

## Indian Standard

# AUXILIARIES FOR LAMPS STARTING DEVICES (OTHER THAN GLOW STARTERS) — PERFORMANCE REQUIREMENTS

### SECTION 1 GENERAL REQUIREMENTS

*IS No.**Title*

#### 1 SCOPE

15968 : 2011

Ballast for tubular lamps:  
Performance requirements

This standard specifies performance requirements for starting devices (starters and ignitors) for tubular fluorescent and other discharge lamps for use on a c supplies up to 1 000 V at 50 Hz, which produce starting pulses not greater than 5 kV. It should be read in conjunction with IS 15885(Part 2/Sec 1):2011 'Safety of lamp controlgear : Part 2 Particular requirements, Section 1 Starting devices (other than glow starters)'.

#### NOTES

1 All glow starters for fluorescent and other discharge lamps including thermal relay/cut-outs will be included in IS2215:2006 'Starters for fluorescent lamps (*third revision*)'.

2 Presently there are no standards regarding the national regulation of EMC requirements for end-products like luminaires and independent controlgear. In a luminaire, the controlgear is dominant in this respect. Compliance to the standards and/or regulation as and when available may be ensured for controlgear, together with other components.

#### 2 REFERENCES

The standards given below contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent additions of these standards:

<i>IS No.</i>	<i>Title</i>
2215 : 2006	Starters for fluorescent lamps ( <i>third revision</i> )
2418 (Part 2): 1977	Tubular fluorescent lamps for general lighting service: Part 2 Standard lamp data sheets
10322 (Part 1): 1985	Luminaire: Part 1 General and safety requirements
15687 (Part 2): 2011	Single-capped fluorescent lamps: Part 2 Performance requirements
15882:2009	Ballasts for discharge lamps (excluding tubular fluorescent lamps): Performance requirements
15885 (Part 2/ Sec 1):2011	Safety of lamp controlgear: Part 2 Particular requirements, Section 1 starting devices other than glow starters