The QCD Form S Universal Quick Connection Device is used together with electricity meter test systems, and is especially recommended for situations where saving time is important. The device enables ANSI socket meters to be mounted with a motorised closing mechanism and connected rapidly for the purposes of adjustment, test and verification.

Because of its universal construction the QCD Form S Universal Quick Connection Device may be used for the support and connection of practically all types of self contained (direct connected) or transformer operated ANSI socket meters, including the most used Forms 1S, 2S, 3S, 4S, 5S, 6S, 8S, 9S, 12S, 13S, 14S, 15S, 16S, 17S.

This QCD Form S Universal Quick Connection Device may be used with current levels up to 200 A. The QCD Form S Universal Quick Connection Device is delivered complete as a ready to use unit, and may be easily fixed to the aluminium structure of MTE Meter Test Equipment meter suspension racks, or to their associated trolleys.
### Connection diagrams for most used socket meters Form S

<table>
<thead>
<tr>
<th>Type of Service</th>
<th>1-phase 2-wire</th>
<th>1-phase 3-wire</th>
<th>2-phase 3-wire</th>
<th>3-phase 3-wire</th>
<th>3-phase 4-wire, Wye</th>
<th>3-phase 4-wire, Delta</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Self-Contained (Direct Connection)</strong></td>
<td><img src="image1" alt="Form 1S" /></td>
<td><img src="image2" alt="Form 2S" /></td>
<td><img src="image3" alt="Form 12S" /></td>
<td><img src="image4" alt="Form 13S" /></td>
<td><img src="image5" alt="Form 14S" /></td>
<td><img src="image6" alt="Form 16S" /></td>
</tr>
<tr>
<td><strong>Transformer operated</strong></td>
<td><img src="image7" alt="Form 3S" /></td>
<td><img src="image8" alt="Form 4S" /></td>
<td><img src="image9" alt="Form 5S" /></td>
<td><img src="image10" alt="Form 5S" /></td>
<td><img src="image11" alt="Form 6S" /></td>
<td><img src="image12" alt="Form 9S" /></td>
</tr>
</tbody>
</table>

**Notes:**
- Form 1S
- Form 2S
- Form 12S
- Form 13S
- Form 14S
- Form 16S
- Form 15S
- Form 17S

**Type of Service:**
- Form 1S
- Form 2S
- Form 12S
- Form 13S
- Form 14S
- Form 16S
- Form 15S
- Form 17S
Socket jaw position identification regarding ANSI C12.10-1987

Front view on socket for self-contained (direct connected) meters

Front view on socket for current transformer operated meter

Technical description QCD Form S

Motor supply voltage: 115 V or 230 V, selectable / 45 ... 65 Hz (Fuse: 2 A / 250 V, slow blow)
Dimensions: W 240 x D 170 x H 435 mm
Weight: approx. 13 Kg

[1] Meter connection area
[2] Banana sockets Ø 4 mm
  Current: Socket 1, 2, 3, 4, 9, 10
  Voltage: Socket 7, 8, 11-17, 1A, 3A, 9A
[3] High current terminals up to 200 A
[5] Socket open / closed switch