VOLTECH MANUFACTURING COMPANY LIMITED

Valves & Flameproof Equipments Division

- Control Station Junction Box
- Multiway Junction Box
- Weather Proof Junction Box
- Push Button Station Junction Box

Tested at ETDC
WEATHER PROOF CONTROL STATION CUM JUNCTION BOX

Cat. No: VMC/WP02

Material: Cast Aluminium Alloy

IP Protection: IP 65 as per IEC 60529
   (Type Tested at ETDC, Chennai)

Dimension: 205mm x 110mm x 85mm Depth

Finish: Anticorrosive Epoxy Powder Coated

Gasket: Neoprene Rubber

Cable Entry: Refer Chart

Internal Wiring: PVC Insulated 1.5/2.5 Sq. mm
   Stranded Copper Wire

Earthing: External – 2 Nos
   Internal – 1 No

Terminals: up to 10Nos of 2.5 Sq.mm

<table>
<thead>
<tr>
<th>Cat. No &amp; Description</th>
<th>Combination</th>
<th>Cable Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMC/WP02 - Control Station (205mm x 110mm x 85mm Depth)</td>
<td>1. Forward/Reverse/Stop Push Button with Key Lockable or Pad Lock type</td>
<td>2 Nos of ¾”ET Or Equivalent Engg. Thread</td>
</tr>
<tr>
<td></td>
<td>2. Open/Close/Stop Push Button with Key Lockable or Pad Lock type</td>
<td></td>
</tr>
<tr>
<td>VMC/WP02 – Junction Box (205mm x 110mm x 85mm Depth)</td>
<td>Multi Way Junction Box with Cable Entries on all sides</td>
<td>Combination of Sizes from M16 to M40 or Equivalent Engg. threads. No. of Entries as per Customer Requirements.</td>
</tr>
</tbody>
</table>

WEATHER PROOF CONTROL STATION CUM JUNCTION BOX

Cat. No: VMC/WP03

Material: Cast Aluminium Alloy

IP Protection: IP 65 as per IEC 60529
   (Type Tested at ETDC, Chennai)

Dimension: 265mm x 130mm x 95mm Depth

Finish: Anticorrosive Epoxy Powder Coated

Gasket: Neoprene Rubber
**Valves & Flameproof Equipments**

**Cable Entry:** Refer Chart

**Internal Wiring:** PVC Insulated 1.5/2.5 Sq. mm Stranded Copper Wire

**Earthing:** External – 2 Nos
Internal – 1 No

**Terminals:** up to 10 Nos of 2.5 Sq.mm

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| VMC/WP03 - Control Station (265mm x 130mm x 95mm Depth) | 1. Start/Stop Push Button with 72 x 72mm Ammeter.  
2. Open/Close/Stop or Forward/Reverse/Stop Push Button with Key Lockable/Pad Lockable | 2 Nos of ¾”ET Or Equivalent Engg. Thread |
| VMC/WP03 – Junction Box (265mm x 130mm x 95mm Depth) | Multi Way Junction Box with Cable Entry on all sides | Combination of Sizes from M16 to M40 or Equivalent Engg. threads. No. of Entries as per Customer Requirements. |

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**WEATHER PROOF MULTIWAY JUNCTION BOX**

**Cat. No:** VMC/WP04

**Material:** Cast Aluminium Alloy

**IP Protection:** IP 65 as per IEC 60529  
(Type Tested at ETDC, Chennai)

**Dimension:** 195mm x 145mm x 110mm Depth

**Finish:** Anticorrosive Epoxy Powder Coated

**Gasket:** Neoprene Rubber

**Cable Entry:** Wide Combination of Cable Entries for different sizes ranging from M16 to M48 or Equivalent Engg. Threads as per Customer Requirement.

**Earthing:** External – 2 Nos
Internal – 1 No

**Terminals:** Maximum No. of Terminal: 20 of size 2.5 Sq.mm or As per Customer Requirement
WEATHER PROOF CONTROL STATION CUM JUNCTION BOX

Cat No: VMC/WP05

Material: Cast Aluminium Alloy

IP Protection: IP 65 as per IEC 60529
   (Type Tested at ETDC, Chennai)

Dimension: 245mm x 235mm x 125mm Depth

Finish: Anticorrosive Epoxy Powder Coated

Gasket: Neoprene Rubber

Cable Entry: Wide Combination of Cable Entries for different sizes ranging from M16 to M48 or Equivalent Engg. Threads as per Customer Requirement.

Earthing: External – 2 Nos
           Internal – 1 No

Terminals: Maximum No. of Terminal: 30 of size 2.5 Sq.mm or As per Customer Requirement

WEATHER PROOF JUNCTION BOX

Cat. No: VMC/WP17

Material: Cast Aluminium Alloy

IP Protection: IP 65 as per IEC 60529
   (Type Tested at ETDC, Chennai)

Dimension: Dia 105 * 65 mm Depth

Finish: Anticorrosive Epoxy Powder Coated

Gasket: Neoprene Rubber

Cable Entry: 4 No’s of ¾” ET or Equivalent Engg. Threads

Earthing: External – 2 Nos
           Internal – 1 No

Terminals: Maximum No. of Terminal: 6 of size 2.5 Sq.mm or As per Customer Requirement
WEATHER PROOF PUSH BUTTON STATION CUM JUNCTION BOX

Cat No: VMC/WP14

Material: Cast Aluminium Alloy

IP Protection: IP 65 as per IEC 60529
   (Type Tested at ETDC, Chennai)

Dimension: 130mm x 110mm x 80mm Depth

Finish: Anticorrosive Epoxy Powder Coated

Gasket: Neoprene Rubber

Cable Entry: Refer Chart

Internal Wiring: PVC Insulated 1.5/2.5 Sq. mm
Stranded Copper Wire

Earthing: External – 2 Nos, Internal – 1 No

Terminals: up to 10Nos of 2.5 Sq.mm

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<tr>
<td>VMC/WP14 – Push Button Station (130mm x 110mm x 80mm Depth)</td>
<td>Start/Stop Push Button Station with Key Lockable/Pad Lockable .</td>
<td>2 Nos of ¾”ET Or Equivalent Engg. Thread</td>
</tr>
<tr>
<td>VMC/WP14 – Junction Box (130mm x 110mm x 80mm Depth)</td>
<td>Multi Way Junction Box with Cable Entry on all sides</td>
<td>Combination of Sizes from M16 to M40 or Equivalent Engg. threads. No. of Entries as per Customer Requirements.</td>
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Production
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