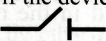


TABLE 53.4 – Guidance on the selection of protective, isolation and switching devices

Device	Standard	Isolation <sup>(4)</sup>	Emergency switching <sup>(2)</sup>	Functional switching
Switching device	BS EN 50428	No	No	Yes
	BS EN 60669-1	No	Yes	Yes
	BS EN 60669-2-1	No	No	Yes
	BS EN 60669-2-2	No	Yes	Yes
	BS EN 60669-2-3	No	Yes	Yes
	BS EN 60669-2-4	Yes <sup>(3)</sup>	Yes	Yes
	BS EN 60947-3	Yes <sup>(1,3)</sup>	Yes	Yes
	BS EN 60947-5-1	No	Yes	Yes
Contactor	BS EN 60947-4-1	Yes <sup>(1,3)</sup>	Yes	Yes
	BS EN 61095	No	No	Yes
Circuit-breaker	BS EN 60898	Yes <sup>(3)</sup>	Yes	Yes
	BS EN 60947-2	Yes <sup>(1,3)</sup>	Yes	Yes
	BS EN 61009-1	Yes <sup>(3)</sup>	Yes	Yes
RCD	BS EN 60947-2	Yes <sup>(1,3)</sup>	Yes	Yes
	BS EN 61008-1	Yes <sup>(3)</sup>	Yes	Yes
	BS EN 61009-1	Yes <sup>(3)</sup>	Yes	Yes
Isolating switch	BS EN 60669-2-4	Yes <sup>(3)</sup>	Yes	Yes
	BS EN 60947-3	Yes <sup>(1,3)</sup>	Yes	Yes
Plug and socket-outlet (≤ 32 A)	BS EN 60309	Yes <sup>(3)</sup>	No	Yes
	IEC 60884	Yes <sup>(3)</sup>	No	Yes
	IEC 60906	Yes <sup>(3)</sup>	No	Yes
Plug and socket-outlet (> 32 A)	BS EN 60309	Yes <sup>(3)</sup>	No	No
Device for the connection of luminaire	BS EN 61995-1	Yes <sup>(3)</sup>	No	No
	BS IEC 61995-1			
Control and protective switching device for equipment (CPS)	BS EN 60947-6-1	Yes <sup>(1,3)</sup>	Yes	Yes
	BS EN 60947-6-2	Yes <sup>(1,3)</sup>	Yes	Yes
Fuse	BS 88 series	Yes	No	No
Device with semiconductors	BS EN 50428	No	No	Yes
	BS EN 60669-2-1	No	No	Yes
Luminaire Supporting Coupler	BS 6972	Yes <sup>(3)</sup>	No	No
Plug and unswitched socket-outlet	BS 1363-1	Yes <sup>(3)</sup>	No	Yes
	BS 1363-2	Yes <sup>(3)</sup>	No	Yes
Plug and switched socket-outlet	BS 1363-1	Yes <sup>(3)</sup>	No	Yes
	BS 1363-2	Yes <sup>(3)</sup>	No	Yes
Plug and socket-outlet	BS 5733	Yes <sup>(3)</sup>	No	Yes
Switched fused connection unit	BS 1363-4	Yes <sup>(3)</sup>	Yes	Yes
Unswitched fused connection unit	BS 1363-4	Yes <sup>(3)</sup> (Removal of fuse link)	No	No
Fuse	BS 1362	Yes	No	No
Cooker Control Unit switch	BS 4177	Yes <sup>(3)</sup>	Yes	Yes


Yes = Function provided, No = Function not provided

(1) Function provided if the device is suitable and marked with the symbol for isolation (see BS EN 60617 identity number S00288). 

(2) See Regulation 537.4.2.5

(3) Device is suitable for on-load isolation, i.e. disconnection whilst carrying load current.

(4) In an installation forming part of a TT or IT system, isolation requires disconnection of all the live conductors. See Regulation 537.2.2.1.

**NOTE 1:** An entry of (1,3) means that the device is suitable for on-load isolation only if it is marked with the symbol for on-load isolation 

**NOTE 2:** In the above table, the functions provided by the devices for isolation and switching are summarized, together with the indication of the relevant product standards.