

BF319 Fire Alarm Control Panel Mains Keyswitch Instructions

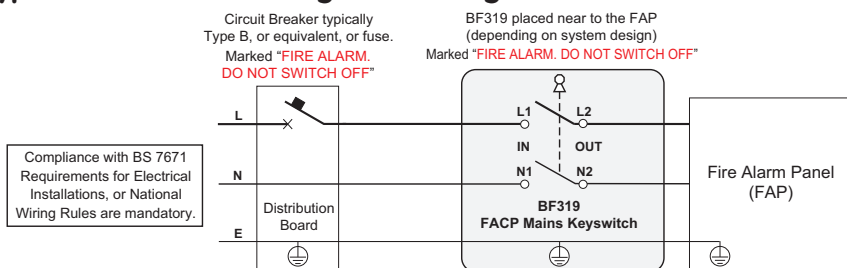


THIS EQUIPMENT MUST BE INSTALLED AND MAINTAINED BY A SUITABLY SKILLED AND TECHNICALLY COMPETENT PERSON. ENSURE ALL POWER IS REMOVED BEFORE INSTALLATION.

The Fire Alarm Control Panel (FACP) Mains Keyswitch, White, (Part No. BF319) is a lockable, double-pole keyswitch that provides secure switching of the mains supply to a fire alarm panel in accordance with BS 5839-1. It is ideal for use during routine test and maintenance tasks. The BF319 is normally wall mounted and fits to a standard UK 47 mm deep, single gang flush or surface mount back box. Please note, some dry lining & surface boxes may be a tight fit to this switch. It is strongly advisable that the installer check the intended combination of switch and back box. If using a 4 lug flush metal back box, bend the top and bottom lugs out of the way to avoid interference with the back of the switch.



Typical Mains Circuit Configuration using the BF319



BS 5839-1 Recommendations for Mains Supplies to Fire Panels

The installer should read BS 5839-1, Clause 25.2 for full details. The requirements of the IET Wiring Regulations (BS 7671), or applicable National Wiring Rules are mandatory for all electrical installations.

The BF319 is a high quality, double-pole keyswitch that meets all the requirements of EN 60669-1 (General requirements for switches for household and similar fixed-electrical installations) and meets all construction requirements allowing it to be installed into an electrical installation. It is also marked accordingly to the requirements of BS 5839-1.

By switching off mains using the keyswitch, you can safely perform all routine test and maintenance tasks at the fire alarm control panel (battery test, main board replacement, etc.). However, if you want to work on the mains in the fire panel you should isolate the supply at the distribution board, as well as the keyswitch, which is good electrical practice.

BF319 Specification	
Material:	White moulded polycarbonate
Number of gangs:	1 gang
Switch type:	Double-pole (DP), lockable
Ratings (a.c.):	20 AX, 250 V \sim , 50/60 Hz
Dimensions:	87 H x 87 W x 44 D (mm)
Weight:	150 g
IP rating:	IP20
Fixing screws (supplied):	M3.5 x 25 mm (2 off)
Temperature range:	-10°C to +60°C
Standard:	BS EN 60669-1 compliant