



# Miniature Pushbutton Switches

## Specifications:

|                        |   |
|------------------------|---|
| Contact rating:        | 250 V AC, 3 A / 125 V AC, 6 A<br>30 V DC, 4 A / 12 V DC, 5 A<br>6 V DC, 6 A   |
| Contact resistance:    | < 20 mΩ   |
| Insulation resistance: | > 1000 MΩ at 500 V DC   |
| Dielectric strength:   | 1500 V, 50 Hz for the duration of 1 minute  |
| Operating temperature: | -45 °C to +140 °C   |
| Mechanical life:       | minimum 30 000 operations   |
| Contacts:              | coin silver (common contact copper alloy, silver-plated)<br>also available gold-plated, version B and G, see page 4 |
| Terminals:             | solder tags, copper alloy silver-plated<br>further terminal versions see page 8                                     |
| Material:              | case: diallyl-phthalate meets UL 94 V-0, black<br>metal parts: nickel-plated  |
| Mounting:              | bushing M 6 x 0,75 with locking plate, key 9 mm   |
| Soldering conditions:  | hand-soldering – max.: 60 W, 3 sec, 420 °C<br>wave-soldering – max.: 5 sec, 270 °C                                  |

## Accessories:

### Buttons

|        | Ø (height 8 mm) |        | Ø (height 10 mm) |        |
|--------|-----------------|--------|------------------|--------|
| orange | 10 mm           | KM 403 | 15 mm            | KM 603 |
| blue   | 10 mm           | KM 404 | 15 mm            | KM 604 |
| black  | 10 mm           | KM 405 | 15 mm            | KM 605 |
| green  | 10 mm           | KM 406 | 15 mm            | KM 606 |
| grey   | 10 mm           | KM 407 | 15 mm            | KM 607 |
| yellow | 10 mm           | KM 408 | 15 mm            | KM 608 |
| red    | 10 mm           | KM 409 | 15 mm            | KM 609 |
| white  | 10 mm           | KM 410 | 15 mm            | KM 610 |



### Knurled nut, nickel-plated

|            |      |       |
|------------|------|-------|
| M 6 x 0,75 | 8 mm | R 675 |
|------------|------|-------|



### Covers

|                          |          |
|--------------------------|----------|
| M 6 x 0,75               |          |
| Brass chromium-plated    | CO 106   |
| Brass black, matt finish | CO 106 S |



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