GTS3
HEAT-SHRINKABLE
THREE CORE XLPE
STRAIGHT JOINT

Up to 36 kV

6/10 (12) kV
6.35/11 (12) kV
8.7/15 (17.5) kV
12/20 (24) kV
12.7/22 (24) kV
18/30 (36) kV
19/33 (36) kV

1 Application
For jointing three core polymeric cable to be directly buried. The product is fully screened and fully submersible.

1 Design
1. Dual wall tube type.
2. Stress control tube.
3. Screen continuity (copper mesh).
4. Stress control mastic.
5. Overall protection tube.
7. Canister.
8. Conductor connector (supplied on request).
9. Non-tracking tube (only for 36GTS3 - not shown).

1 Specifications and standards
Meets the requirements of CENELEC HD 629.2 and IEC 60502-4.

<table>
<thead>
<tr>
<th>Straight Joint type</th>
<th>Voltage Um (kV)</th>
<th>Length “L” (mm)</th>
<th>Conductor sizes (mm²)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>min</td>
</tr>
<tr>
<td>17GTS3</td>
<td>12 &amp; 17.5</td>
<td>1200</td>
<td>25</td>
</tr>
<tr>
<td>24GTS3</td>
<td>24</td>
<td>1200</td>
<td>25</td>
</tr>
<tr>
<td>36GTS3</td>
<td>36</td>
<td>1400 - 2300</td>
<td>35</td>
</tr>
</tbody>
</table>

www.cable-jointing.com
Tel: +44 (0) 1482 37 37 20
Fax: +44 (0) 1482 24 20 20
info@cable-jointing.com

### Kit contents
The complete GTS3 joint kit comprises the following components:

- Stress control mastic “MNAC”
- Sealing mastic “NGAF”
- Black stress control tube “GT1”
- Dual wall tube “GT25”
- Protection tube “GT3”
- Overall protection tube “GT8”
- Canister

### Ordering instructions
Select the part number corresponding to both system voltage and cable dimensions.

**Example:**
The cable is 24 kV, 3 x 120 mm² stranded aluminium with an individual copper tape screen and a steel wire armour.
Order: 24GTS3.240k.

<table>
<thead>
<tr>
<th>Ordering part number</th>
<th>Voltage $U_0/U$ (kV)</th>
<th>Conductor size range (mm²)</th>
<th>min</th>
<th>max</th>
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</thead>
<tbody>
<tr>
<td>17GTS3.50k</td>
<td>6/10 &amp; 6.35/11 &amp; 8.7/15</td>
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<td>50</td>
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<td>95</td>
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<tr>
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<td>300</td>
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<tr>
<td>17GTS3.400k</td>
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<td>240</td>
<td>400</td>
<td></td>
</tr>
<tr>
<td>24GTS3.50k</td>
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<td>25</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>24GTS3.240k</td>
<td>12/20 &amp; 12.7/22</td>
<td>50</td>
<td>240</td>
<td></td>
</tr>
<tr>
<td>24GTS3.400k</td>
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<td>150</td>
<td>400</td>
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<tr>
<td>36GTS3.95k</td>
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<td>95</td>
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<tr>
<td>36GTS3.240k</td>
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<td>240</td>
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<tr>
<td>36GTS3.400k</td>
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<td>150</td>
<td>400</td>
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</tbody>
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**Notes:**
- For use with copper wire screened cables. No further earthing device is necessary.
- When jointing cables of different sizes, please contact our representative.
- For use with other cable types. Please contact our representative.
- For use with single core cables: see GTS1.
- Different types of screen continuity kits can be supplied. Please contact our representative.
- Can be supplied with all common types of conductor connectors.