

DATA SHEET PRCD

PRCD intermediate switch

30 mA personal protection intermediate switch for permanent connection to the supply cable. For cable connections on both sides. Protection class IP 66. The PRCD can easily be operated with gloves via the push-button.

Technical data PRCD

- Tested according to: EN 61242, DIN VDE 0620, VDE 0661, DIN EN 50525-2
- Rated residual current 30 mA
- Undervoltage release
- Tripping time less than 30 ms
- IP44: protected against foreign bodies and splash water



What is the difference between a PRCD and a PRCD-S?

PRCD

The PRCD is a portable personal protective device with an electronic residual current release and undervoltage release.

- The PRCD detects fault currents that occur, for example, when touching a faulty electrical appliance and interrupts the current flow so quickly that life-threatening accidents can be prevented.
- It also has an undervoltage release that switches off in the event of a mains voltage failure to prevent secondary accidents.

PRCD-S

The PRCD-S is an omnipolar switching, portable residual current device designed as an intermediate cord device. residual current device with electronic residual current evaluation.

Additional functions compared to the PRCD:

- Checks the socket outlet to see whether the phase L, the neutral conductor N and the protective conductor PE are present and are correctly connected or not reversed.
- Only allows current to be drawn from a safe socket.
- Checks the protective conductor when switching on.
- Monitors the protective earth conductor during operation.
- Cannot be switched on if a fault is detected.
- Switches off automatically as soon as a fault occurs (e.g. protective conductor break).
- Does not switch off if the protective earth conductor is voltage is applied to the protective earth conductor, e.g. by drilling into an external line. Since the PRCD-S does not switch off in this case, the upstream protective protective device can respond and interrupt the circuit.

YOUR CONTACT

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