Low Voltage Universal Cable Jointing Kits (Straight & Branch)

> For copper and aluminium conductors, including lightweight, easy flow resin.

> Prysmian’s cast resin Universal Straight (MST) and Branch (MBR) cable joints are the ideal method for joining today’s polymeric industrial cables.

> The Low Voltage Cable Jointing Kits are designed around transparent vacuum moulded shells which offer the installer greater working dimensions, plus a specially designed flange sealing system.

> Lightweight two part easy flow Polyurethane Resin is provided as standard, suitably packed in a foil-laminated sachet offering a completely enclosed Resin Mixing System.

> Suitable for both copper and aluminium conductors
> Large, transparent, high impact resistant shells
> Large internal working space
> Simple precision flange sealing system
> Armour bonds included
> Tested and approved to BS EN 50393 & ENA ER C81

> “Twin Pack” totally enclosed mixing
> Enhanced adhesion to XLPE and PVC
> Improved flow characteristics
> 40% reduction in weight
> Easier mixing

Resin Joints

Application

Characteristics

Joint Features & Benefits

Resin Features & Benefits

Prysmian Cables & Systems Limited, Components Unit, Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9HP, UK

Commercial Enquiries, Tel +44 (0) 845 767 8345, Fax: +44 (0) 23 8029 5465

www.prysmian.co.uk

CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS
FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS

11KV 33KV CABLE JOINTS & CABLE TERMINATIONS
FURSE EARTHING
www.cablejoints.co.uk
Thorne and Derrick UK
Tel 0044 191 490 1547 Fax 0044 191 477 5371
Tel 0044 117 977 4647 Fax 0044 117 9775582

www.prysmian.co.uk
Selection Information

> Selection information for Low Voltage Straight and Branch Joints on 600/1000 Volt polymeric insulation, aluminium or copper conductors, SWA cables to BS6346, BS5467 and IEC 502.

"MST" Straight Through Joints for Armoured Cables

<table>
<thead>
<tr>
<th>Joint Ref.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Min. Box entry Ø</th>
<th>Max. Box entry Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>MST6</td>
<td>240</td>
<td>115</td>
<td>75</td>
<td>12</td>
<td>22</td>
</tr>
<tr>
<td>MST16</td>
<td>310</td>
<td>125</td>
<td>85</td>
<td>20</td>
<td>35</td>
</tr>
<tr>
<td>MST35</td>
<td>390</td>
<td>130</td>
<td>100</td>
<td>24</td>
<td>40</td>
</tr>
<tr>
<td>MST95</td>
<td>620</td>
<td>160</td>
<td>130</td>
<td>27</td>
<td>51</td>
</tr>
<tr>
<td>MST185</td>
<td>795</td>
<td>230</td>
<td>205</td>
<td>40</td>
<td>65</td>
</tr>
<tr>
<td>MST300</td>
<td>950</td>
<td>240</td>
<td>210</td>
<td>55</td>
<td>80</td>
</tr>
</tbody>
</table>

Shell Dimensions

<table>
<thead>
<tr>
<th>Joint Ref.</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MST6</td>
<td>240x115x75x12x22</td>
</tr>
<tr>
<td>MST16</td>
<td>310x125x85x20x35</td>
</tr>
<tr>
<td>MST35</td>
<td>390x130x100x24x40</td>
</tr>
<tr>
<td>MST95</td>
<td>620x160x130x27x51</td>
</tr>
<tr>
<td>MST185</td>
<td>795x230x205x40x65</td>
</tr>
<tr>
<td>MST300</td>
<td>950x240x210x55x80</td>
</tr>
</tbody>
</table>

Notes:

For mechanical connectors see leaflet LV Mechanical Connectors

Connectors are sold separately

Armour Bonds are included