

Table IV
***Allowable values of continuous LEAKAGE and PATIENT AUXILIARY CURRENTS, in milliamperes**

Current	Type B		Type BF		Type CF		
	N.C.	S.F.C.	N.C.	S.F.C.	N.C.	S.F.C.	
EARTH LEAKAGE CURRENT general	0,5	1 ¹⁾	0,5	1 ¹⁾	0,5	1 ¹⁾	
EARTH LEAKAGE CURRENT for EQUIPMENT according to notes 2) and 4)	2,5	5 ¹⁾	2,5	5 ¹⁾	2,5	5 ¹⁾	
EARTH LEAKAGE CURRENT for EQUIPMENT according to note 3)	5	10 ¹⁾	5	10 ¹⁾	5	10 ¹⁾	
ENCLOSURE LEAKAGE CURRENT	0,1	0,5	0,1	0,5	0,1	0,5	
PATIENT LEAKAGE CURRENT according to note 5)	d.c.	0,01	0,05	0,01	0,05	0,01	0,05
	a.c.	0,1	0,5	0,1	0,5	0,01	0,05
PATIENT LEAKAGE CURRENT (MAINS VOLTAGE on the SIGNAL INPUT PART OR SIGNAL OUTPUT PART)	–	5	–	–	–	–	
PATIENT LEAKAGE CURRENT (MAINS VOLTAGE on the APPLIED PART)	–	–	–	5	–	0,05	
PATIENT AUXILIARY CURRENT according to note 5)	d.c.	0,01	0,05	0,01	0,05	0,01	0,05
	a.c.	0,1	0,5	0,1	0,5	0,01	0,05

N.C.: NORMAL CONDITION
S.F.C.: SINGLE FAULT CONDITION
Notes on Table IV

1) The only SINGLE FAULT CONDITION for the EARTH LEAKAGE CURRENT is the interruption of one supply conductor at a time (see Sub-clause 19.2a) and Figure 16).

2) EQUIPMENT which has no PROTECTIVELY EARTHED ACCESSIBLE PARTS and no means for the protective earthing of other EQUIPMENT and which complies with the requirements for the ENCLOSURE LEAKAGE CURRENT and for the PATIENT LEAKAGE CURRENT (if applicable).
Example:
Some computers with a screened MAINS PART.

3) EQUIPMENT specified to be permanently installed with a PROTECTIVE EARTH CONDUCTOR which is electrically so connected that the connection can only be loosened with the aid of a TOOL and which is so fastened or otherwise so secured mechanically at a specific location that it can only be moved after the use of a TOOL.
Examples of such EQUIPMENT are:

- Major components of an X-ray installation such as the X-ray generator, the examination or treatment table.
- EQUIPMENT with mineral insulated heaters.
- EQUIPMENT with an EARTH LEAKAGE CURRENT higher than stated in Table IV, first line, which is due to compliance with requirements for radio-interference suppression.

4) MOBILE X-ray EQUIPMENT and MOBILE EQUIPMENT with mineral insulation.

5) The maximum values for the a.c. component of the PATIENT LEAKAGE CURRENT and of the PATIENT AUXILIARY CURRENT specified in table IV refer to the a.c.-only component of the currents.

*See rationale for 19.3