BOSS®

# TECHNICAL INFORMATION

# IP56 INDUSTRIAL

## SURFACE SOCKETS

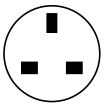
| Order No. | PIN | V | A | IP RATING |
|---|---|---|---|---|
| B56SO 210/16 | 2 | 250 | 16 | 56 |
| B56SO 313 | 3 | 250 | 13 | 56 |
| B56SO 320 | 3 | 250 | 20 | 56 |
| B56SO 332 | 3 | 250 | 32 | 56 |
| B56SO 420 | 4 | 500 | 20 | 56 |
| B56SO 432 | 4 | 500 | 32 | 56 |
| B56SO 520 | 5 | 500 | 20 | 56 |
| B56SO 532 | 5 | 500 | 32 | 56 |

## PLUGS

| Order No. | PIN | V | A | IP RATING |
|---|---|---|---|---|
| B56P 313 | 3 | 250 | 13 | 56 |
| B56P 320 | 3 | 250 | 20 | 56 |
| B56P 332 | 3 | 250 | 32 | 56 |
| B56P 420 | 4 | 500 | 20 | 56 |
| B56P 432 | 4 | 500 | 32 | 56 |
| B56P 520 | 5 | 500 | 20 | 56 |
| B56P 532 | 5 | 500 | 32 | 56 |
| B56P 550 | 5 | 500 | 50 | 56 |

B56SO 210/16

B56SO 313



B56SO 420

B56SO 520

B56P 313

B56P 420

B56P 520

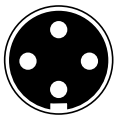
B56SO 320
B56SO 332

B56SO 432

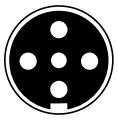
B56SO 532

B56P 320
B56P 332

B56P 432

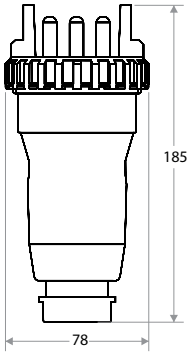


B56P 532
B56P 550

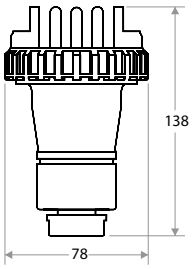


## SURFACE SWITCHES

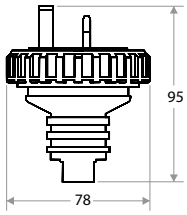
| Order No. | POLE | V | A | IP RATING |
|---|---|---|---|---|
| B56SW 110 | 1 | 250 | 10 | 56 |
| B56SW 115 | 1 | 250 | 15 | 56 |
| B56SW 120 | 1 | 250 | 20 | 56 |
| B56SW 320 | 3 | 500 | 20 | 56 |
| B56SW 332 | 3 | 500 | 32 | 56 |
| B56SW 350 | 3 | 500 | 50 | 56 |
| B56SW 363 | 3 | 500 | 63 | 56 |




B56P 332
B56P 432
B56P 532
B56P 550

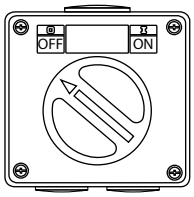



B56P 320
B56P 420
B56P 520



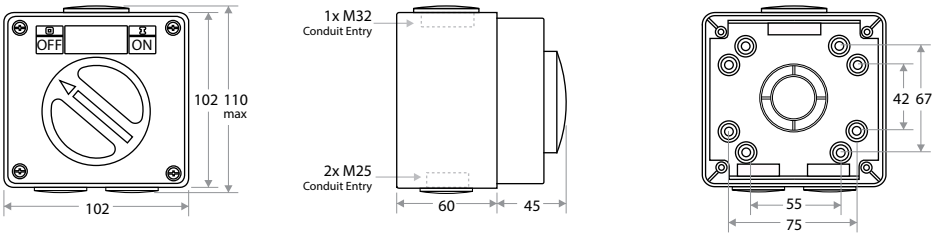

B56P 313

B56SW 110
B56SW 115
B56SW 120
B56SW 320
B56SW 332
B56SW 350
B56SW 363

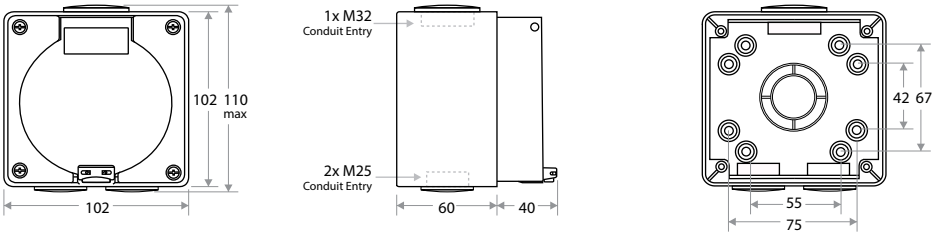


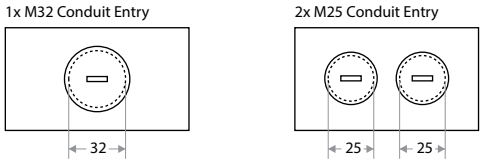
# DIMENSION

## B56SW

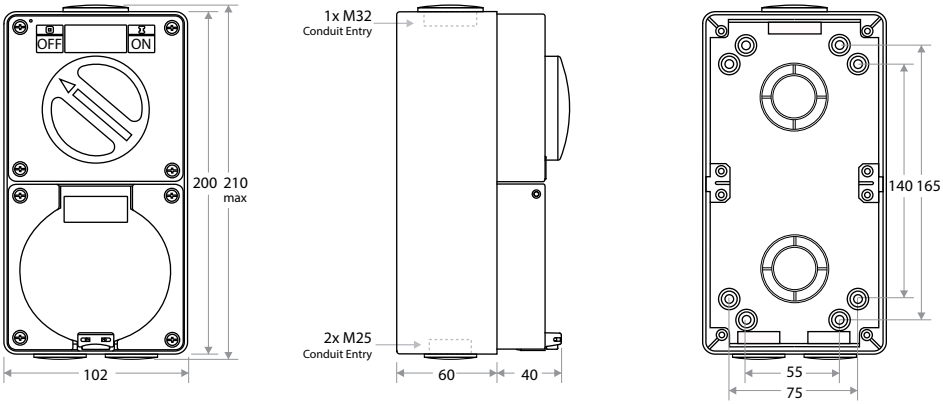



## B56SO

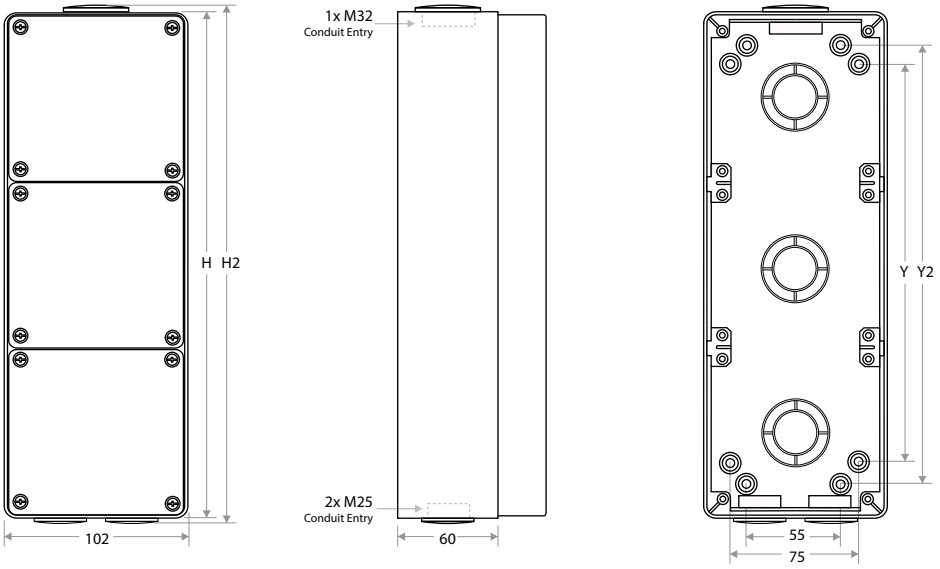



## B56C

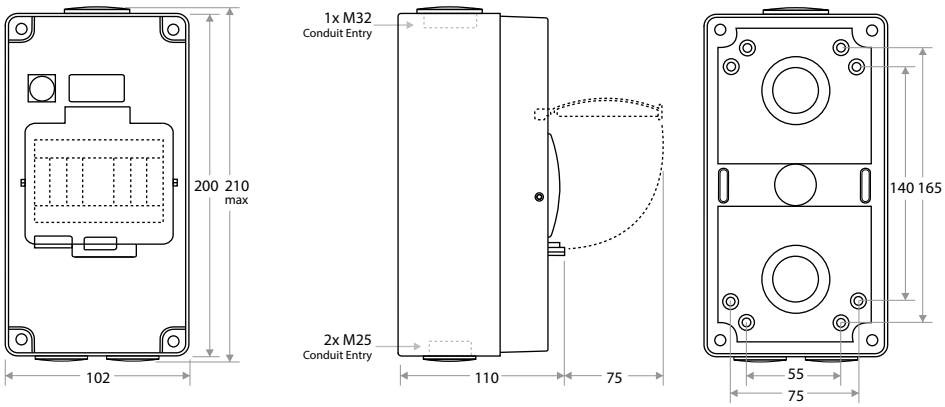


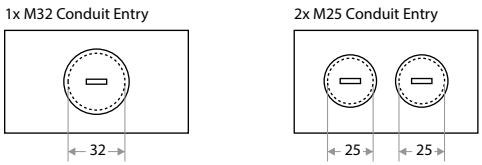

## 3 GANG MOUNTING ENCLOSURE



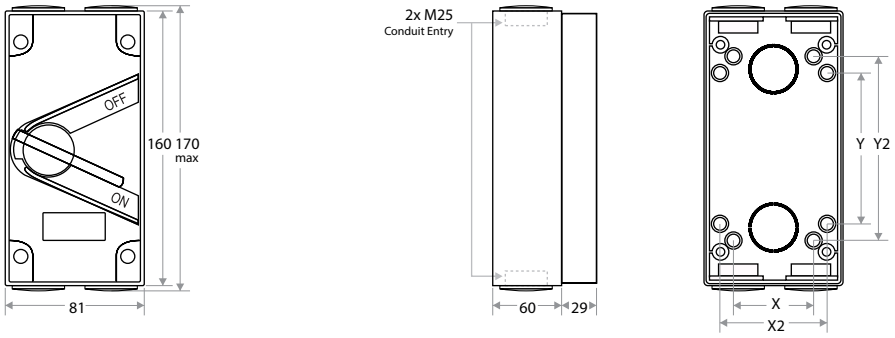
# DIMENSION

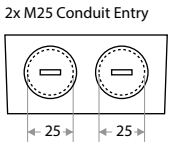
B56CB4N



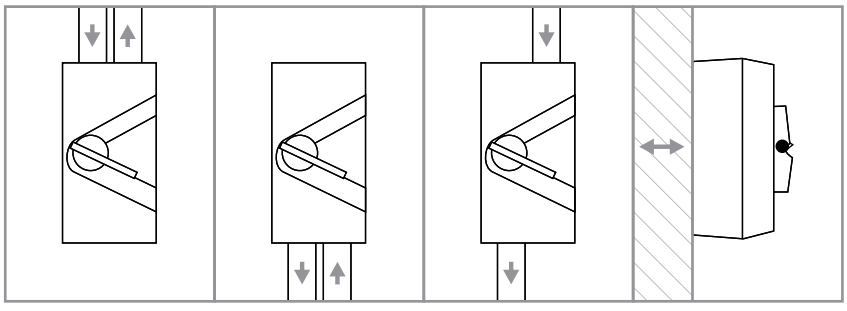




WPS / WPT




Conduit entry alternatives



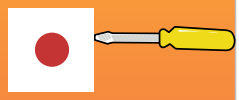
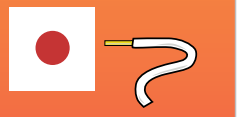
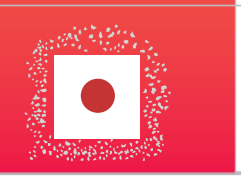
Cables looped in and out from overhead.

In and out from underground.

In and out straight through the switch.

Two 25mm rear knockouts are moulded in the base for surface mounting with concealed wiring.

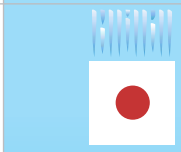
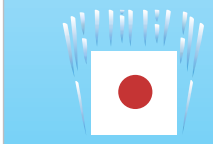
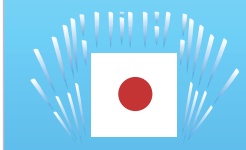
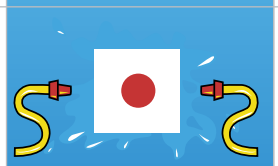
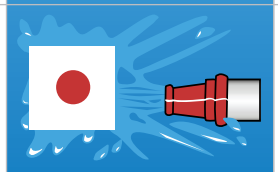
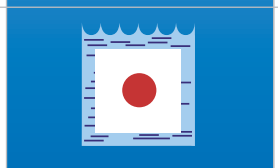
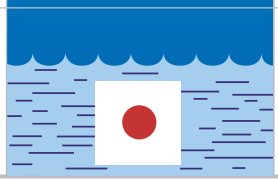
# Protection against contact of external solid

| PROTECTION | | TEST |
|---|---|---|
| x | No test applied | No spesific protection |
| 0 | No test applied | Inherent degree of protection |
| 1 |  | Protected against solid objects equal to or greater than 50mm diameter. (eg. accidental contact with hand) |
| 2 |  | Protected against solid objects equal to or greater than 12.5mm diameter. (eg. contact with finger) |
| 3 |  | Protected against solid objects equal to or greater than 2.5mm diameter. (eg. tools and wires) |
| 4 |  | Protected against solid objects equal to or greater than 1mm diameter. (eg. fine tools and wires) |
| 5 |  | Protected against quantities of dust that could intefere with satisfactory operation. |
| 6 |  | Completely protected against dust. |

Defined by IEC 529
DIN 40050 CEI 70-1

To Australian Standards AS 1939 - 1991
Classification of degrees of Protection Provided by enclosures for electrical equipment.

# Protection against the penetration of liquids

| PROTECTION | | TEST |
|---|---|---|
| x | No test applied | No spesific protection |
| 0 | No test applied | Inherent degree of protection |
| 1 |  | Protected against drops of water falling vertically. |
| 2 |  | Protected against drops of water falling at up to 15° from the vertical. |
| 3 |  | Protected against spraying water at up to 60° from the vertical. |
| 4 |  | Protected against splashing water from all directions. |
| 5 |  | Protected against jets of water from all directions. |
| 6 |  | Protected against jets of water of similar force to heavy seas. |
| 7 |  | Protected against the effects of temporarily immersion. |
| 8 |  | Protected against the effects of continuous immersion. |

Defined by IEC 529