

MEDDELELSE
Elmateriel
nr. 11/09-UK

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MVE

Adaptors

Intermediate adaptors (Plugs and socket-outlets with time switches, meters, etc.)

The basic rules for construction and testing of intermediate adaptors (plugs and socket-outlets with time switches, meters, etc.) are met when the international standard DS/IEC 60884-1 and DS/IEC 60884-2-5 is applied.

In accordance with MEDDELELSE/Elmateriel no. 8/09, a plug, that transfers protective earth to devices with incorporated socket-outlets with protective earth to supply of other equipment, shall be used.

It is allowed to manufacture time switches, meters etc. in the following two alternative versions with plugs and socket-outlets according to the standard sheets in the Danish heavy current regulation, section 107-2-D1, 5th edition;

- intermediate adaptors with protective earth shall be provided with protective earth in the plug as well as in the socket-outlet
- intermediate adaptors without protective earth shall be without protective earth in the plug as well as in the socket-outlet (with or without dummy hole).

Travelling adaptors

Socket-outlets for domestic use are not the same around the world and it can be necessary to use adaptors when travelling.

These travelling adaptors are not covered by a completely adequate international or European standard, but plug part and socket-outlet part shall meet the requirements in DS/IEC 60884-1 and DS/IEC 60884-2-5. Furthermore, they must meet the special national requirements applying to each of the national plug part and socket-outlet part of the adaptor.

SIKKERHEDSSTYRELSEN

Nørregade 63

6700 Esbjerg

Tlf 33 73 20 00

Fax 33 73 20 99

sik@sik.dk

www.sikkerhedsstyrelsen.dk

CVR-nr. 27 40 31 23

ØKONOMI- OG

ERHVERVSMINISTERIET

As a consequence of that a Danish plug and socket-outlet, in addition to the standards mentioned, must apply to the requirements and the standard sheets of the Danish heavy current regulation, section 107-2-D1, 5th edition as well.

The Danish Safety Technology Authority accepts that travelling adaptors that meet the standards are used temporarily during travel and stay in Denmark, even though the socket-outlet does not meet the standard sheets in the Danish heavy current regulation, section 107-2-D1, 5th edition.

Adaptors shall be marked with the manufacturer's or the responsible vendor's name, trade mark or identification mark, rated voltage and rated current.

The rated voltage is the voltage applying to the national standard or the voltage the adaptor is allowed to be used at. The rated current that must be marked at the adaptor is the lowest of the rated currents applying to the plug part or the socket-outlet part of the adaptor.

Travelling adaptors must not in any circumstances pose a danger when touched. E.g. that applies to adaptors where different pins can be opened. In such cases it is required that the unused parts of the adaptor are not live.

As plugs and socket-outlets for domestic use are not covered by the Low voltage directive or other CE marking directives the adaptors shall not be CE marked.
