The following RGW series short circuit bridges allow the current transformer short circuiting before making any operation on the user side.

<table>
<thead>
<tr>
<th>Terminal block compatible</th>
<th>Short-circuit plug</th>
<th>Short-circuit part number</th>
<th>Short-circuit pole number</th>
<th>Test sockets needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGW6-ST-1… SCP-12-2</td>
<td>SCP-12-2</td>
<td>1SNA519300R0200</td>
<td>2 poles</td>
<td>2 x FC4</td>
</tr>
<tr>
<td>SCP-12-4</td>
<td>SCP-12-4</td>
<td>1SNA519301R0400</td>
<td>4 poles</td>
<td>4 x FC4</td>
</tr>
</tbody>
</table>

**Short circuit bridges mounting procedure:**

1. Make sure the short-circuit link are in closed position.
2. Plug the short-circuit into test sockets of RGW6-ST-1 terminal blocks.
Important

- By construction, the secondary of a current transformer must continuously feed rather on a low impedance or be shorted.

- In no case the secondary of a current transformer must be empty when the primary is fed under penalty of a sudden rise in the voltage across the secondary and a significant risk of injury to operators and destruction of the transformer.

- Thus any test or equipment replacement operation requiring the maneuver on our terminal blocks must be done exclusively by an authorized personnel trained for this type of operations

- The test procedure described in this document is provided for information purposes only and can in no way substitute the internal procedures of our customers or be regarded as legal document.

Test or replacement phase of equipment
The short circuit plug is in short-circuiting position

1 - Plug the SCP short-circuit plugs into RGW-ST-1 test sockets

2 - Once SCP short-circuit plugs are clamped in place (the current transformer is shorted), open the disconnect sliding link to isolate the source (current transformer) from the measuring apparatus.

3 - Once the measuring or replacement operation of the equipment is done, the below procedure must be followed :

3.1- Unscrew the sliding links on both terminal blocks. Slide them into closed position

3.2 - Unplugged the short-circuit plugs

Important Reminder: Operation not permitted.

When the transformer is in short-circuited mode (SCP short circuit in place) and downstream and upstream isolated (disconnect sliding link opened), it is forbidden to remove the SCP short-circuit plugs under penalty of a sudden rise in the voltage across the disconnected parts (current transformer secondary opened) and a risk of electric shock for operator.