



**Amendment No. 3 BS 7671 &
Consumer Units for use in
Domestic (Household) Premises**



CONSUMER UNITS FOR USE IN DC

17th Edition Wiring Regulations Inco

REGULATION 421.1.201

From January 2015 Amendment No. 3 to BS 7671 IET Wiring Regulations prescribe that within domestic (household) premises, consumer units and similar switchgear assemblies shall have their enclosures manufactured from non combustible material, or be enclosed in a cabinet or enclosure constructed of non combustible material and comply with product standard BS EN 61439-3.

What are Domestic Household Premises ?

Typical Domestic household premises would include single and multiple occupancy homes such as Houses, Bungalows, High Rise & Low Rise Flats, Apartments, Student lets, Sheltered Accommodation, Farmhouses, Houseboats, Static Homes, Home Office, attached Garages, Workshops and Detached Summerhouses etc.

Other types of building you may need to consider (these may be commercial ventures) but also where people live and guests sleep overnight such as Guest Houses, Hostels, Bed & Breakfast Accommodation, Nursing Homes etc.

What is Non Combustible Material ?

There are many types of non combustible material however, amendment 3 of the 17th Edition regulations provides an acceptable example as ferrous metal i.e. Steel Consumer Units.

What is an Enclosure ?

The consumer unit enclosure must be manufactured from a non combustible material so as to limit the spread of fire. An enclosure means the box, cover, door, hinges, handle and any components required to maintain the integrity of the unit.

What is Similar Switchgear ?

Similar switchgear is switchgear that is used for the same fundamental application i.e. a circuit protection assembly with two pole isolator and one or more circuit protection devices, e.g. fuse switch, garage unit or PV switchgear etc.

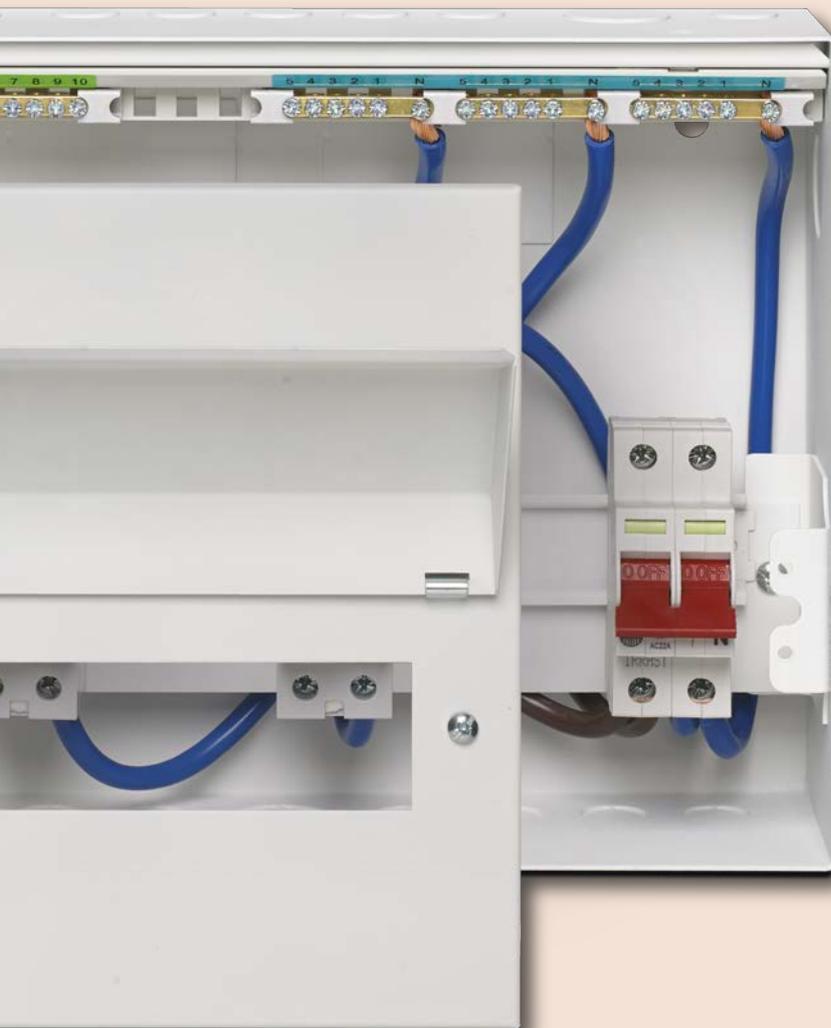
What are Cabinets ?

Typical cabinets are meter cabinets that are normally built into the fabric of the building and that may or may not include consumer units within. If the cabinet is of an all metal construction (non-combustible), then a standard skeleton consumer unit (FAL) can be installed within. If the cabinet is of a combustible material, a metal consumer unit is required.



DOMESTIC HOUSEHOLD PREMISES

Incorporating Amendment No. 3 : 2015



- All metal enclosure, no external plastic parts
- Low Smoke & Fume paint
- Non combustible cover blanks
- Compact enclosure
- Available in 'no miss terminal' fixed busbar versions and flexible versions
- Raised & removable DIN rail / busbar assembly
- Cable entry knockouts on 5 sides, top, bottom, left, right and rear
- Mains tails cable entry grommet / gland for supplementary insulation similar to Class II level of protection to mains tails
- Up to 38 way units, all designs Main Switch, High Integrity, Split Load, Dual RCD
- RoHS compliant in excess of UK standards
- UKAS certified to BS EN 61439-3





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