

## Verification methods according to AS/NZS 61439.1:2016

### ITEM NO.3 – CLEARANCES DISTANCES

#### CLEARANCES DISTANCES –

#### In accordance with AS/NZS 61439.1:2016, Clauses 8.3 and 10.4

The requirements for clearances and creepage distances are based on the principles of IEC 60664-1 and are intended to provide insulation co-ordination within the installation.

The clearances and creepage distances apply to phase to phase, phase to neutral, and except where a conductor is connected directly to earth, phase to earth and neutral to earth.

Pollution degree	Minimum values of width X of grooves (mm)
1	0.25
2	1
3	1.5
4	2.5

**Table F.1 – Minimum width of grooves**  
(Taken from Annex F (normative) AS/NZS 61439.1:2016)

### ITEM NO.4 – CREEPAGES DISTANCES



Creepage distances shall correspond to a pollution degree as specified in 7.1.3 and to the corresponding material group at the rated insulation voltage (See Table 2 AS/NZS 61439.1:2016).

**BE Switchcraft have adopted to comply with supplier specified clearance and creepage distances, where not specified a minimum of 16mm will apply. This is verified at the final test and inspection stage.**