### Application
For jointing polymeric cable to be laid in air or directly buried. The product is fully screened and fully submersible.

### Design
1. Dual wall tube.
2. Stress control tube.
3. Stress control mastic.
4. Non-tracking tube (only for 36GTS1).
5. Overall protection tube.
7. Screen continuity (copper mesh).
8. Conductor connector (supplied on request).

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

### Straight Joint

<table>
<thead>
<tr>
<th>Straight Joint type</th>
<th>Voltage Um (kV)</th>
<th>Length “L” (mm)</th>
<th>Conductor sizes (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17GTS1</td>
<td>12 &amp; 17.5</td>
<td>750</td>
<td>25 - 630</td>
</tr>
<tr>
<td>24GTS1</td>
<td>24</td>
<td>750</td>
<td>25 - 630</td>
</tr>
<tr>
<td>36GTS1</td>
<td>36</td>
<td>750 - 1000</td>
<td>35 - 630</td>
</tr>
</tbody>
</table>

GTS1
HEAT-SHRINKABLE SINGLE 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

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Kit contents

The complete GTS1 joint kit comprises the following components:

- Stress control mastic “MNAC”
- Sealing mastic “NGAF”
- Black stress control tube “GT1”
- Anti-tracking tube “GT2” (only for 36GTS1)
- Dual wall tube “GT25”
- Overall protection tube “GT4”
- Roll of tinned copper mesh tape

The kit also comprises installation instructions, semi-conductive tape, adhesive tape, a copper braid and a ferrule for the screen wire connection.

Ordering instructions

Select the part number corresponding to both system voltage and conductor size.

Example:
The copper wire screened cable is 12 kV, 150 mm² stranded aluminium. Order: 17GTS1.240w.

<table>
<thead>
<tr>
<th>Ordering part number</th>
<th>Voltage ( U_0/U ) (kV)</th>
<th>Conductor size range (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17GTS1.50w</td>
<td>6/10 &amp; 6.35/11 &amp; 8.7/15</td>
<td>25 &amp; 50</td>
</tr>
<tr>
<td>17GTS1.95w</td>
<td>6/10 &amp; 6.35/11 &amp; 8.7/15</td>
<td>50 &amp; 95</td>
</tr>
<tr>
<td>17GTS1.240w</td>
<td>6/10 &amp; 6.35/11 &amp; 8.7/15</td>
<td>95 &amp; 240</td>
</tr>
<tr>
<td>17GTS1.630w</td>
<td>6/10 &amp; 6.35/11 &amp; 8.7/15</td>
<td>240 &amp; 630</td>
</tr>
<tr>
<td>24GTS1.50w</td>
<td>12/20 &amp; 12.7/22</td>
<td>25 &amp; 50</td>
</tr>
<tr>
<td>24GTS1.240w</td>
<td>12/20 &amp; 12.7/22</td>
<td>50 &amp; 240</td>
</tr>
<tr>
<td>24GTS1.400w</td>
<td>12/20 &amp; 12.7/22</td>
<td>150 &amp; 400</td>
</tr>
<tr>
<td>24GTS1.630w</td>
<td>12/20 &amp; 12.7/22</td>
<td>400 &amp; 630</td>
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<td>36GTS1.95i</td>
<td>18/30 &amp; 19/33</td>
<td>35 &amp; 95</td>
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<td>70 &amp; 240</td>
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<tr>
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<td>18/30 &amp; 19/33</td>
<td>120 &amp; 400</td>
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<tr>
<td>36GTS1.630i</td>
<td>18/30 &amp; 19/33</td>
<td>400 &amp; 630</td>
</tr>
</tbody>
</table>

For use with copper wire screened cables. No further earthing device is necessary.
For use with copper tape screened cables. Order: -Aw/-Ai instead of -w/-i (e.g. 17GTS1.240Aw).
For use with other cable types. Please contact our representative.
For use with three-core cables: see GTS3.
When jointing cables of different sizes, please contact our representative.
Can be supplied with all common types of conductor connectors.

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