



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



230V~

PRCD-S+ Safety Protection Devices

50Hz

Cat.No.

AMP

POLES

IP

A967011355

16

55

PRCD-S+ Mobile Personal Protection Device

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



A9250027

16

44

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



A9350001-p

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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



TEC