

BS 6396: 2008 ELECTRICAL SYSTEMS IN OFFICE FURNITURE AND EDUCATIONAL FURNITURE

Below are some key points to be considered from the sales point of view. This is a simplified guide and does not represent the full standard. BS 6396 is a standard relating to the installation of electrical systems as a whole and is not a specific electrical accessory standard. Although products may comply with the relevant clauses of the full standard, full compliance with the standard itself requires correct installation of the system and proper construction of the furniture. The scope of BS 6396 is electrical systems in furniture connected to the building electrical supply by a 13A fused plug.

Please note the following:

- No more than six sockets allowed per supply
- The electrical system shall be rated for a total normal load of 13A
- No single item of equipment of a rated voltage higher than 250V or rated current higher than 5A shall be connected to the furniture.
- For multiple socket outlets fuse protection must be used for the individual sockets. See images for fuse requirements
- Observe the stated fuse ratings on the appliance
- Power supply cords must not exceed 2m in visible length on exit from the desk clamp
- Ensure cable routing, system earthing and general mechanical configuration conforms to the stated requirements
- The final installation must be subjected to an electrical test. (separate information is available regarding this)
- Cable must be clamped at point of entry to furniture and/ or at both ends where cables connect separate moving parts of furniture
- All extraneous metalwork should be earthed
- Items of office furniture intended to be earthed shall be provided with an earthing terminal that shall be connected to the earth terminal of the power module
- Provide the user with instructions concerning the safe installation and use of the furniture

Fusing requirements:

All power modules are equipped with 3.15A fuse in each socket, unless otherwise requested. Below are listed some of the more popular items of office equipment and an indication of their likely running current requirement. If you are unsure of your running requirement please contact your equipment manufacturer

Desk top computer	2.00 Amp
Laptop	0.60 Amp
Colour monitor	1.50 Amp
Fax Machine	2.00 Amp
Low Voltage desk lamp	0.10 Amp
Mobile phone charger	0.05 Amp
Desk fan	0.25 Amp



WARNING!

Any item of equipment rated in excess of 5 Amp, MUST have a separate power supply, therefore items such as Vacuum Cleaners, Kettles, Coffee Makers and Fan Heaters should not be connected via these power modules.

The above lists serve as a guide only and are not exhaustive.

3.15 Amp Fuses



5 Amp Fuses

