Safety Protection Devices

**PRCD-S+**

**The crucial PLUS in safety!**

Mobile personal protection device to prevent electrical injury especially on construction sites.

**Advantages and functions:**

1. Before every switch-on procedure and during operation a **fully automatic** verification is performed in order to check the correct supply conditions. The classic "test button" is eliminated.

2. Measuring errors caused, for example, by the wearing of a glove when switching on are indicated by the signal unit flashing red. In this case, the **PRCD-S+** from PCE gives a visual warning and **does not switch on**.

3. The LED signal unit (red/green) visualizes error situations and offers a permanent status indication.

4. The PE conductor circuit is switched on in advance and switched off with a delay.

5. Failure situations like external voltage on the PE conductor or fault current above rated values cause an **interruption of L and N**. The PE conductor **stays closed** and keeps being monitored!

6. The integral surge voltage protection detects 400 VAC and 220 VDC and does not allow these to pass (a weak point occurs).

7. Undervoltage will be recognized and the **PRCD-S+** switches off.

8. The **PRCD-S+** recognises conductor interruptions or wiring errors from the source system.

9. The **PRCD-S+** from PCE is very handy and light weight, much simpler in comparison to an isolation transformer and cheaper in acquisition and usage.

PCE’s **PRCD-S+** protects the user against incorrect electrical installations.

- N or L conductor interrupted
- External voltage on the PE conductor
- Surge voltage
- Wiring errors (L and PE conductor reversed)
- PE conductor interrupted
- Undervoltage or voltage failure
- DC voltage
- Fault currents with rated values of 30mA (or 10mA)

[www.prcd-s.info](http://www.prcd-s.info)
## 230V-50Hz

<table>
<thead>
<tr>
<th>Cat.No.</th>
<th>AMP</th>
<th>POLES</th>
<th>IP</th>
</tr>
</thead>
<tbody>
<tr>
<td>A967011355</td>
<td>16</td>
<td></td>
<td>55</td>
</tr>
</tbody>
</table>

**PRCD-S+ Mobile Personal Protection Device**
- for direct use inline with connection cords
- Cable inline version PRCD-S+ 230V 16A 30mA IP55

<table>
<thead>
<tr>
<th>Cat.No.</th>
<th>AMP</th>
<th>POLES</th>
<th>IP</th>
</tr>
</thead>
<tbody>
<tr>
<td>A9250027</td>
<td>16</td>
<td></td>
<td>44</td>
</tr>
</tbody>
</table>

**PRCD-S+ Safety Cable Reel XREEL®250 Device**
- 25m H07RN-F 3G1,5
- 3x safety sockets (individually replaceable) with sealing bulge and self closing hinged lid 16A 250V, thermo protection switch and rubber safety plug (dual earthing system)
- Including mobile personal protection device PRCD-S+ 16A 250V- 30mA, IP44

<table>
<thead>
<tr>
<th>Cat.No.</th>
<th>AMP</th>
<th>POLES</th>
<th>IP</th>
</tr>
</thead>
<tbody>
<tr>
<td>A9350001p</td>
<td>16</td>
<td></td>
<td>44</td>
</tr>
</tbody>
</table>

**PRCD-S+ Safety Cable Reel XREEL®310**
- 40m H07RN-F 3G2,5
- 4x safety sockets (individually replaceable) with sealing bulge and self closing hinged lid 16A 250V, thermo protection switch, power indicator light and rubber safety plug (dual earthing system)
- Including mobile personal protection device PRCD-S+ 16A 250V- 30mA, IP44