

multimec®

basic switch modules

| Through-hole Versions                                                                                                                           |                  |                      |                          |                                                            |                                        |                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|--------------------------|------------------------------------------------------------|----------------------------------------|-------------------------------------------|
| 3A                                                                                                                                              |                  | 3C                   | 3E                       | 3F                                                         |                                        |                                           |
| For 1A/1B/1M/1ZA/1ZB                                                                                                                            | w/LED for 1C/1H  |                      | For 3E actuators/Varimec | For 1D/1K/1N/1P/1S/1T/1U/1V/1WA/1WD/1WG/1WP/1X/1ZC/1GA/1GC | w/LED for 1D/1E/1F/1N/1Q/1R/1S/1X      | w/LED for 1K/1KB/1KC/1T/1U/1V/1WA/1WD/1WP |
|                                                                                                                                                 |                  |                      |                          |                                                            |                                        |                                           |
| Standard Versions                                                                                                                               |                  |                      |                          |                                                            |                                        |                                           |
| 3ATL6<br>3ATH9                                                                                                                                  | 3ATL600/20/40/80 | 3CTL6/3CTL9<br>3CTH9 | 3ETLXX-H*<br>3ETHXX-H*   | 3FTL6<br>3FTH9                                             | 3FTL600/20/40/60/80/<br>2040/8020/8040 | 3FTL623/45/88                             |
| * 3E available in 6 standard heights: 08.0, 09.5, 10.4, 11.0, 12.0, 15.0 mm. Other heights between 08.0 and 15.0 mm are available upon request. |                  |                      |                          |                                                            |                                        |                                           |
| Specials: Gold contacts, quiet version and actuation force other than 3.0N                                                                      |                  |                      |                          |                                                            |                                        |                                           |

| Surface Mount Versions |              |                          |                                                        | Right Angle Versions |                          |                                                           |                                           |
|------------------------|--------------|--------------------------|--------------------------------------------------------|----------------------|--------------------------|-----------------------------------------------------------|-------------------------------------------|
| 3A                     | 3C           | 3E                       | 3F                                                     | 3C                   | 3E                       | 3F                                                        | 3F w/LED                                  |
| For 1A/1B/1M/1ZA/1ZB   |              | For 3E actuators/Varimec | For 1D/1K/1N/1P/1S/1T/1U/1V/1WA/1WD/1WP/1X/1ZC/1GA/1GC |                      | For 3E actuators/Varimec | For 1D/1K/1N/1P/1S/1T/1U/1V/1W/1WA/1WD/1WP/1X/1ZC/1GA/1GC | For 1D/1E/1F/1N/1Q/1R/1S/1X               |
|                        |              |                          |                                                        |                      |                          |                                                           |                                           |
| Standard Versions      |              |                          |                                                        | Standard Versions    |                          |                                                           |                                           |
| 3ASH9/3ASH9R           | 3CSH9/3CSH9R | 3ESH9/3ESH9R             | 3FSH9/3FSH9R                                           | 3CTL6RAS             | 3ETXX-X.XRAS             | 3FTL6RAS                                                  | 3FTL600/20/40/60/80/<br>2040/8020/8040RAS |

Co-planarity = ≤ 0.05

DIMENSIONS (mm) Unless otherwise specified, all tolerances ± 0.2

multimec® Cross Section



For updates of products and/or changes of specifications please see [www.mec.dk](http://www.mec.dk)

# multimec® 3C/3E

## 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
- actuator:
  - in PPS: -40/+160°C
  - in polycarbonate: -40/+85°C



| Standard 3C               |                  | Variable heights 3E       |                  |
|---------------------------|------------------|---------------------------|------------------|
| Dimensions (through-hole) | Dimensions (SMD) | Dimensions (through-hole) | Dimensions (SMD) |
|                           |                  |                           |                  |
| PCB layout                | PCB layout       | PCB layout                | PCB layout       |
|                           |                  |                           |                  |

## How to order

**3 C**
**Switch**

**Mounting**
**T** through-hole  
**S** surface mount

**L 6** low temp. white  
**L 9** low temp. black  
**H 9** high temp.

**3 E**
**Switch**

**Mounting**
**T** through-hole  
**S** surface mount

**L** low temp.  
**H** high temp.

**9**

 Black  
 Actuator made of PPS

**Standard overall height**
**08.0**
**09.5**
**10.4**
**11.0**
**12.0**
**15.0**

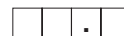
## Custom heights:

 3E is available in any height from 08.0 to 15.0mm.  
 Min. order qty. for custom heights is 2.000 pcs.

**3 E**
**Switch**

**Mounting**
**T** through-hole

**L** low temp.

**20** blue  
**23** grey  
**24** yellow  
**28** red  
**29** black  
 Actuator made of polycarbonate

**Standard overall height**
**08.0**
**09.5**
**10.4**
**11.0**
**12.0**
**15.0**

Switch and 3E actuator can be delivered unassembled.  
 The actuators made of polycarbonate can also be used for high temperature switches,  
 however they must be mounted after soldering and the temp. range will be reduced to 85°C.

**Ordering example:** 3CTL6 and 3ETL9-09.5 or 3ETL23-08.0

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