

emas<sup>®</sup>



# CONTROL BOXES P SERIES

## P Series (IP65 With Suitable Buttons, Plastic Enclosed)



P1C300M72H



P1C400DK



P1C300M72



P1C400M72



P1C300DY



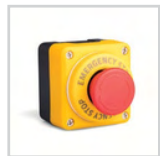
P1C304MK



P1C304DK



P1B0S



P1EC400E40



P1EC400E40K



P1EC400E40L



P1EB0S



P2B0S



P44C

| Code               | Button Qty | Features   | Box Colour          | Box / Pcs |
|--------------------|------------|--|---------------------|-----------|
| P1C300M72H         | 1          | C Series 72 mm Black Mushroom Button + C3CK (NO) C Series 72 mm Red  | Grey-Black          | 1         |
| P1C400M72          | 1          | Mushroom Button + C4CK (NC) C Series 72 mm Red Mushroom Button +   | Grey-Black          | 1         |
| P1C300M72          | 1          | C3CK (NO)  | Grey-Black          | 1         |
| <b>P1C400E72</b>   | <b>1</b>   | <b>C Series 72 mm Turn to Release Red Emergency Stop Button + C4CK (NC)</b>                                    | <b>Grey-Black</b>   | <b>1</b>  |
| P1C300DY           | 1          | B Series Flush Green Button + C3BK (NO)  | Black-Grey          | 1         |
| P1C400DK           | 1          | B Series Flush Red Button + C4BK (NC)  | Black-Grey          | 1         |
| P1C304DK           | 1          | B Series Flush Red Button + C3CK (NO)  | Black-Grey          | 1         |
| P1C304MK           | 1          | B Series 40 mm Red Mushroom Button + C3BK (NO) + C4BK (NC)   | Black-Grey          | 1         |
| <b>P1EC400E40</b>  | <b>1</b>   | <b>B Series 40 mm Turn to Release Red Emergency Stop Button + C4BK (NC)</b>                                    | <b>Black-Grey</b>   | <b>1</b>  |
| <b>P1EC400E40K</b> | <b>1</b>   | <b>B Series 40 mm Turn to Release Red Emergency Stop Button + C4BK (NC)+ BET60LED2</b>                         | <b>Yellow-Black</b> | <b>1</b>  |
| <b>P1EC400E40L</b> | <b>1</b>   | <b>B Series 40 mm Turn to Release Red Emergency Button + C4BK (NC) + BET60LED2</b>                             | <b>Yellow-Black</b> | <b>1</b>  |
| P2AB               | 2          | B Series Flush (Green +Red) Buttons + C3BK (NO) + C4BK (NC)  | Black-Grey          | 1         |
| P2ABE30            | 2          | B Series 30 mm Turn to Release Red Emergency + Flush Green Buttons + C3BK (NO)+ C4BK (NC)                      | Black-Grey          | 1         |
| P2CC               | 2          | B Series Flush (Green + Red ) Buttons + 2*C3BK (NO) + 2* C4BK (NC)   | Black-Grey          | 1         |
| P2CCM              | 2          | B Series 40 mm Red Mushroom + Flush Green Buttons + 2*C3BK (NO) + 2* C4BK (NC)                                 | Black-Grey          | 1         |
| P3C1A2BE30         | 3          | B Series 30 mm Turn to Release Red Emergency + Flush (Red + Green) Buttons + C3BK (NO) + 2*C4BK (NC)           | Yellow-Grey         | 1         |
| P43A1B             | 4          | B Series Flush (Red + Blue + Yellow + Green) Buttons+ 3*C3BK (NO) + C4BK (NC)                                  | Black-Grey          | 1         |
| P43A1BE30          | 4          | B Series 30 mm Turn to Release Red Emergency Stop + Flush (Red+Yellow+Green) Buttons + 3*C3BK (NO) + C4BK (NC) | Black-Grey          | 1         |
| P44C               | 4          | B Series Flush (Red + Blue + Yellow + Green) Buttons + 4*C3BK (NO) + 4*C4BK (NC)                               | Black-Grey          | 1         |
| P1B0S              | 1          | Empty Box / W:68mm L:72mm H:52mm   | Black-Grey          | 1         |
| P1EB0S             | 1          | Empty Box / W:68mm L:72mm H:52mm   | Yellow-Black        | 1         |
| P2B0S              | 2          | Empty Box / W:68mm L:102mm H:52mm  | Black-Grey          | 1         |
| P3B0S              | 3          | Empty Box / W:68mm L:132mm H:52mm  | Black-Grey          | 1         |
| P4B0S              | 4          | Empty Box / W:68mm L:162mm H:52mm  | Black-Grey          | 1         |
| P6B0S              | 6          | Empty Box / W:68mm L:230mm H:52mm  | Black-Grey          | 1         |

NOTE:Contact blocks are mounted onto the base of the control box.



P2B0S



P44C



P2AB



P2ABE30



P2CCM



P2CC



P3B0S



P3C1A2BE30



P43A1BE30



P4B0S



P43A1B



P6B0S



M1C200E40



M1C200EE



M1CBOS



PY1BOS



PY3BOS



PY2AB



PY2BOS

## M Series (IP65 with Suitable Buttons, Metal Enclosed)

| Code      | Button Qty | Features   | Box Colour  | Box / Pcs |
|-----------|------------|--|-------------|-----------|
| M1C200E40 | 1          | CP Series Plastic 40 mm Turn to Release Red Emergency Stop Button + C2 (1NC) | Yellow-Grey | 1         |
| M1C200EE  | 1          | CP Series Plastic 40 mm Turn to Release Red Emergency Stop Button + C2 (1NC) | Yellow-Grey | 1         |
| M1CBOS    | 1          | Empty Box / W:68mm L:72mm H:57/85mm  | Yellow-Grey | 1         |

## PY Series (IP65 with available Push Buttons)

| Code   | Button Qty | Features   | Box Colour | Box / Pcs |
|--------|------------|--|------------|-----------|
| PY1BOS | 1          | Empty Box / W:68mm L:72mm H:60mm   | Grey-Black | 1         |
| PY2BOS | 2          | Empty Box / W:68mm L:107mm H:60mm  | Grey-Black | 1         |
| PY3BOS | 3          | Empty Box / W:68mm L:142mm H:60mm  | Grey-Black | 1         |
| PY4BOS | 4          | Empty Box / W:68mm L:177mm H:60mm  | Grey-Black | 1         |
| PY6BOS | 6          | Empty Box / W:68mm L:247mm H:60mm  | Grey-Black | 1         |
| PY2AB  | 2          | B Series Plastic Flush Red Button +1NC + CP Series Plastic 40 mm Turn to Release Red Emergency Button +1NC | Grey-Black | 1         |

Note: Use Selection Table for your P, PY and M Boxes Special orders. Your special orders will be delivered as individual components if the quantity is less than 50 pcs.



PY4BOS



PY6BOS



PK1M



PK1SE



PK2



PK3



PK31S



PK4

## PK Series (IP65 with available Push Buttons)

| Code   | Button Qty | Features   | Box Colour   | Box / Pcs |
|--------|------------|--|--------------|-----------|
| PK1*   | 1          | KB Series Flush Red Button+ KB14K KB Series Red Mushroom Button+                           | Grey-Black   | 1         |
| PK1M*  | 1          | KB14K  | Grey-Black   | 1         |
| PK1SE  | 1          | KB Series Plastic 40 mm Turn to Release Emergency Button 1NO+1NC                           | Yellow-Black | 1         |
| PK2    | 2          | KB Series Flush (Red + Green) Buttons+ 2*KB14K   | Grey-Black   | 1         |
| PK3    | 3          | KB Series Flush (Red + Green + Yellow ) Buttons + 3*KB14K + TIPASOM                        | Grey-Black   | 1         |
| PK31S  | 3          | KB Series Flush ( Red + Green ) Buttons + (S220NK6) 230V AC Red Signal + 2*KB14K + TIPASOM | Grey-Black   | 1         |
| PK4    | 4          | KB Series Flush (Red + Green + Yellow + Blue) Buttons +4*KB14K                             | Grey-Black   | 1         |
| PK5    | 5          | KB Series Flush (Red + Green + Yellow+ Blue + White) Buttons + 5*KB14K + TIPASOM           | Grey-Black   | 6         |
| PK6    | 6          | KB Series Flush (2*Red + Green + Yellow + Blue + White) Buttons + 6*KB14K                  | Grey-Black   | 6         |
| PK1BOS | 1          | Empty Box / W:70mm L:80mm H:60mm   | Grey-Black   | 24        |
| PK2BOS | 2          | Empty Box / W: 70mm L:115mm H:60mm   | Grey-Black   | 18        |
| PK3BOS | 3          | Empty Box / W:70mm L:183mm H:60mm  | Grey-Black   | 12        |
| PK4BOS | 4          | Empty Box / W: 70mm L:183mm H:60mm   | Grey-Black   | 16        |
| PK5BOS | 5          | Empty Box / W:70mm L:260mm H:60mm  | Grey-Black   | 6         |
| PK6BOS | 6          | Empty Box / W:70mm L:260mm H:60mm  | Grey-Black   | 6         |

Note: On PK Series control boxes, only KB Series buttons can be mounted.



PK5



PK6SB2



PK1BOS



PK1Y



PK2BOS



PK3BOS



PK4BOS



PK5BOS



PK6BOS



PK6

## P Type Box Code Combination Table

|    | B BUTTON SERIES |           |         |              | C BUTTON SERIES |          |            |           | MB BUTTON SERIES |          |         |          |                |
|----|-----------------|-----------|---------|--------------|-----------------|----------|------------|-----------|------------------|----------|---------|----------|----------------|
|    | A               | B         | C       | D            | E               | F        | G          | H         | I                | J        | K       | L        | M              |
| 01 | B100DB          | B100S20   | B100E   | B030XB       | CM100DB         | CM100S20 | CM100E     | CM050XB   | MB100DB          | MB100S20 | MB100E  | MBS0024B | 6PRPREU1MAVI   |
| 02 | B100DB1         | B100S21   | B100E30 | B030XK       | CM100DB00       | CM100S21 | CM200E     | CM060XK   | MB100DB00        | MB100S21 | MB102E  | MBS0024K | 6PRPREU1MAVIY  |
| 03 | B100DB2         | B100S30   | B100MH  | B030XM       | CM100DB0Y       | CM101S30 | CM200EG    | CM070XM   | MB100DH          | MB101S30 | MB102MK | MBS0024M | 6PRPREU1HSIYAH |
| 04 | B100DBL         | B100SL20B | B100MK  | B030XS       | CM100DH         | CM101S31 | CM200MK    | CM080XS   | MB100DK          | MB101S31 | MB200E  | MBS0024S | 6PRPRUS1HSIYAH |
| 05 | B100DBOD        | B100SL20H | B100MS  | B030XY       | CM100DH00       | CM101S32 | CM200MY    | CM090XY   | MB100DM          | MB101S32 | MB200MK | MBS0024Y |                |
| 06 | B100DBOY        | B100SL20K | B100MSZ | B050XB       | CM100DK         | CM102S30 | CP100E     | CM080XB   | MB100DS          | MB102S20 | MB200EE | MBS0220B |                |
| 07 | B100DBZ         | B100SL20M | B100MY  | B050XY       | CM100DM         | CM303S30 | CP100M72H  | CM0K0XK   | MB100DY          |          |         | MBS0220K |                |
| 08 | B100DH          | B100SL20S | B102E   | B060XK       | CM100DS         | CP100S20 | CP100MK    | CM0M0XM   | MB100FY          |          |         | MBS0220M |                |
| 09 | B100DHOD        | B100SL20Y | B102E30 | B070XM       | CM100DY         | CP100S21 | CP100MY    | CM0S0XS   | MB100MY          |          |         | MBS0220S |                |
| 10 | B100DHOY        | B100SL21B | B102E60 | B080XS       | CM101DH         | CP100S30 | CP101ES30  | CM0Y0XY   | MB101DH          |          |         | MBS0220Y |                |
| 11 | B100DK          | B100SL21K | B102MH  | B090XY       | CM101DK         | CP100S31 | CP200E     | CM101DJ20 | MB101DK          |          |         | MBS0220K |                |
| 12 | B100DM          | B100SL21Y | B102MK  | B080XB       | CM101DM         | CP100S32 | CP200E30   | CM101DJ21 | MB101DM          |          |         | MBS0220M |                |
| 13 | B100DS          | B100SL30K | B102MY  | B0K0XK       | CM101DS         | CP101S20 | CP200EA30  | CP050XB   | MB101DY          |          |         | MBS024M  |                |
| 14 | B100DSZ         | B101S20   | B200E   | B0M0XM       | CM101DY         | CP101S21 | CP200ECN   | CP060XK   | MB102DB          |          |         | MBS024S  |                |
| 15 | B100DY          | B101S21   | B200E30 | B0S0XS       | CM101K20YYOK    | CP101S30 | CP200ECN30 | CP070XM   | MB102DBOD        |          |         | MBS024Y  |                |
| 16 | B100DY1         | B101S30   | B200E60 | B0Y0XY       | CM102DB         | CP101S31 | CP200ECS30 | CP080XS   | MB102DH          |          |         | MBS0220B |                |
| 17 | B100DY2         | B101S31   | B200EE  | B100AA20     | CM102DK         | CP101S32 | CP200EP    | CP090XY   | MB102DK          |          |         | MBS0220K |                |
| 18 | B100DYOD        | B101S32   | B200MH  | B100AA21     | CM102DM         | CP102S30 | CP200ES30  | CP0B0XB   | MB102DM          |          |         | MBS0220M |                |
| 19 | B100DYOY        | B101SL20B | B200MK  | B100AC20     | CM102DS         | CP303S30 | CP200MK    | CP0K0XK   | MB102DS          |          |         | MBS0220S |                |
| 20 | B100HB          | B101SL20H | B200MS  | B100AC30     | CM102DY         | CP304S20 | CP200MY    | CP0M0XM   | MB102DY          |          |         | MBS0220Y |                |
| 21 | B100HH          | B101SL20K | B200MY  | B100C        | CM102K20HB      | CP305S30 | CP202E     | CP0S0XS   | MB200DB          |          |         | MBZ024S  |                |
| 22 | B100HK          | B101SL20M | B202EE  | B100FB       | CM102K20HB10    | CP100HB  | CP220E     | CP0Y0XY   | MB200DH          |          |         | MBZ024M  |                |
| 23 | B100HM          | B101SL20S |         | B100FH       | CM102K20HH      | CP100HH  | CP200EE    | CP101DJ20 | MB200DK          |          |         | MBZ024S  |                |
| 24 | B100HS          | B101SL20Y |         | B100FK       | CM102K20KY      | CP100HK  |            | CP101DJ21 | MB200DM          |          |         | MBZ024Y  |                |
| 25 | B100HY          | B101SL30B |         | B100FM       | CM102K21HB      | CP100HM  |            | CM101A31  | MB200DS          |          |         |          |                |
| 26 | B101DBOD        | B101SL30K |         | B100F5       | CM102K21KY      | CP100HS  |            | CM100A20  | MB200DY          |          |         |          |                |
| 27 | B101DH          | B101SL30M |         | B100FY       | CM200DHO        | CP100HY  |            | CM100A21  | MB200FK          |          |         |          |                |
| 28 | B101DM          | B101SL30S |         | B101AA30     | CM200DK         | CP101HY  |            | CM100A30  | MB202DK          |          |         |          |                |
| 29 | B101DY          | B101SL30Y |         | B101AA32     | CM200DY         | CP102HB  |            | CM101A20  |                  |          |         |          |                |
| 30 | B101DYOD        | B101SL31K |         | B101AC30     | CM202DK         | CP102HH  |            | CM101A21  |                  |          |         |          |                |
| 31 | B101HY          | B101SL31Y |         | B101K20BB12  | CM305DY         | CP102HK  |            | CM101A30  |                  |          |         |          |                |
| 32 | B102DB          | B101SL32B |         | B101K20HB    | CP100DB         | CP102HM  |            | CP200AC20 |                  |          |         |          |                |
| 33 | B102DBOD        | B101SL32K |         | B101K20HH    | CP100DBOD       | CP102HS  |            | CP102AA20 |                  |          |         |          |                |
| 34 | B102DH          | B101SL32S |         | B101K20HHOK  | CP100DBOY       | CP102HY  |            | CP102AA30 |                  |          |         |          |                |
| 35 | B102DK          | B101SL32Y |         | B101K20SS12  | CP100DH         | CP200HK  |            | CP102AC30 |                  |          |         |          |                |
| 36 | B102DM          | B101T20   |         | B101K20YY12  | CP100DHO        | CP200HY  |            | CP101AA20 |                  |          |         |          |                |
| 37 | B102DS          | B101T201  |         | B101K20YYOK  | CP100DHOY       | CP202HK  |            | CP101AA30 |                  |          |         |          |                |
| 38 | B102DY          | B102S20   |         | B102AA20     | CP100DK         | CP230HK  |            | CP101AC20 |                  |          |         |          |                |
| 39 | B102HB          | B102S30   |         | B102AA30     | CP100DM         |          |            | CP101AC30 |                  |          |         |          |                |
| 40 | B102HH          | B102S32   |         | B102AC20     | CP100DS         |          |            | CP100AA20 |                  |          |         |          |                |
| 41 | B102HK          | B102SL20K |         | B102AC30     | CP100DY         |          |            | CP100AC20 |                  |          |         |          |                |
| 42 | B102HM          | B102SL20Y |         | B102C        | CP101DK         |          |            | CP100AC30 |                  |          |         |          |                |
| 43 | B102HS          | B102SL32Y |         | B102K20HB    | CP101DY         |          |            | CM102A20  |                  |          |         |          |                |
| 44 | B102HY          | B102T20   |         | B102K20KY    | CP101K20HB      |          |            | CM102A21  |                  |          |         |          |                |
| 45 | B130DB          | B111S20   |         | B102K20KY10  | CP102DB         |          |            | CM102A30  |                  |          |         |          |                |
| 46 | B130DH          | B121R30   |         | B102K20SH    | CP102DH         |          |            | CM102A31  |                  |          |         |          |                |
| 47 | B130DK          | B121R301  |         | B102K20SH10  | CP102DK         |          |            | CM100HB   |                  |          |         |          |                |
| 48 | B130DM          | B130SL20B |         | B102K20SYH10 | CP102DM         |          |            | CM100HH   |                  |          |         |          |                |
| 49 | B130DS          | B130SL20K |         | B102K21HB    | CP102DS         |          |            | CM100HK   |                  |          |         |          |                |
| 50 | B130DY          | B130SL20M |         | B102K21KY    | CP102DY         |          |            | CM100HM   |                  |          |         |          |                |
| 51 | B130HY          | B130SL20S |         | B132K20HB    | CP102K20HB      |          |            | CM100HS   |                  |          |         |          |                |
| 52 | B131DY          | B130SL20Y |         | B132K20KY    | CP102K20HS      |          |            | CM100HY   |                  |          |         |          |                |
| 53 | B132DK          | B130SL21B |         | B132K21HB    | CP102K20KY      |          |            | CM101HY   |                  |          |         |          |                |
| 54 | B132DS          | B130SL21K |         | B132K21KY    | CP102K21HB      |          |            | CM102HB   |                  |          |         |          |                |
| 55 | B132DY          | B130SL21Y |         | B151K20HHOK  | CP102K21KY      |          |            | CM102HH   |                  |          |         |          |                |
| 56 | B170DM          | B131SL20K |         | B191K20HBS   | CP200DB         |          |            | CM102HK   |                  |          |         |          |                |
| 57 | B180DS          | B131SL20S |         | B192K21HB    | CP200DK         |          |            | CM102HM   |                  |          |         |          |                |
| 58 | B190DY          | B131SL20Y |         | B200C        | CP200DM         |          |            | CM102HS   |                  |          |         |          |                |
| 59 | B200DH          | B131SL30B |         | B102K20HSLZ  | CP200DS         |          |            | CM102HY   |                  |          |         |          |                |
| 60 | B200DHO         | B131SL30K |         |              | CP200DY         |          |            | CM200HK   |                  |          |         |          |                |
| 61 | B200DK          | B131SL30M |         |              | CP202DK         |          |            | CM200HY   |                  |          |         |          |                |
| 62 | B200DKO         | B131SL30S |         |              | CP303DY         |          |            | CM202HK   |                  |          |         |          |                |
| 63 | B200DM          | B131SL30Y |         |              | CP305DY         |          |            | CM230HK   |                  |          |         |          |                |
| 64 | B200DSL         | B131SL31B |         |              | CP101K20YYOK    |          |            |           |                  |          |         |          |                |
| 65 | B200DSZ         | B131SL31K |         |              |                 |          |            |           |                  |          |         |          |                |
| 66 | B200DY          | B131SL31Y |         |              |                 |          |            |           |                  |          |         |          |                |
| 67 | B200FK          | B131SL32B |         |              |                 |          |            |           |                  |          |         |          |                |
| 68 | B200HK          | B131SL32K |         |              |                 |          |            |           |                  |          |         |          |                |
| 69 | B200HY          | B131SL32Y |         |              |                 |          |            |           |                  |          |         |          |                |
| 70 | B202DK          | B132SL30B |         |              |                 |          |            |           |                  |          |         |          |                |
| 71 | B202HK          | B132SL30K |         |              |                 |          |            |           |                  |          |         |          |                |
| 72 | B230DK          | B132SL30M |         |              |                 |          |            |           |                  |          |         |          |                |
| 73 | B230DY          | B132SL30S |         |              |                 |          |            |           |                  |          |         |          |                |
| 74 | B230HK          | B132SL30Y |         |              |                 |          |            |           |                  |          |         |          |                |
| 75 | B232DK          | B132SL32K |         |              |                 |          |            |           |                  |          |         |          |                |
| 76 | B232DY          | B132SL32Y |         |              |                 |          |            |           |                  |          |         |          |                |
| 77 | B100DHL         | B160SL20K |         |              |                 |          |            |           |                  |          |         |          |                |
| 78 |                 | B161SL30K |         |              |                 |          |            |           |                  |          |         |          |                |
| 79 |                 | B180SL20S |         |              |                 |          |            |           |                  |          |         |          |                |
| 80 |                 | B190SL20Y |         |              |                 |          |            |           |                  |          |         |          |                |
| 81 |                 | B191SL30Y |         |              |                 |          |            |           |                  |          |         |          |                |
| 82 |                 | B191SL32Y |         |              |                 |          |            |           |                  |          |         |          |                |
| 83 |                 | B1K1SL30K |         |              |                 |          |            |           |                  |          |         |          |                |
| 84 |                 | B1S1SL30S |         |              |                 |          |            |           |                  |          |         |          |                |
| 85 |                 | B1Y1SL30Y |         |              |                 |          |            |           |                  |          |         |          |                |
| 86 |                 | B1Y1SL32Y |         |              |                 |          |            |           |                  |          |         |          |                |