BE SWITCHCRAFT

Verification methods according to AS/NZS 61439.1:2016

ITEM NO.6 – INCORPORATION OF SWITCHING DEVICES & COMPONENTS

In accordance with AS/NZS 61439.1:2016, Clauses 10.6 and 8.5

The switching devices and components shall be suitable for the application concerning the external design of the ASSEMBLY, their rated voltages, rated currents, rated frequency, service life, marking and breaking capacities, short-circuit withstand strength, etc.

BE Switchcraft will select components based on compliance, duty cycles, functionality, durability, project and statutory requirements. This is verified at the design stage and final testing.

At BE Switchcraft the performance requirements of Electromagnetic Compatibility (EMC) are confirmed in accordance with the requirements for EMC for Environment B and no EMC immunity or emission test are required when the following conditions are fulfilled:

a) The incorporated devices and components are in compliance with the requirements for the EMC for the stated environment as required by the relevant product or generic EMC Standard.

b) The internal installation and wiring is carried out in accordance with the devices and components manufacturer's instructions.

Environment B: Relates to low-voltage public mains networks or apparatus connected to a dedicated DC source which is intended to interface between the apparatus and the low-voltage public mains network. It applies also to apparatus which is battery operated or is powered by a non-public, but non-industrial.

The environments encompassed are residential, commercial and light industrial locations, both indoor and outdoor.

Locations which are characterised by being supplied directly at low voltage from public mains network are considered to be residential, commercial or light-industrial.

Information taken from: SA/NZS 61439.1:2016 Clause J.9.4.1 (Page 117).

BE SWITCHCRAFT

BE Switchcraft switchboards can be found throughout Australia, from Parliament House in Canberra through to major hospitals, commercial buildings and sporting stadiums across the country. For over 5 decades we have built a reputation on trust, integrity, innovation and delivering on our commitments. Leading electrical contractors and engineers choose BE Switchcraft because of our ability to deliver a wide range of products and services that are renowned for their design, build quality and outstanding long-term support.

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