

Indian Standard
SPECIFICATION FOR
CONTROL TRANSFORMERS FOR SWITCHGEAR
AND CONTROLGEAR FOR VOLTAGES
NOT EXCEEDING 1 000 V ac

1. SCOPE

1.1 This standard covers the requirements of the transformers used in switchgear and controlgear to supply power to control or auxiliary equipment not intended for direct connection to the main circuit.

1.2 This standard does not cover transformers such as:

- a) Power transformers (*see* IS : 2026)*;
- b) Distribution transformers (*see* IS : 1180)†;
- c) Instrument transformers (*see* IS : 2705‡ and IS : 3156§);
- cl) Welding transformers (*see* IS: 1851-1975 || and IS:4804 (Part 1)-1968 ¶);
- e) Mining transformers (*see* IS : 2772)**;
- f) Earthing transformers (*see* IS: 3151-1982)††;
- h) Reactors (*see* IS : 5553)‡‡;
- g) Starting transformers;
- j) Testing transformers;
- k) Lighting transformers;
- m) Furnace transformers;
- n) Traction transformers for use on rolling stock;
- p) Transformers for use with electronic equipment;
- q) Transformers for use with medical equipment; and
- r) Transformers for space heating and winding heating.

*Power transformers (Part 1 to 4).

†Outdoor type three phase distribution transformers up to and including 100 kVA, 11 kV (*revised*).

‡Current transformers.

§Voltage transformers.

|| Single operator type arc welding transformers (*second revision*).

¶Resistance welding equipment: Part I Single phase transformers.

**Non-flameproof mining transformers for use below ground: Part 1 Oil immersed type.

††Earthing transformers (*first revision*).

‡‡Reactors (Part 1 to 3).

§§Electro technical vocabulary: Part 38 Transformers (*first revision*).