm)

Circuit Diagram Navimec™ Module (Front side View)



The plug on the Navimec™ module is JST SMT S10B-PH-SM3-TB or similar.
We recommend using
Cable socket: JST PHR-10 or similar
Contact: JST SPH-002T-PO.5S or similar.

Ordering example: 4x3ATL6+1ZB53 and 1x3FTL6+1ZC58 or Navimec™ Module 9505358

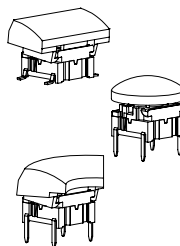
For updates of products and/or changes of specifications please see www.mec.dk

multimec® navimec

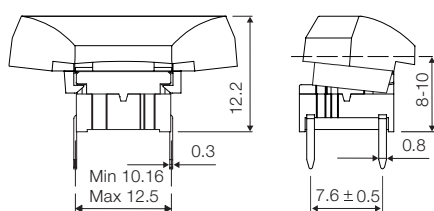


Technical Data:

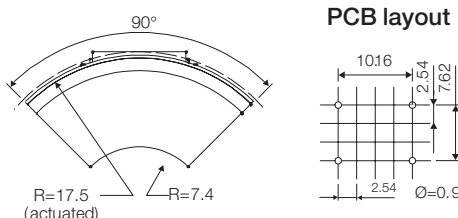
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:
low temp: -40/+115°C
high temp: -40/+160°C



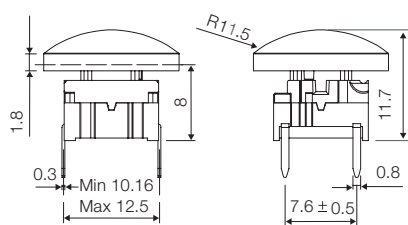
Dimensions 1ZB (through-hole)



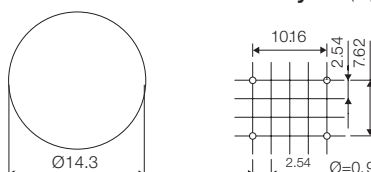
PCB layout



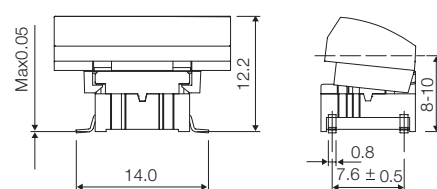
Dimensions 1ZC (through-hole)



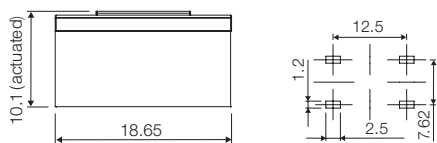
PCB layout (top view)



Dimensions 1ZA (SMD)



PCB layout



HOW TO ORDER

3 A

+

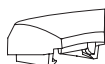
Switch
Mounting
T through-hole

S surface mount

L 6 low temp.

H 9 high temp.

Cap 1ZA

Cap 1ZB

03 grey

06 white

09 black

30 ultra blue

40 dusty blue

42 aqua blue

50 metal dark blue

53 metal light grey

57 metal dark grey

58 metal bordeaux

3 F

+

Switch
Mounting
T through-hole

S surface mount

L 6 low temp.

H 9 high temp.

Cap 1ZC

03 grey

06 white

09 black

30 ultra blue

40 dusty blue

42 aqua blue

50 metal dark blue

53 metal light grey

57 metal dark grey

58 metal bordeaux

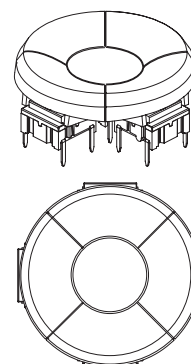
Standard versions:

3ATL6, 3ATH9, 3ASH9, 3ASH9R (tape/reel)

3FTL6, 3FTH9, 3FSH9, 3FSH9R (tape/reel)

 Dimensions (mm): Unless otherwise specified, all tolerances ± 0.2
Ordering example: 3ATL6 + 1ZA58, 3FTL6 + 1ZC53

Design example


 Consisting of: 4 x 3ATL6 + 4 x 1ZB + 1 x 3FTL6 + 1 x 1ZC
(3F in centre position)

Recommended panel cut-out:

 $\phi = 35,0 - 35,5$ Depending on application

PCB layout

