

INSULATION RELATED SPECIFICATIONS

| | | |
|--|-----|--------------------------------------|
| Minimum Creepage Distance (*) | Cr | 6.4mm |
| Minimum Clearance (*) | Cl | 6.4mm |
| Minimum Insulation Thickness | ti | 0.4mm |
| Comperative Tracking Index (DIN IEC112 / VDE0303, Part 1) | CTI | 175 (VDE0109 / 12.83 Group III a) |

((*) in accordance with DIN VDE0109 / 12.83, Table 2, & 4)

(*1) If a printed circuit is incorporated, the creepage distance and clearance may be reduced below this value (e. g. at a standard distance between soldering eye centres of 7.5mm). If this is not permissible, the user shall take suitable measures.

(*2) This photocoupler is suitable for 'safe electrical isolation' only within the safety limit data.

Maintenance of the safety data shall be ensured by means of protective circuits.

TLP620, 620-2, 620-3, 620-4
 TLP621, 621-2, 621-3, 621-4

TLP750, 751

VDE Test sign : Marking on product
 for VDE0884

4



Marking on packing
 for VDE0884

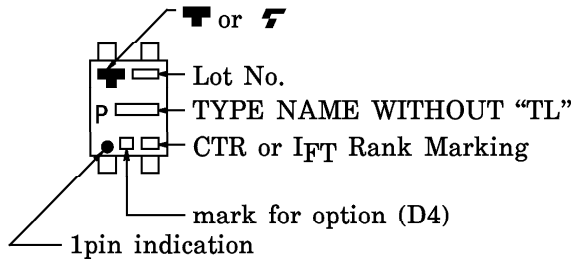


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Marking Example : 4 pin Type



Others

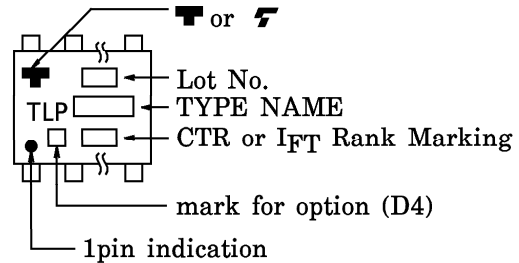


Figure 1 Partial discharge measurement procedure according to VDE0884
Destructive test for qualification and sampling tests.

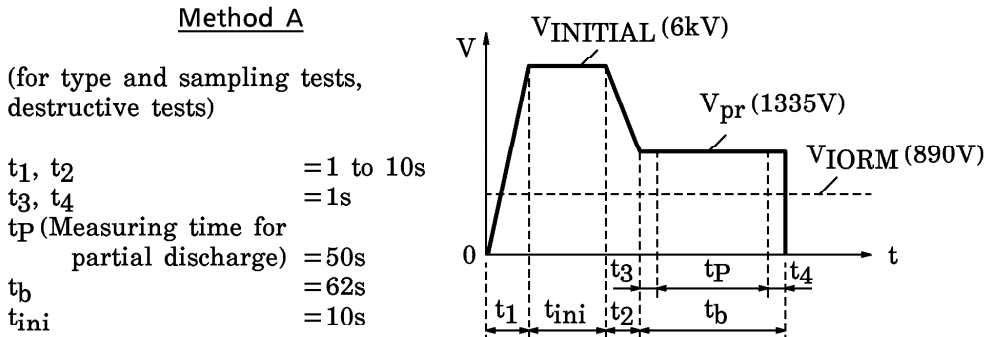


Figure 2 Partial discharge measurement procedure according to VDE0884
Non-destructive test for 100% inspection.

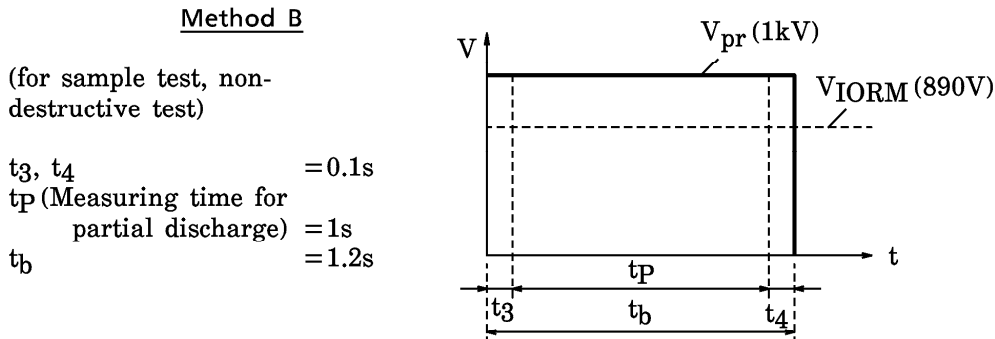


Figure 3 Dependency of maximum safety ratings on ambient temperature

