

(PREVIEW)

Indian Standard

INTERLOCKING SWITCH SOCKET OUTLETS — SPECIFICATION

1 SCOPE

1.1 Replace this clause of IS 1293 by the following:

This standard applies to switched socket-outlets with interlock for ac only, for fixed electrical installations, with or without earthing contact, with rated voltage above 50 V but not exceeding 440 V and a rated current not exceeding 32 A, intended for household and similar purposes, either indoors or outdoors.

Switched socket-outlets with interlock according to this standard consist of a combination of socket outlets according to IS 1293, interlocked with a switch according to IS 3854 supplied as a complete unit.

The rated current is limited to 16A maximum for fixed accessories provided with screwless terminals.

This standard does not cover requirements for flush mounting boxes.

However, it covers those requirements for surface-type mounting boxes which are necessary for the tests on socket-outlets.

NOTES

1 General requirements for mounting boxes are covered by IS 14772.

2 Interlocked socket-outlets incorporating devices according to IS 8828 and IS 12640 (Part 1) and IS 12640 (Part 2) are not covered by this standards. These standards may be used as a guide for the requirement and tests of these accessories where relevant.

This standard does not apply to:

- a) Interlocked socket-outlets for industrial purposes; and
- b) Interlocked socket-outlets for SELV.

Accessories complying with this standard are suitable for use at an ambient temperature not normally exceeding 35°C, but occasionally reaching 45°C.

REFERENCES

This clause of IS 1293 is applicable, except as follows: Add to the list of normative references:

<i>IS No.</i>	<i>Title</i>
302-1 : 1979	Safety of household and similar electrical appliances : Part 1 General requirements
1293 : 2005	Plugs and socket-outlets for rated voltage up to and including 250 volts and rated current up to and including 16 A (<i>third revision</i>)
3854 : 1997	Switches for household and similar fixed-electrical installation (<i>second revision</i>)
8828 : 1996	Circuit breakers for over current protection for household and similar installation (<i>second revision</i>)
12640	Residual current operated circuit-breakers for household and similar uses:
(Part 1) : 2000	Circuit breakers without integral over current protection (RCCB _S)
(Part 2) : 2001	Circuit breakers with integral over current protection (RCBO _S)
14772 : 2000	For enclosures for accessories for household and similar fixed installation