

## Birkett Resin Branch Joint Kits

Birkett's premium range of LV branch joint kits are suitable for both cut and uncut mains cables with transparent 2-part polyurethane resin mixing system, as tested by the Health & Safety Executive.

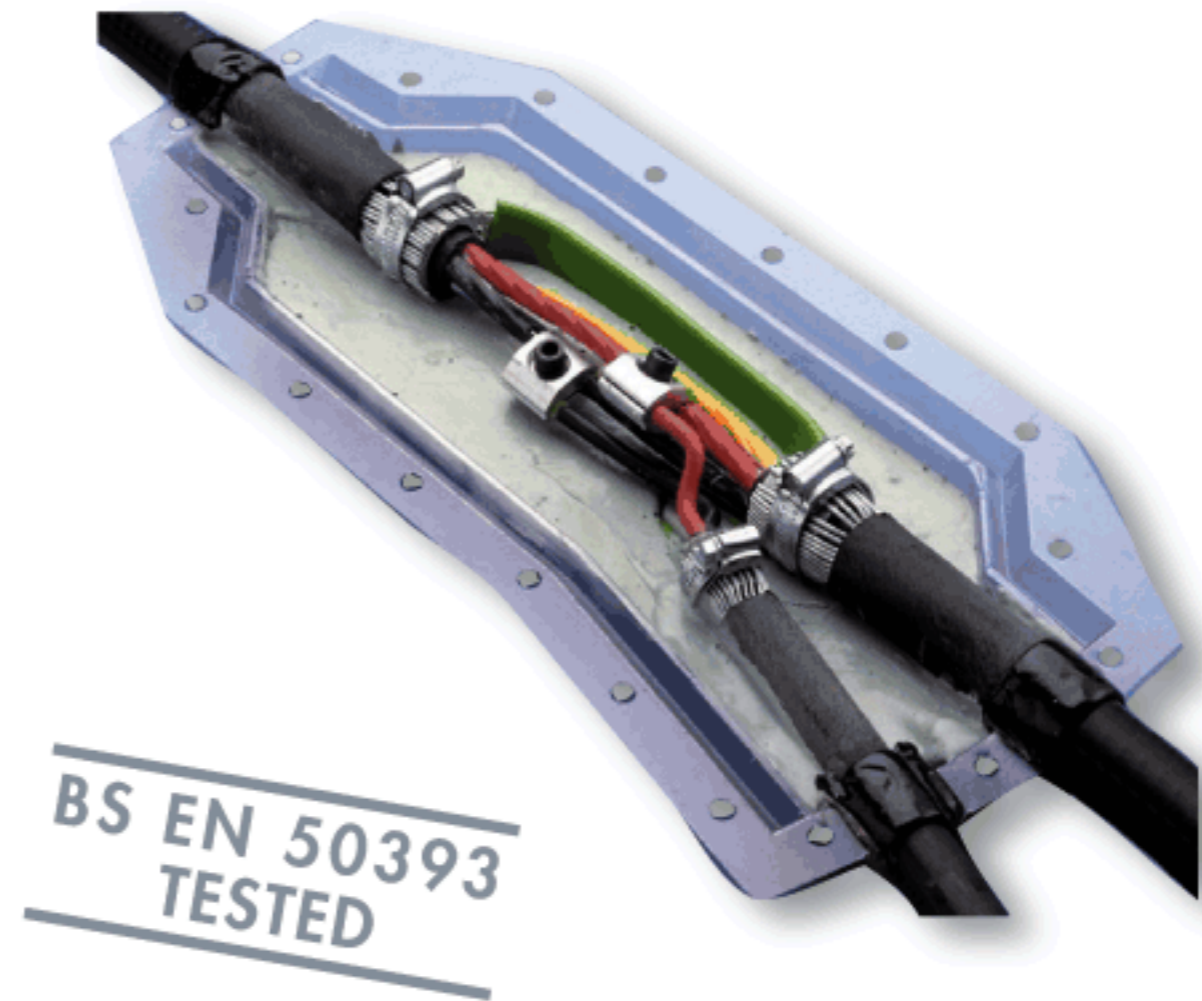
The largest and most versatile joint shells on the market, these joints are designed to enable core cross-over and are suitable for use with a variety of mechanical branch or core connectors, available as separate items.

- ▶ Tested to BS EN 50393
- ▶ High-performance 2-part polyurethane **Swishpak** resin system.

Supplied with armour wire continuity, suitable for use with the following LV cable types:

- ▶ EPR, XLPE, PVC or LSOH outer sheath types.
- ▶ Lead (Pb) sheathed & PILC cables (additional earthing required).
- ▶ Wire armour, waveform or braided armour cables.

Each kit comprises: two-part transparent mould, **Swishpak** resin pack/s, armour continuity braids, under-armour support rings, worm-drive clips, mastic tape and full installation instructions.



Order Reference	Maximum Diameter	External Length	External Width	Resin Volume	600/1000v Selection Guide				3.3kV
					Single Core XLPE/AWA/LSF	Two Core XLPE/SWA/LSF	Three Core XLPE/SWA/LSF	Four Core XLPE/SWA/LSF	Three Core XLPE/SWA/LSF
<b>B10</b>	33.0	210.0	120.0	50-120mm <sup>2</sup>	1.5-16mm <sup>2</sup>	1.5-10mm <sup>2</sup>	1.5-6.0mm <sup>2</sup>	-	
<b>B25</b>	39.0	256.0	156.0	150mm <sup>2</sup>	16-25mm <sup>2</sup>	16-25mm <sup>2</sup>	-	-	
<b>B35</b>	32.0	395.0	190.0	185mm <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>	10-35mm <sup>2</sup>	25-35mm <sup>2</sup>	
<b>B50</b>	40.0	395.0	190.0	240-300mm <sup>2</sup>	50mm <sup>2</sup>	50mm <sup>2</sup>	-	50mm <sup>2</sup>	
<b>B70</b>	40.0	470.0	192.0	400mm <sup>2</sup>	70mm <sup>2</sup>	70mm <sup>2</sup>	50-70mm <sup>2</sup>	70mm <sup>2</sup>	
<b>B120</b>	50.0	540.0	215.0	500-630mm <sup>2</sup>	95-120mm <sup>2</sup>	95-120mm <sup>2</sup>	95-120mm <sup>2</sup>	95-120mm <sup>2</sup>	
<b>B185</b>	60.0	585.0	245.0	800-1000mm <sup>2</sup>	150-185mm <sup>2</sup>	150-185mm <sup>2</sup>	150-185mm <sup>2</sup>	150-185mm <sup>2</sup>	
<b>B300</b>	70.0	800.0	290.0	-	300mm <sup>2</sup>	300mm <sup>2</sup>	300mm <sup>2</sup>	300mm <sup>2</sup>	
<b>B400</b>	80.0	980.0	290.0	-	400mm <sup>2</sup>	400mm <sup>2</sup>	400mm <sup>2</sup>	400mm <sup>2</sup>	

All dimensions are in millimetres (mm)

600/1000v Selection Guide		Uncut Main Cable																	
Branch Cable		1.5mm <sup>2</sup> 2,3,4,5 core	2.5mm <sup>2</sup> 2,3,4,5 core	4.0mm <sup>2</sup> 2,3,4,5 core	6.0mm <sup>2</sup> 2,3,4,5 core	10mm <sup>2</sup> 2,3,4,5 core	16mm <sup>2</sup> 2 core	16mm <sup>2</sup> 3,4,5 core	25mm <sup>2</sup> 2,3,4,5 core	35mm <sup>2</sup> 2,3,4 core	50mm <sup>2</sup> 2,3,4 core	70mm <sup>2</sup> 2,3,4 core	95mm <sup>2</sup> 2,3,4 core	120mm <sup>2</sup> 2,3,4 core	150mm <sup>2</sup> 2,3,4 core	185mm <sup>2</sup> 2,3,4 core	240mm <sup>2</sup> 2,3,4 core	300mm <sup>2</sup> 2,3,4 core	400mm <sup>2</sup> 2,3,4 core
1.5mm <sup>2</sup> 2, 3core	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B25</b>	<b>B25</b>	<b>B35</b>	<b>B50</b>	<b>MS70</b>	<b>MS120</b>	<b>MS120</b>	<b>MS185</b>	<b>MS185</b>	<b>MS300</b>	<b>MS300</b>	<b>B400</b>
2.5mm <sup>2</sup> 2, 3core	-	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B25</b>	<b>B25</b>	<b>B35</b>	<b>B50</b>	<b>MS70</b>	<b>MS120</b>	<b>MS120</b>	<b>MS185</b>	<b>MS185</b>	<b>MS300</b>	<b>MS300</b>	<b>B400</b>
4.0mm <sup>2</sup> 2, 3core	-	-	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B25</b>	<b>B25</b>	<b>B35</b>	<b>B50</b>	<b>MS70</b>	<b>MS120</b>	<b>MS120</b>	<b>MS185</b>	<b>MS185</b>	<b>MS300</b>	<b>MS300</b>	<b>B400</b>
6.0mm <sup>2</sup> 2, 3core	-	-	-	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B25</b>	<b>B25</b>	<b>B35</b>	<b>B50</b>	<b>MS70</b>	<b>MS120</b>	<b>MS120</b>	<b>MS185</b>	<b>MS185</b>	<b>MS300</b>	<b>MS300</b>	<b>B400</b>
10mm <sup>2</sup> 2, 3core	-	-	-	-	<b>B10</b>	<b>B10</b>	<b>B10</b>	<b>B25</b>	<b>B25</b>	<b>B35</b>	<b>B50</b>	<b>MS70</b>	<b>MS120</b>	<b>MS120</b>	<b>MS185</b>	<b>MS185</b>	<b>MS300</b>	<b>MS300</b>	<b>B400</b>
10mm <sup>2</sup> 4core	-	-	-	-	<b>B35</b>	-	<b>B35</b>	<b>B35</b>	<b>B35</b>	<b>B35</b>	<b>B50</b>	<b>MS70</b>	<b>MS120</b>	<b>MS120</b>	<b>MS185</b>	<b>MS185</b>	<b>MS300</b>	<b>MS300</b>	<b>B400</b>
16mm <sup>2</sup> 2, 3core	-	-	-	-	-	<b>B10</b>	<b>B25</b>	<b>B25</b>	<b>B35</b>	<b>B35</b>	<b>B50</b>	<b>MS70</b>	<b>MS120</b>	<b>MS120</b>	<b>MS185</b>	<b>MS185</b>	<b>MS300</b>	<b>MS300</b>	<b>B400</b>
16mm <sup>2</sup> 4core	-	-	-	-	-	-	<b>B35</b>	<b>B35</b>	<b>B35</b>	<b>B35</b>	<b>B50</b>	<b>MS70</b>	<b>MS120</b>	<b>MS120</b>	<b>MS185</b>	<b>MS185</b>	<b>MS300</b>	<b>MS300</b>	<b>B400</b>
25mm <sup>2</sup> 2, 3core	-	-	-	-	-	-	-	<b>B25</b>	<b>B35</b>	<b>B35</b>	<b>B50</b>	<b>MS70</b>	<b>MS120</b>	<b>MS120</b>	<b>MS185</b>	<b>MS185</b>	<b>MS300</b>	<b>MS300</b>	<b>B400</b>
25mm <sup>2</sup> 4core	-	-	-	-	-	-	-	<b>B35</b>	<b>B35</b>	<b>B35</b>	<b>B50</b>	<b>B70</b>	<b>B120</b>	<b>B120</b>	<b>B185</b>	<b>B185</b>	<b>B300</b>	<b>B300</b>	<b>B400</b>
35mm <sup>2</sup> 2, 3, 4core	-	-	-	-	-	-	-	-	-	-	<b>B50</b>	<b>B70</b>	<b>B120</b>	<b>B120</b>	<b>B185</b>	<b>B185</b>	<b>B300</b>	<b>B300</b>	<b>B400</b>
50mm <sup>2</sup> 2, 3, 4core	-	-	-	-	-	-	-	-	-	-	<b>B70</b>	<b>B70</b>	<b>B120</b>	<b>B120</b>	<b>B185</b>	<b>B185</b>	<b>B300</b>	<b>B300</b>	<b>B400</b>
70mm <sup>2</sup> 2, 3, 4core	-	-	-	-	-	-	-	-	-	-	-	<b>B70</b>	<b>B120</b>	<b>B120</b>	<b>B185</b>	<b>B185</b>	<b>B300</b>	<b>B300</b>	<b>B400</b>
95mm <sup>2</sup> 2, 3, 4core	-	-	-	-	-	-	-	-	-	-	-	-	<b>B120</b>	<b>B120</b>	<b>B185</b>	<b>B185</b>	<b>B300</b>	<b>B300</b>	<b>B400</b>
120mm <sup>2</sup> 2, 3, 4core	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>B120</b>	<b>B185</b>	<b>B185</b>	<b>B300</b>	<b>B300</b>	<b>B400</b>
150mm <sup>2</sup> 2, 3, 4core	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>B185</b>	<b>B185</b>	<b>B300</b>	<b>B300</b>	<b>B400</b>
185mm <sup>2</sup> 2, 3, 4core	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>B185</b>	<b>B300</b>	<b>B300</b>	<b>B400</b>
240mm <sup>2</sup> 2, 3, 4core	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>B300</b>	<b>B300</b>	<b>B400</b>
300mm <sup>2</sup> 2, 3, 4core	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>B300</b>	<b>B400</b>
400mm <sup>2</sup> 2, 3, 4core	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>B400</b>