

GUIDANCE ON THE USE OF LAMPHOLDERS MARKED T1 OR T2

The information in the table is a guide to the user of lampholders marked T1 or T2 with tungsten filament lamps, although it should be appreciated that the critical factor is the actual temperature of the cap of the lamp when in use. Technical information on such temperatures is contained in this specification and in BS EN 60598-1. It is also important to ensure that the wattage rating of the lamp is not higher than that for which the particular shade or luminaire is designed. This maximum rating in watts is marked on all shades and luminaires that comply with BS4533: Part 101. The recommendations in the table refer to typical conditions, in single lamp luminaires or installations, and in multi lamp luminaires having widely spaced lamps. Where lamps are in close proximity to each other, or in totally enclosed luminaires, it is recommended that T2 lampholders are used.

Maximum permitted rating of lamp

Size	Lampholder Type	Temperature	Typical conditions of use		Lamp position		Maximum permitted rating of lamp
			Type of shade	Type of shade	Cap up	Cap down	
SBC	B15d	T1					40W
SBC	B15d	T2					60W
BC	B22d	T1		—		—	60W
BC	B22d	T1	—			—	100W
BC	B22d	T1		—	—		150W
BC	B22d	T1	—		—		200W
BC	B22d	T2					200W

SBC Small bayonet cap (international type B15d)

BC Standard bayonet cap (international type B22d)

T1 Lampholder suitable for conditions up to a lamp cap temperature of 165°C

T2 Lampholder suitable for conditions up to a lamp cap temperature of 210°C

Closed shade Shade open at one end only and generally mounted directly on the lampholder

Open shade Shade open at both ends, and generally mounted on the lampholder by a wire frame

Cap up Position of lamp, typically when suspended from the ceiling by a flexible cord

Cap down Position of lamp, typically when fitted on a standard or table lamp

Where two symbols are shown together, as in B15d-T1/T2 or B22d-T2, there is no restriction on the type of shade or the position of the lamp, provided the maximum working temperatures are not exceeded

If in doubt regarding the choice of any lampholder, always use one marked T2

CFL COMPACT FLUORESCENT LAMPHOLDER

The design of the Lampholder accepts an industry standard 4 pin 10/13 Watt Compact Fluorescent G24 lamp. This reduces the power consumption, when compared to an equivalent incandescent lamp, by up to 80%.

The Lampholder is designed to European standards and has a diameter of 42mm, which is larger than the typical Lampholder which is 29mm.

A Safety feature which protects the installation will disconnect the supply to the Lampholder:-

During a lamp change, when no lamp is present, or in the case of lamp failure at the end of lamp life.

This Safety feature is reset by switching the supply to the fitting off for 10 to 15 seconds.

RECOMMENDED MOUNTING BOXES FOR MOULDED VOLEX ACCESSORIES WIRING ACCESSORIES

Product	List no	Moulded (surface) box List no	Metal (flush) box List no	Drylining (flush) box List no
10A switch 1 gang	VX1010	VX9404	SB623	SB619
10A switch 1 gang	VX1020	VX9404	SB623	SB619
10A switch 1 gang	VX1030	VX9404	SB623	SB619
10A switch 2 gang	VX1040	VX9404	SB623	SB619
10A switch 3 gang	VX1050	VX9404	SB623	SB619
10A switch 4 gang	VX1054	VX9412	SB665	SB629
13A socket 1 gang	VX9100	VX9409	SB655	SB619
13A socket 1 gang	VX1300	VX9409	SB655	SB619
13A socket 1 gang	VX1400	VX9409	SB655	SB619
13A socket 2 gang	VX9200	VX9414	SB665	SB629
13A socket 2 gang	VX1500	VX9414	SB665	SB629
13A socket 2 gang	VX1600	VX9414	SB665	SB629
13A socket 2 gang	VX1700	VX9414	SB665	SB629
13A socket 2 gang	VX1800	VX9414	SB665	SB629
13A socket 3 gang	VX9230	VX9403	SB646	—
20A switch	VX1060	VX9409	SB655	SB619
20A switch	VX1070	VX9409	SB655	SB619
50A ceiling switch	VX9706	VX9405	—	—
45A switch	VX9702	VX9416	SB628	SB631
45A switch	VX9703	VX9416	SB628	SB631
45A switch	VX9712	VX9405	SB618	SB632
45A switch	VX9713	VX9405	SB618	SB632
Cooker unit	VX9700	VX9416	SB628	SB631
Cooker unit	VX9701	VX9416	SB628	SB631
Fused connection unit	VX1080	VX9409	SB655	SB619
Fused connection unit	VX1081	VX9409	SB655	SB619
Fused connection unit	VX1090	VX9409	SB655	SB619
Fused connection unit	VX1091	VX9409	SB655	SB619
Telephone socket	VX9974	VX9404	SB655	SB619
Secondary socket	VX9984	VX9404	SB655	SB619
2 module mounting plate	VX9062	VX9405	SB615	SB619
4 module mounting plate	VX9064	VX9416	SB625	SB629
Shaver unit	VX9800	VX9410	SB628	SB631
TV outlet 1 gang	VX9992	VX9409	SB655	SB619
TV outlet 2 gang	VX9993	VX9409	SB655	SB619
13A flex outlet plate	VX9990	VX9409	SB655	SB619
Cooker outlet plate	VX9704	VX9405	SB615	SB632

Flush box recommendations as shown in the adjacent table.

Industrial metalclad accessories (suffix **SG**) are supplied complete with matching surface mounting boxes.