BS6396:2008 + A1:2015

running current requirements.

BS6396 details the procedure.

personnel and the results documented.

Desk top CPU

Workstation CPU

Phone charger

Desk Lamp max

Monitor LCD/LED type

Desk top Laser Printer

Lap-top Computer

Below are some typical examples of office equipment and their

2.0 Amp

3.0 Amp

max 1 Amp 0.5 to 1.0 Amp

max 0.2 Amp

0.25 Amp

The 2015 amendment stipulates that where a furniture power

distribution system is connected to an existing building socket outlet which does not have residual current device (RCD) protection, the

furniture socket outlets shall be protected by means of a 30 mA

RCD incorporated in the furniture power distribution system. In

addition it stipulates that socket outlets and connectors shall be

oriented or provided with a means to prevent the risk of electrical

For compliance with BS6396 and the Electricity at Work Regulations

all office and educational furniture electrical installations must be

tested to ensure their safety before being handed over for use. This

applies to reconfigured as well as new installations. Section 7 of

Periodic inspection and tests to the same requirements should

also be carried out to ensure the continued safety of the office

installations. These tests must be carried out by suitably trained

*BS6396 requires that all sockets installed in accordance with the Standard must be individually fused. The diagrams show the

hazards from liquid spillage that can be reasonably expected.

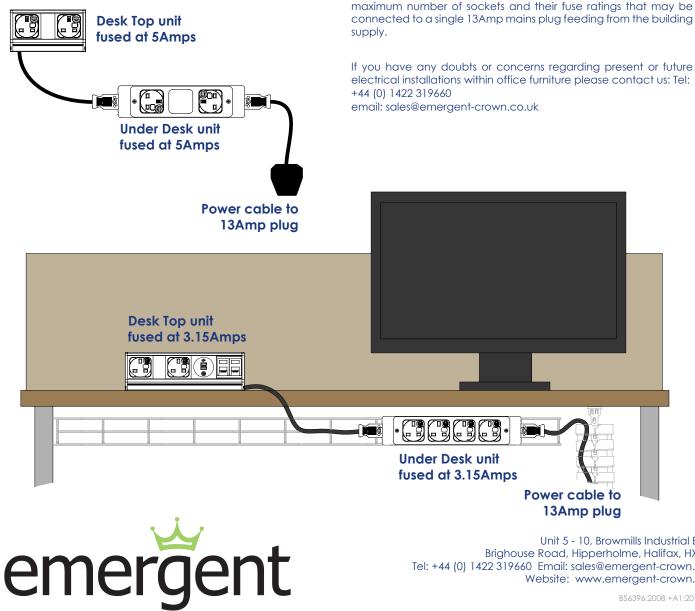
2.0 Amp

BS6396:2008 + A1:2015

In November 2008 the 5th edition of BS6396 extended the scope to include educational furniture and the 2015 amendment added requirements of 30mA RCD protection and the spillage protection for sockets.

All electrical systems and installations in the work environment must comply with the 'Electricity at Work Regulations'. This is a statutory requirement where failure to comply may lead to prosecution and Electrical systems installed in office and educational furniture must meet these regulations. BS6396 was established to provide a specification for the safe installation and use of electrical systems on or in office educational furniture where the electrical system is connected to the mains supply using a 13Amp plug. Where the connection to the supply is not via a 13A plug e.g. direct wired, or via an under floor track connector then BS7671 - The IEE Wiring Regulations - will apply to the installation and individually fused sockets are not Mandatory.

Electrical accessories used in office and educational furniture installations must be manufactured to relevant electrical Standards, as set out in BS6396, as part of the requirements for overall compliance, of the workstation or screen electrical system, to the Standard. Sockets installed in or on office and educational furniture are intended to supply power to equipment whose rating does not exceed 5Amp, the maximum fuse rating allowed in the sockets by BS6396. Most office electrical equipment will run within the 5Amp maximum. This does not include kettles, fan heaters or vacuum cleaners.



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