## Switch-disconnectors

| Switch Type | Thermal Rating | Insulation Voltage, Ui | Rated Operating Current & Power | | | | | | | | | | Short Circuit Protection | Terminal Capacity | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Operational Current, Ie | | | | Operational Power | | | | | | | | | |
| | | | AC-15 | | | AC-21A | AC-3 | | | AC-23A | | | | | | |
| | Open rating Ith | | 110v | 220-240v | 380-415v | 690v | 220-240v, 1 ph. | 220-240v 3, ph. | 380-415v | 220-240v, 1 ph. | 220-240v 3 ph. | 380-415v | Max. fuse gL/gG char. | Single core/ stranded wire. | Flexible wire, with sleeve. | Terminal bolt for Cu bar/lug. |
| | A | V | A | | | | kW | | | | | | A | mm² | mm² | mm |
| **Switch-disconnectors - selection data in accordance with: IEC 60947, IEC 60204, BS EN 60947, BS EN 60204** | | | | | | | | | | | | | | | | |
| CA10Z | 20 | 690 | - | - | - | 20 | 2.2 | 3 | 5.5 | 2.5 | 3.7 | 7.5 | 25 | 2x2.5 | 2x2.5 | - |
| CA20Z | 25 | 690 | - | - | - | 25 | 3 | 4 | 7.5 | 3 | 5.5 | 11 | 35 | 2x4 | 2x2.5 | - |
| CA25Z | 32 | 690 | - | - | - | 32 | 4 | 5.5 | 11 | 4 | 7.5 | 15 | 35 | 2x6 | 2x4 | - |
| C316 | 315 | 1000 | - | - | - | 315 | - | 37 | 55 | - | 75 | 132 | 315 | 185 | 150 | M12 |
| KG10 | 20 | 690 | - | - | - | 20 | 1.1 | 2.2 | 3.7 | 1.5 | 3 | 5.5 | 20 | 2.5 | 1.5 | - |
| KG20 | 25 | 690 | - | - | - | 25 | 1.5 | 4 | 5.5 | 2.2 | 5.5 | 7.5 | 35 | 6 | 4 | - |
| KG32 | 32 | 690 | - | - | - | 32 | 2.2 | 5.5 | 7.5 | 3 | 5.5 | 11 | 35 | 6 | 4 | - |
| KG41 | 40 | 690 | - | - | - | 40 | 3 | 7.5 | 11 | 4 | 7.5 | 15 | 50 | 16 | 10 | - |
| KG64 | 63 | 690 | - | - | - | 63 | 4 | 11 | 18.5 | 5.5 | 11 | 22 | 63 | 16 | 10 | - |
| KG80 | 80 | 690 | - | - | - | 80 | 7.5 | 15 | 22 | 10 | 18.5 | 30 | 80 | 35(50)[2] | 25(35)[2] | - |
| KG100 | 100 | 690 | - | - | - | 100 | 8.5 | 18.5 | 30 | 11 | 22 | 37 | 100 | 35(50)[2] | 25(35)[2] | - |
| KG105 | 125 | 690 | - | - | - | 125 | - | 22 | 37 | - | 25 | 45 | 125 | 50 | 35 | - |
| KG125 | 125 | 1000[1] | - | - | - | 125 | - | 22 | 37 | - | 30 | 45 | 125 | 95 | 70 | - |
| KG160 | 160 | 1000[1] | - | - | - | 160 | - | 30 | 45 | - | 30 | 55 | 160 | 95 | 70 | - |
| KG210 | 200 | 1000[1] | - | - | - | 200 | - | 37 | 55 | - | 37 | 75 | 200 | 185 | 120 | - |
| KG250 | 250 | 1000[1] | - | - | - | 250 | - | 37 | 55 | - | 37 | 90 | 250 | 185 | 120 | - |
| KG315 | 315 | 1000[1] | - | - | - | 315 | - | 45 | 75 | - | 55 | 110 | 315 | 185 | 120 | - |
| KH16 | 16 | 800[1] | - | - | - | 16 | 1.5 | 3 | 5.5 | 2 | 4.5 | 7.5 | 25 | 6 | 4 | - |
| KH20 | 20 | 800[1] | - | - | - | 20 | 2 | 3.5 | 6.5 | 2.5 | 5.5 | 10 | 32 | 6 | 4 | - |
| KH25 | 25 | 800[1] | - | - | - | 25 | 2.5 | 4 | 7.5 | 3.3 | 7 | 12 | 35 | 6 | 4 | - |
| KH32 | 32 | 800[1] | - | - | - | 32 | 3 | 5.5 | 11 | 4.2 | 9 | 16 | 35 | 10 | 6 | - |
| KH40 | 40 | 800[1] | - | - | - | 40 | 4.5 | 7.5 | 15 | 5.5 | 11 | 20 | 50 | 10 | 6 | - |
| KH63 | 63 | 1000[1] | - | - | - | 63 | 7.5 | 11 | 22 | 8.5 | 18.5 | 30 | 80 | 35 | 25 | - |
| KH80 | 80 | 1000[1] | - | - | - | 80 | 10 | 15 | 30 | 11 | 23 | 40 | 100 | 35 | 25 | - |
| KH85 | 100 | 1000[1] | - | - | - | 100 | 10 | - | - | 11 | - | - | 100 | 35 | 25 | - |
| **Auxiliary contacts - selection data in accordance with: IEC 60947, BS EN 60947.** | | | | | | | | | | | | | | | | |
| C316 | 16 | 690 | 6 | 6 | 4 | 16 | - | - | - | - | - | - | 16 | 4 | 2.5 | - |
| KG10 | 20 | 690 | 6 | 6 | 4 | 20 | - | - | - | - | - | - | 20 | 2.5 | 2.5 | - |
| KG20 & KG32 | 10 | 500 | 2.5 | 2.5 | 1.5 | 10 | - | - | - | - | - | - | 10 | 1.5 | 1.5 | - |
| KG41 - KG105 | 16 | 690 | 6 | 6 | 3 | 16 | - | - | - | - | - | - | 16 | 2.5 | 2.5 | - |
| KG125 - KG315 | 16 | 690 | 6 | 6 | 3 | 16 | - | - | - | - | - | - | 16 | 2.5 | 2.5 | - |
| KH16 - KH85 | 10 | 440 | 2.5 | 2.5 | 1.5 | 10 | - | - | - | - | - | - | 10 | 1.5 | 1.5 | - |

### Switch Selection – Common Rating Data and Utilization Categories

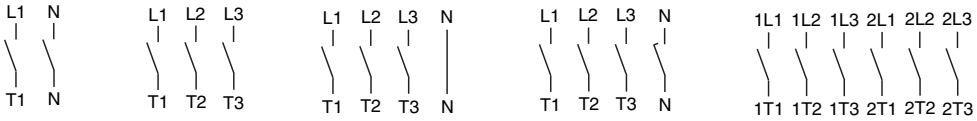
| Switch Rating or Utilization Category | Description |
|---|---|
| Rated insulation voltage, $U_i$ | Maximum value of operational voltage |
| Thermal current, $I_{th}$ | Maximum value of current that the switch can carry (not switch) when mounted in free air<br>Max. ambient air temperature for stated value:- C switches : +55°c average over 24 hours with peaks up to 60°c<br>KG/KH switches : +50°c average over 24 hours with peaks up to 55°c |
| AC-3 | For the selection of switches used for starting off squirrel cage motors and switching off during running |
| AC-15 | For selection of switches to be used for the control of an a.c. electromagnetic load, e.g. contactor coils |
| AC-21A | For selection of switches required for switching of resistive loads, including moderate overloads |
| AC-23A | For selection of switches required for switching motor loads or other highly inductive loads<br>Normal selection criteria for emergency-off switches for motors and switches used for safety isolation of motors (switch-disconnectors) such as Off/On, main or main/emergency-off switches. |

**Notes:** **1) Only valid for no-load switching (AC-20A) above 690v.** **2) Values in ( ) are for 4 pole switches.**

# Connection Diagrams

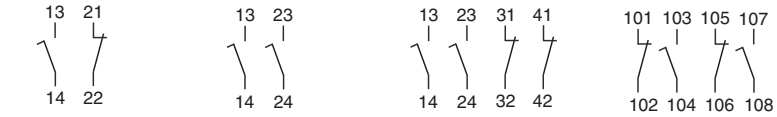
## Off - On

**Main Contacts**




**2 pole KG10** | **3 pole** | **3 pole + N link** | **4 pole** | **6 pole**

**Auxiliary Contacts**




**1 N.O. + 1 N.C.** | **2 N.O.** | **2 N.O. + 2 N.C. KG125 - KG315** | **2 N.O. + 2 N.C. C316 switch**

## Off - On with Power Failure Release

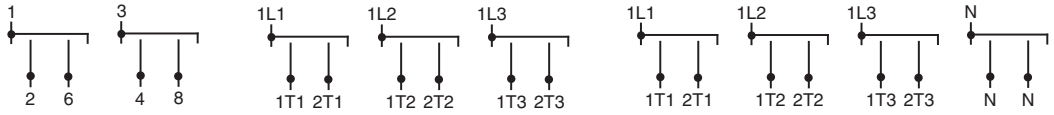
**Main Contacts**




**3 pole** | **4 pole**

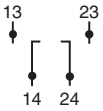
## Changeover with Centre Off

**Main Contacts**




**2 pole** | **3 pole** | **4 pole**

**Auxiliary Contacts**




**2 contacts (1 closed in each On position)**

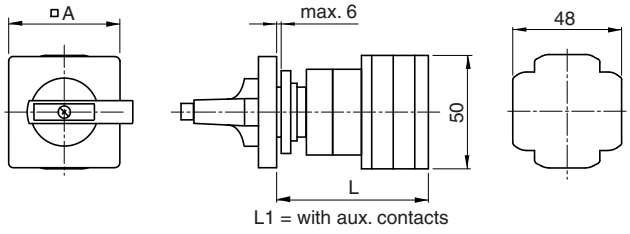
## Side Mounting Auxiliary Contacts

| | Fitted on LH side | Fitted on RH side | Fitted on LH side | Fitted on RH side |
|---|---|---|---|---|
| **For 'E' mounting (Front mounting switches)** | 33 41 / 34 42 | 53 61 / 54 62 | 013 023 031 / 014 024 032 | 043 053 061 / 044 054 062 |
| **For 'VE' mounting (Base mounting switches)** | 31 43 / 32 44 | 51 63 / 52 64 | 011 023 033 / 012 024 034 | 041 053 063 / 042 054 064 |
| | **H010/A11-. & H010/11A-.** | | **H010/A21-.** | |

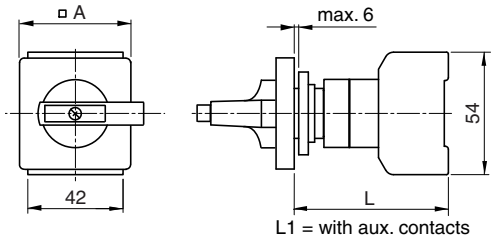
# KG Main / Emergency-Off Switches

## Front Panel Mounting - Single Hole Fixing

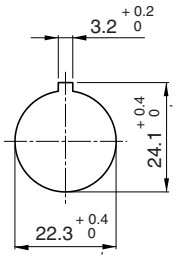
### KG10 - 2 & 3 Pole




### KG20 & KG32 - 3 Pole



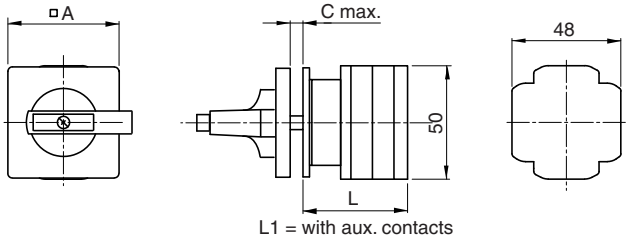

### Mounting Hole



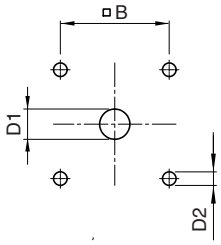

| | A | L 2 Pole | L 3 Pole | L1 3 Pole |
|---|---|---|---|---|
| KG10A | 48 | 57.4 | 66.9 | 76.4 |
| KG10B | 64 | - | 66.9 | 76.4 |
| KG20A, KG32A | 48 | - | 68.3 | 77.3 |
| KG20B, KG32B | 64 | - | 68.3 | 77.3 |

## Front Panel Mounting - 4 Hole Fixing

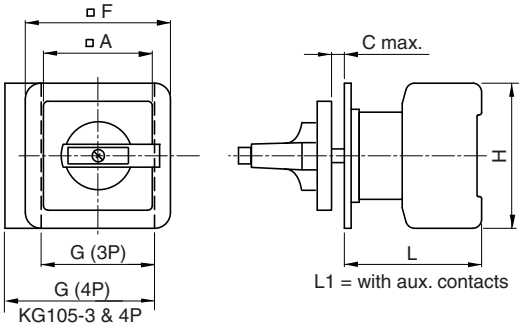
### KG10 - 2, 3 & 4 Pole



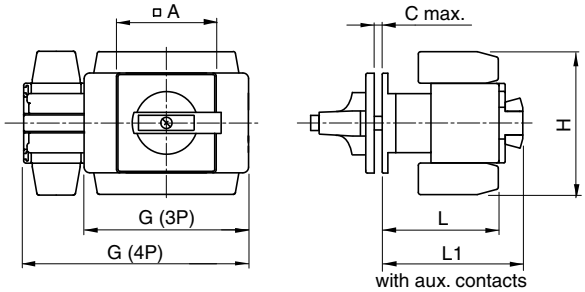

### Mounting Holes




### KG20 to KG105 - 3 & 4 Pole




### KG125 to KG315 - 3 & 4 Pole




| | A | B | C | D1 | D2 | F |
|---|---|---|---|---|---|---|
| KG10A | 48 | 36 | 4 | 11 - 15 | 5 | - |
| KG10B | 64 | 48 | 4 | 11 - 15 | 5 | 64 |
| KG20A, KG32A | 48 | 36 | 4 | 10 - 15 | 5 | 48 |
| KG20B, KG32B | 64 | 48 | 4 | 10 - 15 | 5 | 64 |
| KG41B, KG64B | 64 | 48 | 4 | 10 - 15 | 5 | 64 |
| KG80, KG100, KG105 | 64 | 48 | 4 | 10 - 15 | 5 | 88 |
| KG125, KG160 | 88 | 68 | 5.5 | 13 - 17 | 6 | - |
| KG210, KG250, KG315 | 88 | 68 | 5.5 | 13 - 17 | 6 | - |

| | G 3 Pole | G 4 Pole | H | L | L1 |
|---|---|---|---|---|---|
| KG10A - 2 pole | - | - | - | 38.7 | - |
| KG10A - 3/4 pole | - | - | - | 48.2 | 58.7 |
| KG10B | - | - | - | 57.2 | 66.7 |
| KG20A, KG32A | 42 | 55.5 | 54 | 53.8 | 62.8 |
| KG20B, KG32B | 42 | 55.5 | 54 | 53.8 | 62.8 |
| KG41B, KG64B | 50 | 66 | 64 | 60.5 | 70.5 |
| KG80, KG100 | 70 | 92 | 80 | 70.6 | 80.6 |
| KG105 | 92 | 92 | 80 | 70.6 | 80.6 |
| KG125, KG160 | 112 | 150 | 108 | 96 | 117 |
| KG210, KG250, KG315 | 145 | 197.5 | 126 | 103 | 124 |

'H' dimension does not include the terminal covers. To obtain the dimension across the terminal cover(s) add the following to dimension 'H'.

KG80/100/105: add 26 mm on side that cover is fitted.

KG125/160: add 22.5 mm on side that cover is fitted

KG210/250/315: add 50 mm to 'H' dimension

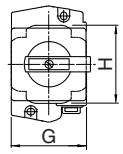
Factory fitted auxiliary contacts are integral with the main switch body – they are not side mounting type.

# KG Main / Emergency-Off Switches

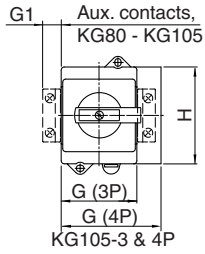
## Base Mounting with Door Interlock

### 3, 3 + N & 4 Pole - plan view

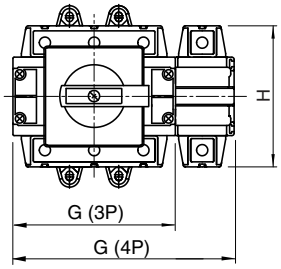
**KG10**




**KG20 to KG105**

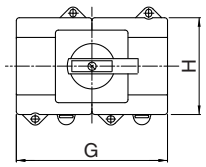



**KG125 to KG315**

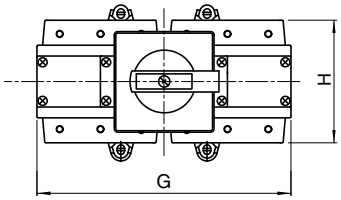



### 6 Pole - plan view

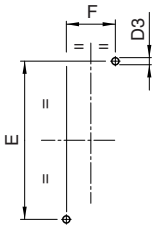
**KG20 to KG100**

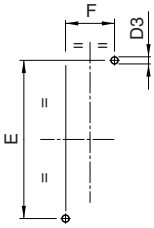


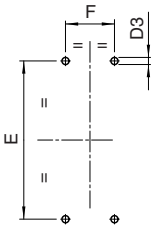

**KG125 to KG160**



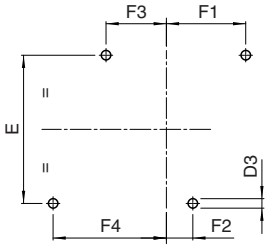

### Base Mounting Holes

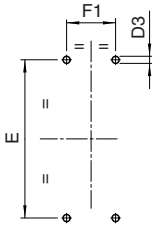



### Base Mounting Holes




| | D3 | E | F | F1 | F2 | F3 | F4 | G 3 Pole | G 3 Pole+N | G 4 Pole | G 6 Pole | G1 | H |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KG10A & B | 5 | 60 | 22 | - | - | - | - | 48 | - | 48 | - | - | 50 |
| KG20A & B, KG32A & B | 5 | 60 | 22 | 32 | 10 | 10 | 32 | 42 | - | 55.5 | 84 | - | 54 |
| KG41B, KG64B | 5 | 70 | 25 | 37.5 | 12.5 | 12.5 | 37.5 | 50 | - | 66 | 100 | - | 64 |
| KG80, KG100 | 6 | 90 | 25 | 47.5 | 22.5 | 22.5 | 47.5 | 70 | 92 | 92 | 140 | 12.2 | 80 |
| KG105 | 6 | 90 | 25 | - | - | - | - | 92 | 92 | 92 | - | 12.2 | 80 |
| KG125, KG160 | 6.4 | 120 | 36 | 76 | - | - | - | 112 | - | 150 | 224 | - | 108 |
| KG210, KG250, KG315 | 6.4 | 142 | 44 | - | - | - | - | 145 | - | 187.5 | - | - | 126 |

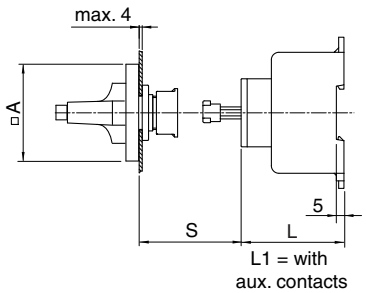
'H' dimension does not include the terminal covers. To obtain the dimension across the terminal cover(s) add the following to dimension 'H'.

KG80/100/105: add 26 mm on side that cover is fitted.
KG125/160: add 22.5 mm on side that cover is fitted
KG210/250/315: add 50 mm to 'H' dimension

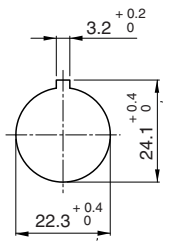
Factory fitted auxiliary contacts are integral with the main switch body – they are not side mounting type.

### Door Interlock, Single Hole Fixing. 3, 3+N, 4 & 6 Pole Switches - side view

**KG10 to KG105**




**Handle Mounting Hole**



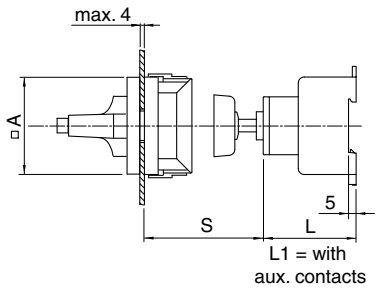

| | A | L 3/4 Pole | L1 3/4 Pole | S 3/4 Pole | L 6 Pole | L1 6 Pole | S 6 Pole |
|---|---|---|---|---|---|---|---|
| KG10A | 48 | 49.2 | 58.7 | 31-191 | - | - | - |
| KG20A, KG32A | 48 | 50 | 59 | 31-196 | - | - | - |
| KG20B, KG32B | 64 | - | - | - | 57.5 | 66.5 | 31-199 |
| KG41B, KG64B | 64 | 61 | 71 | 31-192 | 67 | 77 | 31-193 |
| KG80, KG100, KG105 | 64 | 68 | 78 | 32-189 | 79.2 | 89.2 | 32-189 |

Dimensions for KG100 & KG105 with 3 poles + solid neutral are the same as for 4 pole switch.

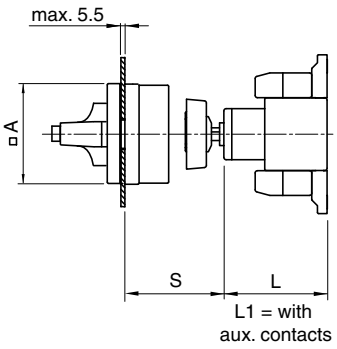
## Base Mounting with Door Interlock, Continued.

### Door Interlock, 4 Hole Fixing. 3, 4 & 6 Pole Switches - side view.

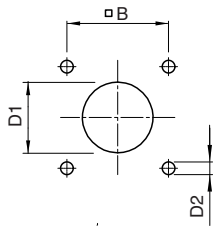
**KG10 to KG105**




**KG125 to KG315**



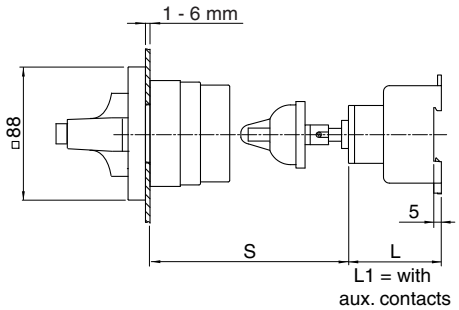

**Handle Mounting Holes**



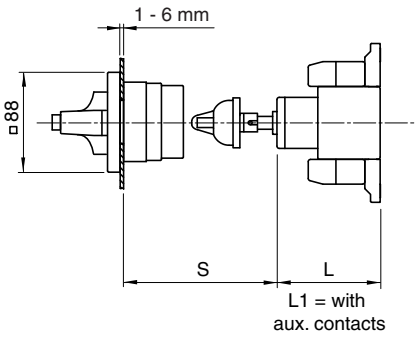

| | A | B | D1 | D2 | L 3/4 Pole | L1 3/4 Pole | S 3/4 Pole | L 6 Pole | L1 6 Pole | S 6 Pole |
|---|---|---|---|---|---|---|---|---|---|---|
| KG10B | 64 | 48 | 19 - 22 | 5 | 56.2 | 65.7 | 38-117 | - | - | - |
| KG20B, KG32B | 64 | 48 | 19 - 22 | 5 | 50 | 59 | 37-122 | 57.5 | 66.5 | 37-125 |
| KG41B, KG64B | 64 | 48 | 19 - 22 | 5 | 61 | 71 | 35-130 | 67 | 77 | 35-131 |
| KG80, KG100, KG105 | 64 | 48 | 19 - 22 | 5 | 68 | 78 | 36-127 | 79.2 | 89.2 | 36-127 |
| KG125, KG160 | 88 | 68 | 26 - 30 | 6 | 91 | 91 | 45-306 | 93 | 93 | 45-306 |
| KG210, KG250, KG315 | 88 | 68 | 26 - 30 | 6 | 98 | 98 | 45-306 | - | - | - |

### Defeatable Door Interlock, 4 Hole Fixing. 3, 4 & 6 Pole Switches - side view.

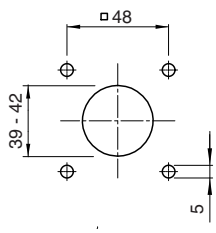
**KG41 to KG105**




**KG125 to KG315**




**Handle Mounting Holes**

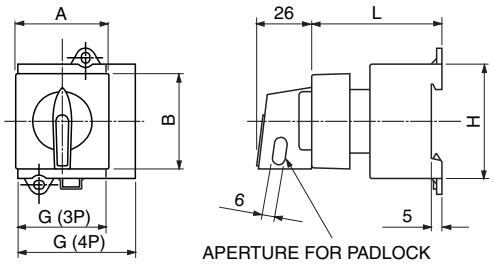



| | L 3/4 Pole | L1 3/4 Pole | S 3/4 Pole | L 6 Pole | L1 6 Pole | S 6 Pole |
|---|---|---|---|---|---|---|
| KG41B, KG64B | 61 | 71 | 72-224 | 67 | 77 | 72-225 |
| KG80, KG100, KG105 | 68 | 78 | 73-221 | 79.2 | 89.2 | 73-221 |
| KG125, KG160 | 91 | 91 | 83-336 | 93 | 93 | 83-336 |
| KG210, KG250, KG315 | 98 | 98 | 83-336 | - | - | - |

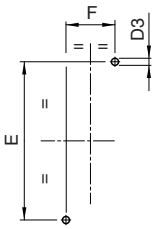
# KG Main Switches

## Base Mounting - For 45 mm Installation Cut-Out

### KG20 to 100 - 3 & 4 Pole




### Mounting Holes



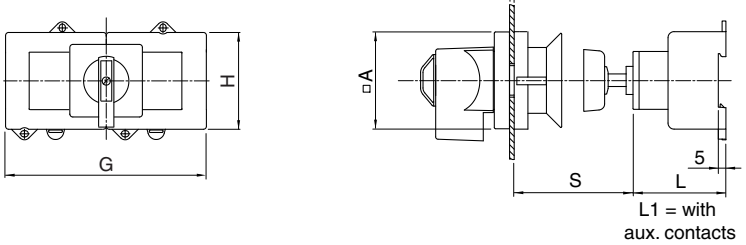

| | A | B | D3 | E | F |
|---|---|---|---|---|---|
| KG20A, KG32A | 43.7 | 45.4 | 5 | 60 | 22 |
| KG41B, KG64B | 52.4 | 45.4 | 5 | 70 | 25 |
| KG80, KG100 | 70 | 45 | 6 | 90 | 25 |

| | G 3 Pole | G 4 Pole | H | L |
|---|---|---|---|---|
| KG20A, KG32A | 42 | 55.5 | 54 | 61.5 |
| KG41B, KG64B | 50 | 66 | 64 | 61.5 |
| KG80, KG100 | 70 | 92 | 80 | 70 |

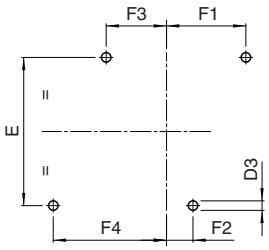
# KG Changeover Switches

## Base Mounting with Door Interlock, 4 Hole Fixing

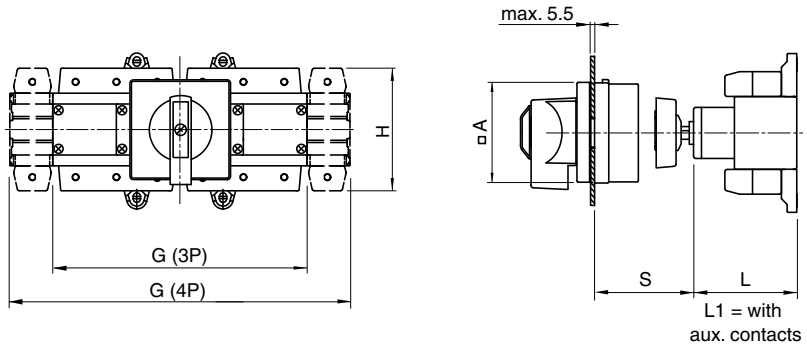
### KG20 to KG100 - 3 & 4 Pole



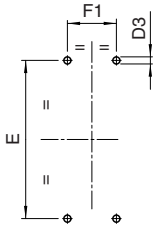

### Base Mounting Holes



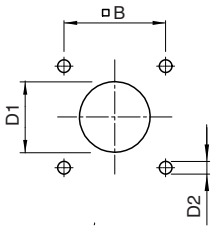

### KG125 to KG160 - 3 & 4 Pole




### Base Mounting Holes




### Handle Mounting Holes




| | A | B | D1 | D2 | D3 | E | F1 | F2 | F3 3 Pole |
|---|---|---|---|---|---|---|---|---|---|
| KG20B, KG32B | 64 | 48 | 19 - 22 | 5 | 5 | 60 | 32 | 10 | 10 |
| KG41B, KG64B | 64 | 48 | 19 - 22 | 5 | 5 | 70 | 37.5 | 12.5 | 12.5 |
| KG80, KG100 | 88 | 48 | 19 - 22 | 5 | 6 | 90 | 47.5 | 22.5 | 22.5 |
| KG105 | 88 | 48 | 19 - 22 | 5 | 6 | 90 | 47.5 | 22.5 | - |
| KG125, KG160 | 88 | 68 | 26 - 30 | 6 | 6.4 | 120 | 76 | - | - |

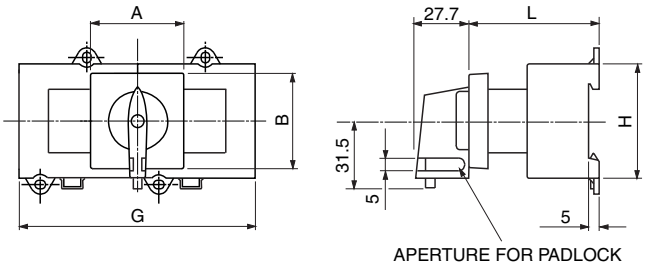
| | F4 3 Pole | F3 4 Pole | F4 4 Pole | G 3 Pole | G 4 Pole | H | L | L1 | S |
|---|---|---|---|---|---|---|---|---|---|
| KG20B, KG32B | 32 | 23.5 | 45.5 | 84 | 111 | 54 | 57.5 | 66.5 | 37-125 |
| KG41B, KG64B | 37.5 | 28.5 | 53.5 | 100 | 132 | 64 | 67 | 77 | 35-131 |
| KG80, KG100 | 47.5 | 44.5 | 69.5 | 140 | 184 | 80 | 79.2 | 89.2 | 36-127 |
| KG105 | - | 44.5 | 69.5 | - | 184 | 80 | 79.2 | 89.2 | 36-127 |
| KG125, KG160 | - | - | - | 224 | 300 | 108 | 93 | 93 | 45-196 |

Factory fitted auxiliary contacts are integral with the main switch body – they are not side mounting type.

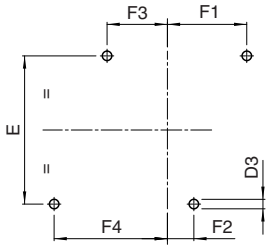
# KG Changeover Switches

## Base Mounting - For 45 mm Installation Cut - Out

**KG41 to KG105 - 4 Pole**



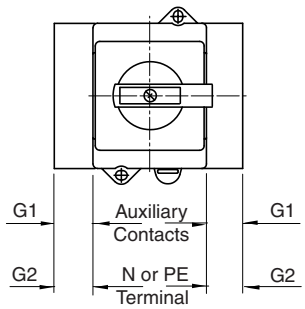

**Mounting Holes**




| | A | B | D3 | E | F1 | F2 | F3 | F4 | G | H | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KG41B, KG64B | 52.4 | 45.4 | 5 | 70 | 37.5 | 12.5 | 28.5 | 53.5 | 132 | 64 | 67.5 |
| KG80, KG100, KG10570 | 70 | 45 | 6 | 90 | 47.5 | 22.5 | 44.5 | 69.5 | 184 | 80 | 81.2 |

# KG Switch Options

## Side Mounting Modules.

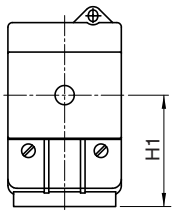



| | G1 | G2 |
|---|---|---|
| KG20A & B, KG32A & B | 10 | 13.5 |
| KG41B, KG64B | 11 | 16 |
| KG80, KG100, KG105 | 11 | 22 |
| KG125, KG160 | 14 | 38 |
| KG210, KG250, KG315 | 14 | 52.5 |

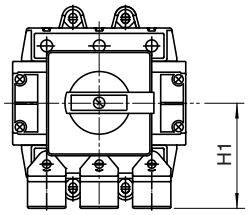
**Note:**
KG125 to KG315 4 pole switches cannot have additional modules fitted on the side adjacent to the 4th pole (switched neutral).

## Terminal Covers.

**KG10 to KG105**




**KG125 to KG315**

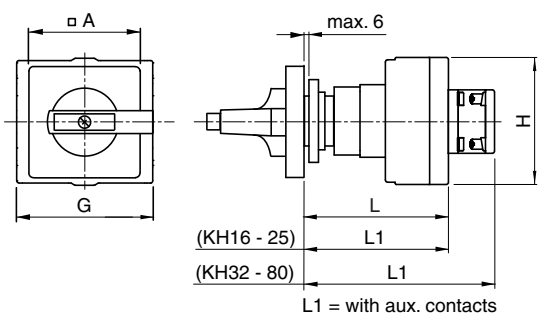



| | H1 |
|---|---|
| KG10A & B | 32 |
| KG20A & B, KG32A & B | 47 |
| KG41B, KG64B | 49 |
| KG80, KG100, KG105 | 66 |
| KG125, KG160 | 76.2 |
| KG210, KG250, KG315 | 88 |

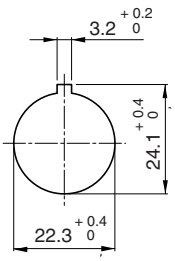
# KH Main/Emergency-Off Switches

## Front Panel Mounting - Single Hole Fixing

**KH16 to KH80 - 3 Pole+N & 4 Pole**




**Mounting Hole Details**




| | A | G | H | L | L1 |
|---|---|---|---|---|---|
| KH16, KH20, KH25 | 48 | 60 | 56 | 63.5 | 72.5 |
| KH32, KH40 | 64 | 70 | 62 | 68.7 | 89.2 |
| KH63, KH80 | 64 | 86 | 90 | 77.1 | 95.6 |

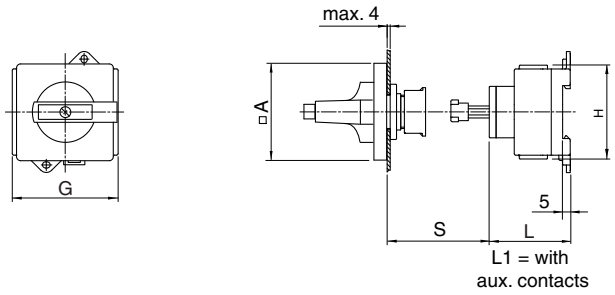
'H' dimension for KH63/80 does not include the terminal cover. To obtain the dimension across the terminal cover(s) add 23.5 mm on side that cover is fitted.

Factory fitted auxiliary contacts are integral with the main switch body – they are not side mounting type.

# KH Main/Emergency-Off Switches

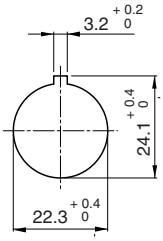
## Base Mounting With Door Interlock, Single Hole Fixing

**KH16 to KH80 - 3 Pole+N & 4 Pole**

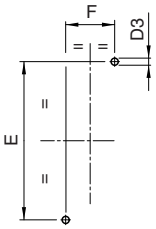



**Mounting Holes**

**Handle**




**Base**



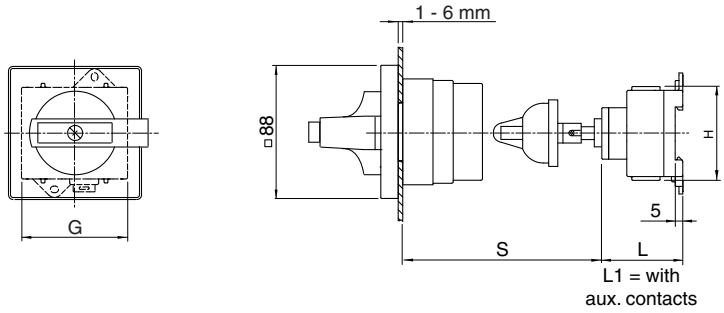

| | A | D3 | E | F | G | H | L | L1 | S |
|---|---|---|---|---|---|---|---|---|---|
| KH16, KH20, KH25 | 48 | 5 | 60 | 22 | 60 | 56 | 47 | 56 | 31-196 |
| KH32, KH40 | 64 | 5 | 70 | 25 | 70 | 62 | 53.5 | 53.5 | 35-194 |
| KH63, KH80 | 64 | 6 | 90 | 25 | 86 | 90 | 59.5 | 59.5 | 35-194 |

'H' dimension for KH63/80 does not include the terminal cover. To obtain the dimension across the terminal cover(s) add 23.5 mm on side that cover is fitted.

Factory fitted auxiliary contacts are integral with the main switch body – they are not side mounting type.

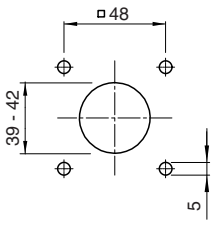
## Base Mounting With Defeatable Door Interlock, 4 Hole Fixing

**KH32 to KH80 - 4 Pole**

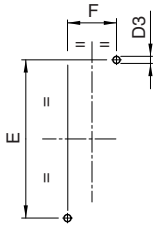



**Mounting Holes**

**Handle**




**Base**




| | D3 | E | F | G | H | L | L1 | S |
|---|---|---|---|---|---|---|---|---|
| KH32, KH40 | 5 | 70 | 25 | 70 | 62 | 53.5 | 53.5 | 76-226 |
| KH63, KH80 | 6 | 90 | 25 | 86 | 90 | 59.5 | 59.5 | 76-226 |

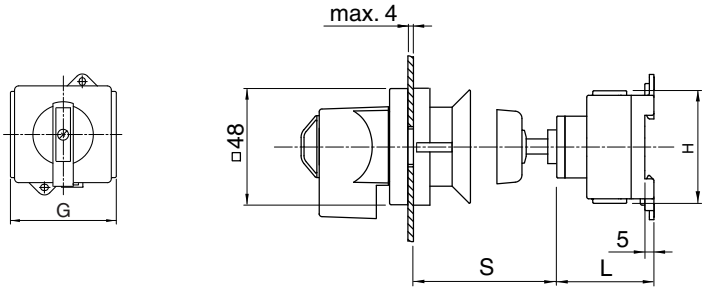
'H' dimension for KH63/80 does not include the terminal cover. To obtain the dimension across the terminal cover(s) add 23.5 mm on side that cover is fitted.

Factory fitted auxiliary contacts are integral with the main switch body – they are not side mounting type.

# KH Changeover Switches

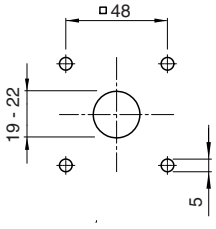
## Base Mounting With Door Interlock, 4 Hole Fixing

**KH16 to KH85 - 2 Pole**

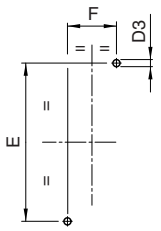



**Mounting Holes**

**Handle**




**Base**



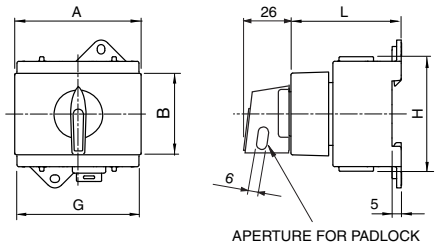

| | D3 | E | F | G | H | L | S |
|---|---|---|---|---|---|---|---|
| KH16, KH20, KH25 | 5 | 60 | 22 | 60 | 56 | 47 | 37-122 |
| KH32, KH40 | 5 | 70 | 25 | 70 | 62 | 53.5 | 39-132 |
| KH63, KH80, KH85 | 6 | 90 | 25 | 86 | 90 | 59.5 | 39-132 |

'H' dimension for KH63/80 does not include the terminal cover. To obtain the dimension across the terminal cover(s) add 23.5 mm on side that cover is fitted.

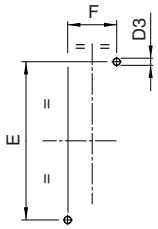
## KH Changeover Switches

### Base Mounting - For 45 mm Installation Cut-Out

**KH16 to KH85 - 2 Pole**




**Mounting Holes**

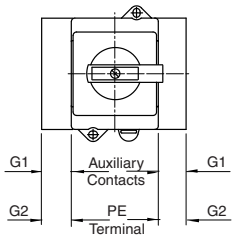



| | A | B | D3 | E |
|---|---|---|---|---|
| KH16, KH20, KH25 | 43.7 | 45.4 | 5 | 60 |
| KH32, KH40 | 70.4 | 45.4 | 5 | 70 |
| KH63, KH80, KH85 | 70.4 | 45.4 | 6 | 90 |

| | F | G | H | L |
|---|---|---|---|---|
| KH16, KH20, KH25 | 22 | 60 | 56 | 58.5 |
| KH32, KH40 | 25 | 70 | 62 | 59.7 |
| KH63, KH80, KH85 | 25 | 86 | 90 | 66.7 |

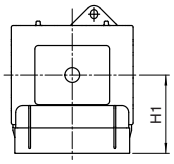
## KH Switch Options

### Side Mounting Modules




| | G1 | G2 |
|---|---|---|
| KH16, KH20, KH25 | 10 | 13.5 |
| KH32, KH40 | 10 | 13.5 |
| KH63, KH80, KH85 | 10 | 20 |

### Terminal Covers.

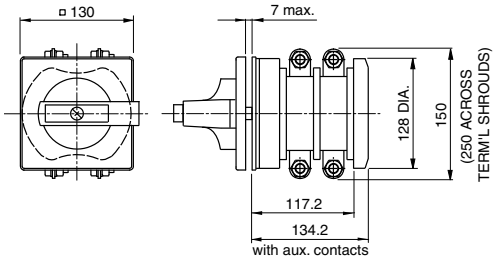



| | H1 |
|---|---|
| KH32, KH40 | 45 |
| KH63, KH80, KH85 | 68.5 |

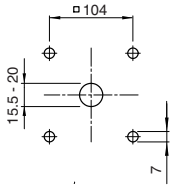
## C & CA Main/Emergency - Off Switches

### Front Panel Mounting - 4 Hole Fixing

**C316 - 3 & 4 Pole**

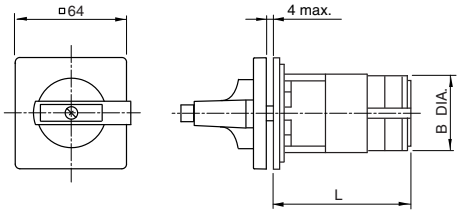



**Mounting Holes**

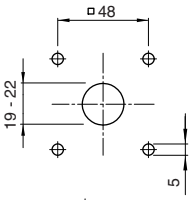



### Front Panel Mounting, With Power Failure Release - 4 Hole Fixing

**CA10Z to CA25Z - 3 & 4 Pole**



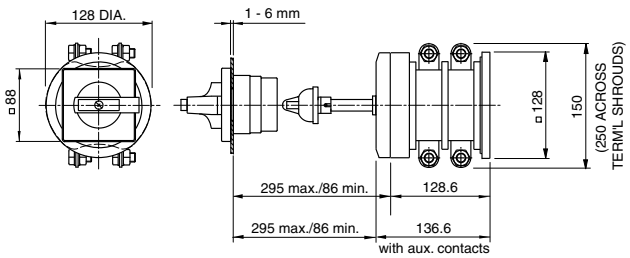

**Mounting Holes**




| | B | L |
|---|---|---|
| CA10Z | 43 | 78.7 |
| CA20Z | 45 | 86.1 |
| CA25Z | 48 | 88.7 |

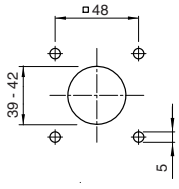
### Base Mounting, With Defeatable Door Interlock - 4 Hole Fixing

**C316 - 3 & 4 Pole**




**Mounting Holes**

**Handle**




**Base**

