

| IEC 950 | | | | | |
|--|--------------------|------|-------|-----------------|--|
| Clause | Requirement – Test | | | Result – Remark | Verdict |
| Tested with DC/AC Inverter, mfr.: Sampo, type: L0135 | | | | | |
| CON2 pin 1 to pin 2 | 33.6 | 16.8 | 47.71 | 33.3 | normal |
| CON2 pin 1 to pin 2 | 43.6 | 21.8 | 91.71 | 64.1 | with C12 shorted |
| CON2 pin 1 to pin 2 | -- | -- | -- | -- | with C11 shorted, unit shutdown. |
| CON2 pin 1 to pin2 | 37.2 | 18.6 | 46.84 | 32.7 | with Q5 (pin 1-5) shorted |
| CON2 pin 1 to pin2 | -- | -- | -- | -- | with L1 shorted, unit shutdown. |
| PT1 pin 9 to pin7 | -- | -- | -- | -- | normal condition, unit shutdown. |
| CON2 pin 1 to earthed | -- | -- | -- | -- | normal condition, unit shutdown. |
| CON2 pin 1 to earthed | -- | -- | -- | -- | with C12 shorted, unit shutdown. |
| CON2 pin 1 to earthed | -- | -- | -- | -- | with C11 shorted, unit shutdown. |
| CON2 pin 1 to earthed | -- | -- | -- | -- | with Q5 (pin 1-5) shorted, unit shutdown. |
| CON2 pin 1 to earthed | -- | -- | -- | -- | with L1 shorted, unit shutdown. |
| PT1 pin 9 to earthed | -- | -- | -- | -- | normal condition, unit shutdown. |
| CON2 pin 2 to earthed | 4.92 | 2.46 | 49.69 | 34.7 | normal condition, unit shutdown. |
| CON2 pin 2 to earthed | 4.12 | 2.06 | 92.15 | 64.5 | with C12 shorted |
| CON2 pin 2 to earthed | 4.6 | 2.3 | 49.22 | 34.4 | with Q5 (pin 1-5) shorted |
| CON2 pin 2 to earthed | -- | -- | -- | -- | with L1 shorted, unit shutdown. |
| PT1 pin 7 to earthed | -- | -- | -- | -- | normal condition, unit shutdown. |
| Tested with DC/AC Inverter, mfr.: Sampo, type: L0134 | | | | | |
| CON2 pin 1 to pin 2 | 19.6 | 9.8 | 44.44 | 31.1 | normal |
| CON2 pin 1 to pin 2 | 21.4 | 10.7 | 135.2 | 70 | with C11 shorted |
| CON2 pin 1 to pin 2 | 23.4 | 11.9 | 42.43 | 29.7 | with L1 shorted |
| CON2 pin 1 to pin 2 | 44.4 | 22.2 | 45.54 | 31.8 | with IC1 (pin 1-8) shorted |
| PT1 pin 7 to pin10 (earthed) | -- | -- | -- | -- | normal condition, unit shutdown. |
| CON2 pin 1 to earthed | -- | -- | -- | -- | normal condition, unit shutdown. |
| CON2 pin 1 to earthed | -- | -- | -- | -- | with C11 shorted, unit shutdown. |
| CON2 pin 1 to earthed | -- | -- | -- | -- | with L1 shorted, unit shutdown. |
| CON2 pin 1 to earthed | -- | -- | -- | -- | with IC1 (pin 1-8) shorted, unit shutdown. |
| CON2 pin 2 to earthed | 8.8 | 4.4 | 46.41 | 32.4 | normal condition, unit shutdown. |

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| CON2 pin 2 to earthed | 9.1 | 4.5 | 141.1 | 70 | with C11 shorted |
| CON2 pin 2 to earthed | 8.9 | 4.45 | 49.9 | 34.9 | with L1 shorted |
| CON2 pin 2 to earthed | 12.3 | 6.15 | 46.68 | 32.6 | with IC1 (pin 1-8) shorted |
| Tested with DC/AC Inverter, mfr.: Emax, type: PLCD0615205 | | | | | |
| CN2 pin 1 to pin 2 | 37.6 | 18.8 | 47.12 | 32.98 | normal condition |
| CN2 pin 1 to pin 2 | 42.0 | 21.0 | 103.9 | 70 | with C4 shorted |
| CN2 pin 1 to pin 2 | 38.8 | 19.4 | 48.49 | 33.9 | with L1 shorted |
| CN2 pin 1 to pin 2 | 48.4 | 24.2 | 45.36 | 31.7 | with Q5 (pin 1-8) shorted |
| PT1 pin 8 to pin 9 (Earth) | -- | -- | -- | -- | normal condition, unit shutdown. |
| CN2 pin 1 to earthed | -- | -- | -- | -- | normal condition, unit shutdown. |
| CN2 pin 1 to earthed | -- | -- | -- | -- | with C4 shorted, unit shutdown. |
| CN2 pin 1 to earthed | -- | -- | -- | -- | with L1 shorted, unit shutdown. |
| CN2 pin 1 to earthed | -- | -- | -- | -- | with Q5 (pin 1-8) shorted, unit shutdown. |
| CN2 pin 2 to earthed | 4.92 | 2.46 | 47.74 | 33.4 | normal condition |
| CN2 pin 2 to earthed | 5.24 | 2.62 | 105.4 | 70 | with C4 shorted |
| CN2 pin 2 to earthed | 4.8 | 2.4 | 42.7 | 29.8 | with L1 shorted |
| CN2 pin 2 to earthed | 6.56 | 3.28 | 46.43 | 32.5 | with Q5 (pin 1-8) shorted |
| Tested with DC/AC Inverter, mfr.: TDK, type: TAD776-1 | | | | | |
| W1 pin 1 to pin 2 | 33.2 | 16.6 | 43.73 | 30.6 | normal condition |
| W1 pin 1 to pin 2 | -- | -- | -- | -- | with Q1 (B-E) shorted, unit shutdown. |
| W1 pin 1 to pin 2 | 32.8 | 16.4 | 43.32 | 30.3 | with Q7 (B-E) shorted |
| W1 pin 1 to pin 2 | 32.0 | 16.0 | 43.59 | 30.5 | with CR4 (1-3) shorted |
| W1 pin 1 to pin 2 | -- | -- | -- | -- | with C21 shorted, unit shutdown. |
| W1 pin 1 to pin 2 | -- | -- | -- | -- | with Q2 (1-8) shorted, unit shutdown. |
| W1 pin 1 to pin 2 | -- | -- | -- | -- | with CR3 shorted, unit shutdown. |
| T1 pin 5 to Earth | 33.2 | 16.6 | 43.38 | 30.4 | normal condition |
| T1 pin 5 to Earth | 32.0 | 16.0 | 43.73 | 30.6 | with Q1 (B-E) shorted |
| T1 pin 5 to Earth | 32.4 | 16.2 | 43.29 | 30.3 | with Q7 (B-E) shorted |
| T1 pin 5 to Earth | 33.2 | 16.6 | 43.52 | 30.4 | with CR4 (1-3) shorted |
| T1 pin 5 to Earth | -- | -- | -- | -- | with C21 shorted, unit shutdown. |

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| T1 pin 5 to Earth | -- | -- | -- | -- | with Q2 (1-8) shorted, unit shutdown. |
| T1 pin 5 to Earth | -- | -- | -- | -- | with CR3 shorted, unit shutdown. |
| W1 pin 1 to Earth | 33.2 | 16.6 | 43.98 | 30.7 | normal condition |
| W1 pin 1 to Earth | -- | -- | -- | -- | with Q1 (B-E) shorted, unit shutdown. |
| W1 pin 1 to Earth | 31.6 | 15.8 | 43.14 | 30.19 | with Q7 (B-E) shorted |
| W1 pin 1 to Earth | 32.8 | 16.4 | 43.41 | 30.3 | with CR4 (1-3) shorted |
| W1 pin 1 to Earth | -- | -- | -- | -- | with C21 shorted, unit shutdown. |
| W1 pin 1 to Earth | -- | -- | -- | -- | with Q2 (1-8) shorted, unit shutdown. |
| W1 pin 1 to Earth | -- | -- | -- | -- | with CR3 shorted, unit shutdown. |
| W1 pin 2 to Earth | 1.24 | 0.62 | 86.68 | 60.6 | normal condition |
| W1 pin 2 to Earth | -- | -- | -- | -- | with Q1 (B-E) shorted, unit shutdown. |
| W1 pin 2 to Earth | 1.64 | 0.82 | 80.45 | 56.3 | with Q7 (B-E) shorted |
| W1 pin 2 to Earth | 1.68 | 0.84 | 80.81 | 56.5 | with CR4 (1-3) shorted |
| W1 pin 2 to Earth | -- | -- | -- | -- | with C21 shorted, unit shutdown. |
| W1 pin 2 to Earth | -- | -- | -- | -- | with Q2 (1-8) shorted, unit shutdown. |
| W1 pin 1 to Earth | -- | -- | -- | -- | with CR3 shorted, unit shutdown. |
| | | | | | |
| | | | | | |
| Output measured with an 2 kΩ resistor as load. | | | | | |

| 2.5.11 | TABLE: ground continue test <i>Class III equipment, no earthing.</i> | | N |
|----------|---|----------|---|
| Location | Resistant measured (Ω) | Comments | |
| | | | |
| | | | |
| | | | |

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| 2.9.2 and 2.9.3 | TABLE: clearance and creepage distance measurements | | | | | N |
|---|---|--------------|------------------|---------|-------------------|----------|
| clearance cl and creepage distance dcr at/of: | Up (V) | U r.m.s. (V) | required cl (mm) | cl (mm) | required dcr (mm) | dcr (mm) |
| Only SELV and LCC inside the unit. | | | | | | |
| | | | | | | |
| | | | | | | |
| Operational insulation shorted, see 5.4.4. | | | | | | |

| 2.9.4.1 | TABLE: distance through insulation measurements | | | | N |
|---------------------------------------|---|------------------|------------------|---------|---|
| distance through insulation di at/of: | U r.m.s. (V) | test voltage (V) | required di (mm) | di (mm) | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| 2.11 | TABLE: limited power source measurement | | | P |
|--|---|--------------------|---------|---|
| For Delta's adapter, type ADP-40TB | | | | |
| U _{oc} = 12.18 V (measured under no load conditions) | | | | |
| | Limits | Measured | Verdict | |
| According to Table 8 with the max. normal load conditions | | | | |
| current(A) | ≤ 8 | 4 | P | |
| power(VA) | ≤ 5 x U _{oc} | 40.9 | P | |
| According to Table 8 with the max. load conditions with shorted C558 | | | | |
| current(A) | ≤ 8 | 0 (unit shut down) | P | |
| power(VA) | ≤ 5 x U _{oc} | 0 (unit shut down) | P | |
| According to Table 8 with the max. load conditions with shorted R63 | | | | |
| current(A) | ≤ 8 | 0 (unit shut down) | P | |



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| Clause | Requirement – Test | Result – Remark | Verdict |
| | power(VA) | $\leq 5 \times U_{oc}$ | 0 (unit shut down) P |
| According to Table 8 with the max. load conditions with shorted R8 | | | |
| | current(A) | ≤ 8 | 3.9 P |
| | power(VA) | $\leq 5 \times U_{oc}$ | 40.57 P |
| According to Table 8 with the max. load conditions with shorted R9 | | | |
| | current(A) | ≤ 8 | 3.9 P |
| | power(VA) | $\leq 5 \times U_{oc}$ | 19.1 P |
| According to Table 8 with the max. load conditions with shorted IC2 pin 3 – 4 | | | |
| | current(A) | ≤ 8 | 0 (unit shut down) P |
| | power(VA) | $\leq 5 \times U_{oc}$ | 0 (unit shut down) P |
| According to Table 8 with the max. load conditions with opened IC2 pin 1 | | | |
| | current(A) | ≤ 8 | 0 (unit shut down) P |
| | power(VA) | $\leq 5 \times U_{oc}$ | 0 (unit shut down) P |

| 4.3.15/16 & 4.4.6 | Table: enclosure openings | N |
|-------------------|---------------------------|----------|
| Location | Size (mm) | Comments |
| | | |
| | | |
| | | |

| | | | |
|---------------------------------|--------------------------------------|------------------------------------|-----------------|
| 5.1 | TABLE: temperature rise measurements | | P |
| | test voltage (V) | 100V-10%/240V+10% (for AC adapter) | — |
| | t1 (°C) | | — |
| | t2 (°C) | | — |
| temperature rise dT of part/at: | | dT (K) | required dT (K) |

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| Clause | Requirement – Test | Result – Remark | Verdict |
| Tested with adapter, mfr.: Linearity, type: LAD6019AB4, main control PCB no.: Pro2K500 REV:B, A type enclosure | | | |
| | PT1 core for DC/AC Inverter transformer (105°C) | 45.9/44.8 | 65 |
| | PT2 core for DC/AC Inverter transformer (105°C) | 40.4/38.4 | 65 |
| | L1 coil for DC/AC Inverter transformer (105°C) | 46.9/46.7 | 65 |
| | L2 coil for DC/AC Inverter transformer (105°C) | 45.9/45.4 | 65 |
| | PCB near L2 core for DC/AC Inverter (105°C) | 41.7/42.1 | 65 |
| | U5 for LCD monitor | 32.5/39.4 | -- |
| | L31 coil for LCD monitor (105°C) | 30.2/23.8 | 65 |
| | enclosure for LCD monitor | 6.4/9.3 | 55 |
| | T02 coil for AC adaptor (class A) | 40.3/32.3 | 50 |
| | T02 core for AC adaptor (class A) | 37.5/30.1 | 50 |
| | T01 coil for AC adaptor (130°C) | 28.8/26.1 | 90 |
| | T03 coil for AC adaptor (105°C) | 21.6/18.5 | 65 |
| | heat sink of D03 for AC adaptor | 30.8/23.3 | -- |
| | heat sink of Q01 for AC adaptor | 29.9/27.2 | -- |
| | enclosure for AC adaptor | 24.2/19.6 | 55 |
| | room ambient at | 26.4°C/26.0°C | -- |
| Tested with adapter, mfr.: Linearity, type: LAD6019AB4, E type enclosure, main control PCB no.: Pro2K500 REV:B | | | |
| | enclosure for LCD monitor | 8.6 / 8.3 | 55 |
| | U3 body for LCD monitor | 26.2 / 26.0 | -- |
| | U5 body for LCD monitor | 35.3 / 35.0 | -- |
| | PCB under U2 for LCD monitor | 29.3 / 29.0 | 65 |
| | L31 coil for LCD monitor (105°C) | 36.3 / 36.1 | 65 |
| | L1 coil for DC/AC Inverter (105°C) | 39.3 / 39.3 | 65 |
| | PT1 core for DC/AC Inverter transformer (105°C) | 41.2 / 41.2 | 65 |
| | T02 coil for AC adaptor (class A) | 24.9/ 33.5 | 50 |
| | T02 core for AC adaptor (class A) | 24.5 / 32.7 | 50 |
| | Heatsink of Q01 for AC adaptor | 20.9 / 29.7 | -- |
| | enclosure for AC adaptor | 17.4 / 23.5 | 55 |
| | room ambient at | 25°C / 24.4°C | -- |



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| Clause | Requirement – Test | Result – Remark | Verdict |
| Tested with adapter, mfr.: Linearity, type: LAD6019AB4, D type enclosure, main control PCB no.: Pro2K500 REV:B | | | |
| | PT1 core for DC/AC Inverter transformer (105°C) | 30.6 / 30.5 | 65 |
| | PT2 core for DC/AC Inverter transformer (105°C) | 30.7 / 30.4 | 65 |
| | L1 coil for DC/AC Inverter transformer (105°C) | 38.7 / 38.4 | 65 |
| | L2 coil for DC/AC Inverter transformer (105°C) | 40.8 / 40.4 | 65 |
| | PCB near L2 coil for DC/AC Inverter | 16.3 / 16.2 | 65 |
| | enclosure for LCD monitor | 4.8 / 4.4 | 55 |
| | room ambient at | 26.1°C / 26.1°C | -- |
| Tested with adapter, mfr.: Delta, type ADP-40TB, B type enclosure, main control PCB no.: Pro2K500 REV:B with audio circuitry | | | |
| | PT1 core for DC/AC Inverter transformer (105°C) | 44.1 / 43.9 | 65 |
| | PT2 core for DC/AC Inverter transformer (105°C) | 31.9 / 31.8 | 65 |
| | L1 coil for DC/AC Inverter transformer (105°C) | 40.8 / 40.7 | 65 |
| | L2 coil for DC/AC Inverter transformer (105°C) | 39.2 / 39.1 | 65 |
| | PCB near L2 coil for DC/AC Inverter | 40.6 / 40.5 | 65 |
| | U5 for LCD monitor | 38.6 / 38.5 | -- |
| | L31 coil for LCD monitor (105°C) | 30.7 / 30.6 | 65 |
| | enclosure for LCD monitor | 4.7 / 4.7 | 55 |
| | FL1 for AC adaptor (105°C) | 27.7 / 28.4 | 65 |
| | FL2 for AC adaptor (105°C) | 26.3 / 30.9 | 65 |
| | C1 top for AC adaptor (85°C) | 32.6 / 37.1 | 45 |
| | T1 coil for AC adaptor (class A) | 33.7 / 40.6 | 50 |
| | T1 core for AC adaptor (class A) | 32.6 / 39.1 | 50 |
| | heat sink of HS1 for AC adaptor | 30.1 / 41.1 | -- |
| | heat sink of HS2 for AC adaptor | 30.6 / 34.0 | -- |
| | PCB near NTC1 for AC adaptor | 29.6 / 32.4 | 55 |
| | room ambient at | 28.7°C / 28.7°C | -- |
| * mean the limits of temperature for power transformer of power adaptor which its assumed as class A. | | | |
| Tested with adapter, mfr.: Li Shin, type LSE9901B1250, B type enclosure, main control PCB no.: Pro2K500 REV:B with audio circuitry | | | |
| | PT1 core for DC/AC Inverter transformer (105°C) | 43.5 / 44.1 | 65 |
| | PT2 core for DC/AC Inverter transformer (105°C) | 31.7 / 32.2 | 65 |

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| Clause | Requirement – Test | Result – Remark | Verdict |
| | L1 coil for DC/AC Inverter transformer (105°C) | 39.9 / 40.6 | 65 |
| | L2 coil for DC/AC Inverter transformer (105°C) | 38.7 / 39.3 | 65 |
| | PCB near L2 coil for DC/AC Inverter (105°C) | 39.6 / 40.2 | 65 |
| | U5 for LCD monitor | 37.7 / 38.2 | -- |
| | L31 coil for LCD monitor (105°C) | 29.6 / 30.4 | 65 |
| | enclosure for LCD monitor | 4.3 / 4.7 | 55 |
| | LF1 coil for AC adaptor (105°C) | 22.7 / 23.1 | 65 |
| | LF2 coil for AC adaptor (105°C) | 19.9 / 24.0 | 65 |
| | C1 top for AC adaptor (85°C) | 24.3 / 29.2 | 45 |
| | T1 coil for AC adaptor (class A) | 29.2 / 25.8 | 50 |
| | T1 core for AC adaptor (class A) | 27.7 / 33.6 | 50 |
| | heat sink of HS1 for AC adaptor | 20.3 / 30.5 | -- |
| | heat sink of HS2 for AC adaptor | 25.5 / 27.9 | -- |
| | PCB near BD1 for AC adaptor | 25.7 / 36.6 | 55 |
| | room ambient at | 28.5°C / 28.2°C | -- |
| * mean the limits of temperature for power transformer of power adaptor which its assumed as class A. | | | |
| Tested with adapter, mfr.: Linearity, type: LAD6019AB4, main control PCB no.: 200-101-5001, F type enclosure | | | |
| | T01 coil for AC adaptor (130°C) | 28.1/35.5 | 90 |
| | T01 core for AC adaptor (130°C) | 27.1/33.3 | 90 |
| | T02 coil for AC adaptor (class A) | 36.9/48.9 | 50 |
| | T02 core for AC adaptor (class A) | 35.3/47.1 | 50 |
| | T03 coil for AC adaptor (105°C) | 18.2/23.5 | 65 |
| | C02 top for AC adaptor (105°C) | 32.9/35 | 65 |
| | Heat sink of HS1 for AC adaptor | 27.8/34 | -- |
| | Heat sink of HS2 for AC adaptor | 27.7/36.4 | -- |
| | PCB near NTC for AC adaptor | 28.6/26.0 | 65 |
| | PT1 core for DC/AC Inverter transformer (105°C) | 47.0/47.1 | 65 |
| | PT2 core for DC/AC Inverter transformer (105°C) | 34.9/35.4 | 65 |
| | L1 coil for DC/AC Inverter (105°C) | 34.6/35.2 | 65 |
| | L2 coil for DC/AC Inverter (105°C) | 39.5/39.8 | 65 |
| | U5 for LCD monitor | 34.2/35.1 | -- |

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| | L31 coil for LCD monitor (105°C) | 33.9/34.3 | 65 |
| | PCB near L2 coil for DC/AC Inverter | 42.0/42.4 | 65 |
| | Enclosure for LCD monitor | 10.0/10.3 | 55 |
| | room ambient at | 24.7°C/24.6°C | -- |
| AC adapter (For Li Shin's, type LSE9901B1250), B type enclosure, with audio circuitry, main control PCB no.: 200-101-AV | | | |
| | LF1 coil (105°C) | 34.7/29.8 | 65 |
| | LF2 coil (105°C) | 33.1/31.0 | 65 |
| | T1 coil (class A) | 43.6/49.0 | 50 |
| | T1 core (class A) | 40.6/46.1 | 50 |
| | Heat sink of HS1 | 31.4/32.8 | -- |
| | PCB near HS1 (105°C) | 24.1/27.1 | 65 |
| | Enclosure | 21.1/23.5 | 55 |
| LCD monitor | | | |
| | PT1 coil (DC/AC Inverter transformer) (105°C) | 48.8/49.7 | 65 |
| | PT1 core (DC/AC Inverter transformer) (105°C) | 45.5/45.8 | 65 |
| | L1 coil (DC/AC Inverter transformer) (105°C) | 38.7/39.3 | 65 |
| | L2 coil (DC/AC Inverter transformer) (105°C) | 38.1/37.8 | 65 |
| | PCB near L2 coil (DC/AC Inverter) (105°C) | 32.5/38.3 | 65 |
| | U9 | 27.9/27.8 | -- |
| | U1 | 27.1/25.9 | -- |
| | TL1 coil (105°C) | 29.9/29.4 | 65 |
| | Enclosure | 2.9/1.6 | 55 |
| | Ambient temperature at: | 21.3°C/21.7°C | -- |
| AC adapter (For Li Shin's, type LSE9901B1250), B type enclosure, with audio circuitry, main control PCB no.: 200-101-AV02 | | | |
| | C1 body (85°C) | 36.0/35.6 | 45 |
| | LF2 coil (105°C) | 32.1/28.3 | 65 |
| | T1 coil (class A) | 39.9/44.3 | 50 |
| | T1 core (class A) | 38.2/42.4 | 50 |
| | Enclosure | 16.3/15.2 | 55 |
| LCD monitor | | | |
| | PCB near U9 | 41.6/42.1 | 65 |

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| | U1 body | 32.1/32.4 | -- |
| | PCB near U4 | 42.0/42.3 | 65 |
| | TL1 coil (105°C) | 38.5/38.9 | 65 |
| | PCB near TL1 | 31.6/31.9 | 65 |
| | PCB near U11 | 36.4/36.6 | 65 |
| | PT2 coil (DC/AC Inverter transformer) (130°C) | 40.3/40.5 | 90 |
| | PT2 core (DC/AC Inverter transformer) (130°C) | 35.2/35.4 | 90 |
| | L2 coil (DC/AC Inverter transformer) (105°C) | 38.3/38.4 | 65 |
| | PCB near L2 coil (DC/AC Inverter) (105°C) | 37.7/37.8 | 65 |
| | C5 body (DC/AC Inverter) (85°C) | 37.0/37.1 | 45 |
| | C13 body (DC/AC Inverter) (85°C) | 33.3/33.4 | 45 |
| | Enclosure | 8.6/8.3 | 55 |
| | Ambient temperature at: | 26.2°C/25.7°C | -- |
| AC adapter (For Lien Chang's, type LCA01F), H type enclosure, with audio circuitry, main control PCB no.: 200-101-AV02 | | | |
| | PT1 core for DC/AC Inverter transformer (105°C) | 51.6 / 50.4 | 65 |
| | PT2 core for DC/AC Inverter transformer (105°C) | 38.7 / 38.1 | 65 |
| | L1 coil for DC/AC Inverter (105°C) | 38.9 / 38.5 | 65 |
| | PCB near L1 for DC/AC Inverter (105°C) | 43.7 / 43.1 | 65 |
| | U8 for LCD monitor | 40.6 / 40.4 | -- |
| | L7 coil for LCD monitor (105°C) | 38.6 / 38.4 | 65 |
| | enclosure for LCD monitor | 8.7 / 8.6 | 55 |
| | NF1 coil for AC adaptor (105°C) | 19.8 / 18.3 | 65 |
| | NF2 coil for AC adaptor (105°C) | 21.1 / 18.9 | 65 |
| | C1 body for AC adaptor (85°C) | 24.8 / 25.7 | 45 |
| | T1 coil for AC adaptor (class E) | 27.5 / 30.8 | 65 |
| | T1 core for AC adaptor (class E) | 25.0 / 28.0 | 65 |
| | heat sink of Q1 for AC adaptor | 16.7 / 17.7 | -- |
| | PCB near L1 for AC adaptor | 24.8 / 26.6 | 65 |
| | enclosure for AC adaptor | 9.4 / 9.3 | 55 |
| | room ambient at | 28.1°C/28.9°C | -- |
| AC adapter (For Li shin's, type LSE0107A1236), main control PCB no.: 200-100-SH570 REV:S3, enclosure type H | | | |

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| Clause | Requirement – Test | Result – Remark | Verdict |
| | PT1 coil for DC/AC Inverter transformer (105°C) | 40.8/38.3 | 65 |
| | PT1 coil for DC/AC Inverter transformer (105°C) | 38.2/36.4 | 65 |
| | L1 coil for DC/AC Inverter (105°C) | 38.6/36.7 | 65 |
| | PCB near L1 for DC/AC Inverter (105°C) | 43.1/41.2 | 65 |
| | U8 for LCD monitor | 40.0/38.2 | -- |
| | L7 coil for LCD monitor (105°C) | 38.4/36.6 | 65 |
| | enclosure inside for LCD monitor | 8.4/6.5 | -- |
| | enclosure outside for LCD monitor | 6.0/4.1 | 55 |
| | LF1 coil for AC adaptor (105°C) | 17.8/18.4 | 65 |
| | NL2 coil for AC adaptor (105°C) | 18.5/19.9 | 65 |
| | C2 body for AC adaptor (85°C) | 25.2/23.5 | 45 |
| | T1 coil for AC adaptor (class A) | 30.4/25.8 | 50 |
| | T1 core for AC adaptor (class A) | 27.8/23.3 | 50 |
| | heat sink of Q2 for AC adaptor | 17.2/15.0 | -- |
| | PCB near C2 for AC adaptor (105°C) | 26.2/23.1 | 65 |
| | enclosure for AC adaptor | 9.5/7.8 | 55 |
| | room ambient at | 27.9°C /29.7°C | -- |
| AC adapter (For FSP's , type: FSP036-1AD101C, main control PCB no.: 200-100-AS573 REV:S1, D/A inverter: MPT, type M074, Panel: TORISAN, type TM150XG-26L06A, enclosure type I | | | |
| | U8 for LCD monitor | 35.9 / 36.0 | -- |
| | U2 for LCD monitor | 27.3 / 27.5 | -- |
| | L7 coil for LCD monitor (105°C) | 18.4 / 18.5 | 65 |
| | L19 coil for LCD monitor (105°C) | 20.3 / 20.3 | 65 |
| | T1 coil for DC/AC Inverter transformer (105°C) | 54.0 / 54.1 | 65 |
| | T1 core for DC/AC Inverter transformer (105°C) | 39.8 / 39.9 | 65 |
| | T2 coil for DC/AC Inverter transformer (105°C) | 53.6 / 53.8 | 65 |
| | T2 core for DC/AC Inverter transformer (105°C) | 36.8 / 36.9 | 65 |
| | L1 coil for DC/AC Inverter (105°C) | 40.5 / 40.6 | 65 |
| | L2 coil for DC/AC Inverter (105°C) | 39.1 / 39.2 | 65 |
| | PCB near L2 for DC/AC Inverter (105°C) | 43.5 / 43.6 | 65 |
| | enclosure inside for LCD monitor | 12.9 / 13.0 | -- |
| | enclosure outside for LCD monitor | 6.4 / 6.2 | 55 |



| IEC 950 | | | | | |
|--|--------------------|--------------------|--------|-----------------|------------------|
| Clause | Requirement – Test | | | Result – Remark | Verdict |
| T01 core for AC adaptor (class A) | | | | 26.0 / 29.3 | 50 |
| T01 coil for AC adaptor (class A) | | | | 27.4 / 31.3 | 50 |
| C5 body for AC adaptor (85°C) | | | | 22.5 / 23.4 | 45 |
| L1 coil for AC adaptor (105°C) | | | | 25.1 / 17.2 | 65 |
| enclosure for AC adaptor | | | | 11.1 / 12.4 | 55 |
| room ambient at | | | | 26.8°C/26.7°C | -- |
| | | | | | |
| temperature rise dT of winding: | R ₁ (Ω) | R ₂ (Ω) | dT (K) | required dT (K) | insulation class |
| | | | | | |
| | | | | | |
| <p>Comments:</p> <p>The temperatures were measured under worst case normal mode defined in 1.2.2.1 and as described in 1.6.1 at voltages as described in 1.6.5.</p> <p>With maximum of 40°C ambient temperature specified, the max. temperature rise is calculated as follows:</p> <p>Winding components:</p> <ul style="list-style-type: none"> ■ class A → dT_{max} = 75K - 10K - (40-25)K = 50K ■ class E → dT_{max} = 90K - 10K - (40-25)K = 65K <p>Electrolyte capacitor or components with:</p> <ul style="list-style-type: none"> ■ max. absolute temp. of 85°C → dT_{max} = (85-40) K = 45K ■ max. absolute temp. of 105°C → dT_{max} = (105-40) K = 65K ■ max. absolute temp. of 130°C → dT_{max} = (130-40) K = 90K <p>User touchable surface with:</p> <p>max. temp. rise of 70K → dT_{max} = 70K - (40-25)K = 55K</p> | | | | | |

| | | | | |
|------------------|------------------------------------|-------------------|----------|---|
| 5.2 | TABLE: leakage current measurement | | | N |
| Condition | current L→PE (mA) | current N→PE (mA) | comments | |
| | | | | |
| Input voltage | : | | | |
| Input frequency | : | | | |
| Overall capacity | : | | | |

| IEC 950 | | | |
|---------|--------------------|-----------------|---------|
| Clause | Requirement – Test | Result – Remark | Verdict |

| | | | |
|-------------------------------|---------------------------------------|------------------|-----------|
| 5.3 | TABLE: electric strength measurements | | N |
| test voltage applied between: | | test voltage (V) | breakdown |
| | | | |

| 5.4 | TABLE: fault condition tests | | | | | | P |
|-----|---|---------|--------------------------|-----------|----------|------------------|--|
| | ambient temperature (°C) | | See below | | | — | |
| | model/type of power supply | | See appended table 1.5.1 | | | — | |
| | manufacturer of power supply | | See appended table 1.5.1 | | | — | |
| | rated markings of power supply | | See appended table 1.5.1 | | | — | |
| No. | component No. | fault | test voltage (V) | test time | fuse No. | fuse current (A) | result |
| 01 | All ventilation openings (Tested with adapter, mfr.: Linearity, type: LAD6019AB4 , main control PCB no.: Pro2K500 REV:B, A type enclosure) | blocked | 240 | 1.0 hrs | -- | -- | Temperature of all parts stabled at T02 core (adaptor)= 62.0°C, T02 coil (adaptor)=64.9°C, enclosure (adaptor)= 49.3°C, enclosure (LCD monitor)= 36.3°C, ambient= 25.6°C, no hazards. |
| 02 | All ventilation openings (Tested with adapter, mfr.: Delta, type ADP-40TB, B type enclosure, main control PCB no.: Pro2K500 REV:B with audio circuitry) | blocked | 240 | 138 min | -- | -- | Temperature of all parts stabled at T1 core (adaptor) = 67.4°C, T1 coil (adaptor)= 68.8°C, PT1 core (inverter)= 76.0°C, PT2 core (inverter) =65.5°C, enclosure (LCD monitor)= 35.3°C, ambient =28.4°C, no hazards. |





IEC 950

| Clause | | Requirement – Test | | | | Result – Remark | | Verdict |
|--------|---|--------------------|-----|---------|----|-----------------|--|---------|
| 03 | All ventilation openings (Tested with adapter, mfr.: Li Shin, type LSE9901B12 50, B type enclosure, main control PCB no.: Pro2K500 REV:B with audio circuitry) | blocked | 240 | 75 min | -- | -- | Temperature of all parts stabled at T1 core (adaptor) = 61.1°C, T1 coil (adaptor)= 63°C, PT1 core (inverter)= 74.9°C, PT2 core (inverter) =64.3°C, enclosure (LCD monitor)= 34.1°C, ambient= 28.2°C, no hazards. | |
| 04 | All ventilation openings (Tested with adapter, mfr.: Linearity, type: LAD6019AB4 , main control PCB no.: Pro2K500 REV:B, E type enclosure) | blocked | 240 | 1.0 hrs | -- | -- | Temperature of all parts stabled at T02 core (adaptor)= 54.4°C, T02 coil (adaptor)=54.7°C, enclosure (adaptor)= 44.9°C, PT1 core (inverter) =65.2°C, enclosure (LCD monitor)= 32.0°C, ambient= 23.3°C, no hazards. | |
| 05 | All ventilation openings (Tested with adapter, mfr.: Linearity, type: LAD6019AB4 , main control PCB no.: 200-101- 5001, F type enclosure) | blocked | 240 | 1.0 hrs | -- | -- | Temperatures stabilized at: T02 coil (adaptor)=71.3°C, T02 core (adaptor) =69.3°C, PT1 core (inverter) = 72.3°C, PT2 core (inverter) = 60°C , Enclosure (LCD monitor) = 10.7°C, ambient= 32.0°C, no hazards. | |



| IEC 950 | | | | | | | |
|---------|---|---------|-----|---------|-----------------|----|--|
| Clause | Requirement – Test | | | | Result – Remark | | Verdict |
| 06 | All ventilation openings (Tested with adapter, mfr.: Linearity, type: LAD6019AB4 , main control PCB no.: Pro2K500 REV:B, D type enclosure) | blocked | 240 | 1.0 hrs | -- | -- | Temperatures stabilized at: PT1 core (inverter)= 58.6°C, PT2 core (inverter) = 59.3°C, Enclosure (LCD monitor)= 32.1°C, ambient= 27.3°C, no hazards. |
| 07 | All ventilation openings (Tested with adapter, mfr.: Li Shin's, type LSE9901B12 50, main control PCB no.: 200-101-AV02, B type enclosure) | blocked | 240 | 1.1 hrs | -- | -- | Temperatures stabilized at: PT2 coil (inverter)= 68.9°C, PT2 core (inverter) = 63.9°C, Enclosure (LCD monitor)= 36.1°C, ambient = 25.7°C, no hazards. |
| 08 | All ventilation openings (Tested with adapter, mfr.: FSP, type: FSP036-1AD101C, main control PCB no.: 200-100-AS573 REV:S1, I type enclosure) | blocked | 240 | 1.2 hrs | -- | -- | Temperature of all parts stabled at T01 core (adaptor)= 54.4°C, T01 coil (adaptor)=56.4°C, enclosure (adaptor)= 37.3°C, enclosure (LCD monitor)= 32.3°C, ambient = 26.0°C, no hazards. |

| National Deviation | | | |
|--|---|---------------------|----------|
| Clause | Requirement – Test | Result – Remark | Verdict |
| APPENDIX | EN 60950:1992+A1:1993+A2:1993 + A3:1995 + A4:1997 + A11:1997 TEST REPORT (IEC Publication 60950 2nd edition, 1991+Amd.1,1992+Amd.2, 1993 + Amd.3, 1995 + Amd.4, 1996) CENELEC common modification, Special National condition, Nation deviation and other information according to CB Bulletin No. 101A, December 2001 | | P |
| EXPLANATION FOR ABBREVIATIONS C=CENELEC common modification, S=Special National condition, D=National deviation, F=Other information, AT=Austria, GB=Great Britain, CH=Switzerland, DE=Germany, DK=Denmark, FI=Finland, FR=France, NO=Norway, SE=Sweden. P=Pass, F=Fail, N=Not applicable. place in the column to the right. | | | |
| 1.2.4.1 S | (DK). Certain types of Class I appliances (see sub-clause 3.2.1) may be provided with a plug not establishing earthing continuity when inserted into Danish socket-outlets. | Class III appliance | N |
| 1.5.1 D | (SE). Add the following: NOTE: Switches containing mercury such as thermostats, relay and level controllers are not allowed. | No such switch. | N |
| 1.6.4 S | (NO). Note 2: In Norway, due to the IT power system used, capacitors are required to be rated for the applicable phase-to-phase voltage (230V) | Class III appliance | N |
| 1.7.2 S | (NO). Note 4: In Norway, if separation between the mains and a communication system/network, other than public telecommunication networks, relies upon connection to safety earth, the equipment shall have a marking stating that it must be connected to an earthed mains socket-outlet. NOTE: For requirements to be connected to a public telecommunication network, see 6.2.1.4. | Class III appliance | N |
| 1.7.2 S | (SE). If the separation between the mains and a SELV terminal relies upon connection to the safety earth, the apparatus shall have a marking stating that it must be connected to an earthed mains socket-outlet when a SELV circuit is connected to network passing both unearthed and earthed electrical environment. The marking text shall be in Swedish and as follows: "Apparaten skall anslutas till jordat uttag när den ansluts till ett nätverk". | Class III appliance | N |
| 1.7.2 D | (DK). Supply cords of Class I appliances, which are delivered without a plug, must be provided with a visible tag with the following text: "Vigtigt. Lederen med grøn/gul isolation må Kun tilsluttes en klemme mærket  eller  ". If essential for the safety of the appliance, the tag must in addition be provided with a diagram, which shows the connection of the other conductors, or be provided with the following text: "For tilslutning af de øvrige ledere, se medfølgende installationsvejledning". | Class III appliance | N |
| 1.7.2 C | Delete note 4. | Deleted | N |

| National Deviation | | | |
|--------------------|---|---|----------|
| Clause | Requirement – Test | Result – Remark | Verdict |
| 1.7.5 S | (DK). Socket-outlets for providing power to other equipment shall be in accordance with the Heavy Current Regulations, Section 107-2-D1, Standard Sheet DK 1-3a, DK 1-5a or DK 1-7a when used on Class I equipment. | No socket outlet. | N |
| 1.7.5 D | (DK). Class II appliances shall not be fitted with socket-outlets for providing power to other appliances. | Class III equipment. | N |
| 1.7.14 D | (DE). Directions for use with rules to prevent certain hazards for (among others) maintenance of the technical labor equipment, also for imported technical labor equipment shall be written in German language. NOTE: Of this requirement, rules for use even only by service personnel are not exempted. | LCD monitor, not a technical labor equipment. | N |
| 1.7.17 D | (CH). (Ordinance on environmentally hazardous substances SR 814.013) Annex 4.10 of SR 814.013 applies for batteries. | No battery inside. | N |
| 2.3.3 C | Delete Method 4 and the line in note 1 relating to this method | Deleted. | N |
| 2.3.6 C | Delete the note. | Deleted. | N |
| 2.3.5 S | (NO). In Norway, marking and insulation requirements according to subclause 1.7.2, Note 4, and 6.2.1.4, Note 2, apply. | No marking required. | N |
| 2.3.6 S | (FR). Method 3 is not acceptable. | Method 3 is not used. | P |
| 2.3.7 C | Replace the text of this sub-clause by: Void. | Replaced. | N |
| 2.3.9 S | (NO). Marking and insulation requirements according to this annex, subclauses 1.7.02 and 6.2.01.4 b) apply. | No marking required. | N |
| 2.5.2 S | (DK, NO) Add after the first paragraph: "The above exception is not acceptable in pluggable equipment type A " | Added, no exception applied. | N |
| 2.5.2 C | Delete the note. | Deleted. | N |
| 2.7.1 C | <p>Replace the text of this sub-clause by: Basic requirements</p> <p>To protect against excess current, short-circuits and earth faults in primary circuits, protective devices shall be included either as integral parts of the equipment or as a part of the building installation, subject to all of the following a), b), c) and d):</p> <p>(a) Except as detailed in (b) and (c), protective devices necessary to comply with the requirements of Sub-clause 5.4 shall be included as integral parts of the equipment.</p> <p>(b) For components in series with the mains input to the equipment such as the supply cord, appliance coupler, RFI filter and switch, short circuit and earth fault protection may be provided with protective devices in the installation.</p> | Replaced. | P |

| National Deviation | | | |
|--------------------|--|-----------------|---------|
| Clause | Requirement – Test | Result – Remark | Verdict |
| | <p>(c) It is permitted for equipment with rated current exceeding 16A, which is pluggable equipment type B or permanently connected equipment, to rely on dedicated overcurrent and short circuit protection in the building installation, provided that the means of protection, e.g. fuses or circuit breaker, is fully specified in the installation instruction</p> <p>(d) If reliance is placed on protection in the building installation, the installation instructions shall comply with Sub-clause 1.7.11 except that for pluggable equipment Type A the building installation shall be regarded as providing protection in accordance with the rating of the wall socket outlet and 1.7.11 does not apply.</p> | | |
| 2.7.2 C | Replace the text of this sub-clause by: Void. | Replaced. | N |
| 2.8.4 C | Delete the note. | Deleted. | N |
| 2.9.1 S | (NO). Note 3: In Norway, due to the IT power systems used, the mains supply voltage is considered to be equal to the phase-to-phase voltage. | | N |
| 2.9.4.2 C | <p>Amend the last line on page 117a as follows –</p> <p>Solvent-based enamel coating on winding wire is not considered to be insulation in thin sheet material.</p> <p>Add a new sentence below the text on page 117a as follows –</p> <p>Requirements for wound components are given in 2.9.4.4.</p> | | N |
| 2.9.4.4 C | <p>Modify the title as follows –</p> <p>2.9.4.4 Wound components</p> <p>Replace the first paragraph and the two dashed paragraphs as follows –</p> <p>Unless one of the following situations applies, interleaved BASIC, SUPPLEMENTARY or REINFORCED INSULATION complying with 2.9.4.1 or 2.9.4.2 shall be provided between the windings.</p> <ul style="list-style-type: none"> - the insulation on the winding wire complies with 2.9.4.1; or - the winding wire complies with annex U; or - the insulation between the windings is provided for separation between ZNV circuits and other parts in compliance with 6.4.1. <p>Note – Examples of insulation of winding wire complying with annex U are polyamide and FEP.</p> | | N |
| 2.11 C | Delete notes 1, 2 and 3. | Deleted. | N |

| National Deviation | | | | | | | | | | | | |
|--------------------------------|---|-------------------------|---------|---------------|-------------------------------|-----|----------------------|--------------------------------|-----|---------------------|-----------|---|
| Clause | Requirement – Test | Result – Remark | Verdict | | | | | | | | | |
| 3.2.1 S | <p>(DK). Supply cords of single phase appliances having a rated current not exceeding 10A shall be provided with a plug according to the Heavy Current Regulations Section 107-2-D1.</p> <p>Class I equipment provided with socket-outlets with earth contacts or which are intended to be used in locations where protection against indirect contact is required according to the wiring rules shall be provided with a plug in accordance with standard sheet DK 2-1a or DK 2-5a.</p> <p>If poly-phase equipment and single-phase equipment having a rated current exceeding 10A is provided with a supply cord with a plug, this plug shall be in accordance with the Heavy Current Regulations Section 107-1-D1 or EN 60309-2.</p> | No power cord provided. | N | | | | | | | | | |
| 3.2.1 S | <p>(CH). Supply cords of equipment having a rated current not exceeding 10A shall be provided with a plug complying with SEV 1011 or IEC 60884-1 and one of the following dimension sheets</p> <p>SEV 6532-2,1991 Plug type 15 3P+N+PE 250/400V, 10A</p> <p>SEV 6533-2,1991 Plug type 11 L+N 250V, 10A</p> <p>SEV 6534-2,1991 Plug type 12 L+N+PE 250V, 10A</p> <p>EN 60 309 applies for plugs for currents exceeding 10A</p> | No power cord provided. | N | | | | | | | | | |
| 3.2.1 S | <p>(GB). Apparatus which is fitted with a flexible cable or cord and is designed to be connected to a mains socket conforming to BS1363 by means of that flexible cable or cord and plug, shall be fitted with a "standard plug" in accordance with Statutory Instrument 1768:1994 - The Plugs and Sockets etc. (Safety) Regulations 1994, unless exempted by those regulations.</p> <p>Note: "standard plug" is defined in SI 1768:1994 and essentially means an approved plug conforming to BS 1363 or an approved conversion plug.</p> | No power cord provided. | N | | | | | | | | | |
| 3.2.2 C | Delete the note and in table 10, delete the values in parentheses. | Deleted. | N | | | | | | | | | |
| 3.2.4 S | (GB). A power supply cord with conductor of 1.25mm ² is allowed for equipment with rated current over 10A and up to and including 13A. | | N | | | | | | | | | |
| 3.2.4 C | <p>Replace</p> <p>"60245 IEC 53" by "H05 RR-F", "60227 IEC 52" by "H03 VV-F or H03 VVH2-F" and "60227 IEC 53" by "H05 VV-F or H05 VVH2-F".</p> <p>In table 11, replace the first four lines by the following:</p> <table style="margin-left: 40px;"> <tr> <td>Up to and including 6</td> <td>0.75</td> <td>¹⁾</td> </tr> <tr> <td>Over 6 up to and including 10</td> <td>1.0</td> <td>(0.75)²⁾</td> </tr> <tr> <td>Over 10 up to and including 16</td> <td>1.5</td> <td>(1.0)³⁾</td> </tr> </table> <p>In the conditions applicable to table 11, delete the words "in some countries" in condition 1).</p> <p>In the Note delete the second sentence.</p> | Up to and including 6 | 0.75 | ¹⁾ | Over 6 up to and including 10 | 1.0 | (0.75) ²⁾ | Over 10 up to and including 16 | 1.5 | (1.0) ³⁾ | Replaced. | N |
| Up to and including 6 | 0.75 | ¹⁾ | | | | | | | | | | |
| Over 6 up to and including 10 | 1.0 | (0.75) ²⁾ | | | | | | | | | | |
| Over 10 up to and including 16 | 1.5 | (1.0) ³⁾ | | | | | | | | | | |

| National Deviation | | | |
|------------------------|---|------------------------------|---------|
| Clause | Requirement – Test | Result – Remark | Verdict |
| 3.3.5 C | In table 13, replace the fourth and the fifth lines by: Over 10 up to and including 16 1.5 to 2.5 1.5 to by 4 | Replaced. | N |
| 3.3.5 S | (GB). The range of conductor sizes of flexible cords to be accepted by terminals for equipment with a rated current of over 10A and up to and including 13A is: 1.25mm ² to 1.5mm ² nominal cross-sectional area. | No power cord provided. | N |
| 4.3.18 S | (GB). This test should be performed using an appropriate socket-outlet with an earthing contact. | No direct plug-in equipment. | N |
| 4.4.4 C | Delete note 2. | Deleted. | N |
| 5.4.9 S | (NO). Note: In Norway, the electric strength test includes testing of basic insulation in Class I pluggable equipment type B and permanently connected equipment. | Considered. | P |
| 6.1 S | (CH).Protective means in the equipment shall not prevent transient surge protection in the telecommunication network from operating properly (d.c. spark-over voltage of the surge suppressor installed in the telecommunication network: approx. 245V). | No TNV. | N |
| 6.2.1.2 C 6.2.1.3 C | Add at the end of the sub-clause: This sub-clause only applies to TNV circuits normally operating in excess of the limits of SELV circuits. | No TNV. | N |
| 6.2.1.2 S | (SE). Supplementary insulation for a primary circuit is required between any TNV circuit and any circuit that has a connection to a protective earthing terminal. In Sweden, this requirement does not apply to permanently connected equipment or pluggable equipment Type B. | No TNV. | N |
| 6.2.1.2 S | (NO). In Norway, supplementary insulation for a primary circuits is required between any TNV circuit and any circuit that has a connection to a protective earthing terminal. This requirement does not apply to permanently connected equipment or to pluggable equipment type B, installed in areas where equipotential bonding has been applied, e.g. a telecommunication Central Office. | No TNV. | N |
| 6.2.1.4 C | Delete the notes. | No TNV. | N |
| 6.2.1.4 S | (NO). Note 2: In Norway, method b) is not permitted. Insulation between parts conductively connected to the supply mains and parts connected to a public telecommunication network shall comply with the requirements for double or reinforced insulation. | No TNV. | N |
| 6.2.1.4b) S | (FI). Method b) is permitted only for permanently connected equipment or for pluggable equipment Type B. | No TNV. | N |
| 6.2.1.5 S | (NO). Note 2: In Norway, requirements according to 6.2.1.4, Note 2, apply | No TNV. | N |
| 6.3.3. S | (NO). In Norway, 6.3.3 is applicable for pluggable equipment type A and B and for permanently connected equipment. | No TNV. | N |