

(PREVIEW)

*Indian Standard***COMPOSITE UNITS OF AIR-BREAK SWITCHES  
AND REWIRABLE TYPE FUSES FOR VOLTAGES  
NOT EXCEEDING 650 V a.c. — SPECIFICATION****1 SCOPE**

**1.1** This standard covers requirements for composite units of air-break switches and rewirable type electric fuses with rated current not exceeding 100A intended for system voltages not exceeding 650 V a.c,

**1.2** The switches incorporated in the composite units are intended for utilization category of AC-21A (frequent operational) and AC-21B (infrequent operation),

**1.3** The rewirable type fuses, incorporated in composite units, shall conform to the requirements laid down in IS 2086

NOTE—It shall however be recognized that this imposes no restriction on rewirable type fuse-combination of other categories of duties or composite units incorporating cartridge type fuses in which case reference shall be made to IS 13947 (Part 3).

NOTE — This standard shall cover only composite units incorporating :

- a) Air-break 'on' and 'off switches of category AC-21A and AC-21B and for rated current not exceeding 100A,
- b) Rewirable type of fuses only and
- c) Enclosure of metal-clad insulated types

**2 REFERENCES AND DEFINITIONS**

**2.0** The Indian Standards listed in Annex D are necessary adjuncts to this standard.

**ANNEX D**

(Clause 2.0)

**LIST OF REFERRED INDIAN STANDARDS**

<i>IS No.</i>	<i>Title</i>
1885 (Part 17) : 1979	Electrotechnical vocabulary: Part 17 Switchgear and Controlgear ( <i>First revision</i> )
2086 : 1993	Carriers and bases used in rewirable type electric fuses for voltages up to 650 V ( <i>third revision</i> )
11353: 1985	Guide for uniform system of making and identification of conductors and apparatus terminals

12063:1987	Classification of degrees of protection provided by enclosures of electrical Equipment
13947	Low-voltage switchgear and controlgear:
(Part 1): 1993	General rules
(Part 3): 1993	Switches, disconnector, switch disconnectors and fuse-combination units