

(PREVIEW)

*Indian Standard*

**POWER CABLES – DIMENSIONS FOR MOULDS  
FOR CAST RESIN BASED OUTDOOR  
TERMINATIONS FOR VOLTAGES ABOVE  
1 100 VOLTS AND UP TO AND  
INCLUDING 11 000 VOLTS**

**1 SCOPE**

**1.1** This standard specifies dimensions for moulds for cast resin based outdoor terminations for following types of cables:

- a) PVC insulated, unscreened, voltage grade above 1·1 kV up to and including 6·6 kV [ see IS 1554 ( Part 2 ) : 1981 ].
- b) Paper insulated, belted type voltage grade above 1·1 kV up to and including 11 kV ( see IS 692 : 1973 ).

**1.2** In this standard following types of moulds have been considered depending on the type of cable ( PVC or PILC ) to be used:

- a) Type A - This type of mould is suitable for cable termination for PVC cables. In such design of the mould, earthing connection is taken inside the mould. The cores coming out of the mould are fitted with the insulator discs.
- b) Type B - This type of mould is suitable for cable termination for PILC cables. The designs of separate bushing is considered. In this, the earthing arrangements are taken inside the mould. In this design, the precasted bushings are inserted into the mould and the remaining portion of the cores outside the mould are casted in the resin compound in the bushings. The precasted bushings consist of minimum one petticoat.

**2 REFERENCES**

**2.1** The following Indian Standards are necessary adjuncts to this standard:

<i>IS No.</i>	<i>Title</i>
692 : 1973	Paper insulated lead-sheathed cables for electricity supply ( <i>second revision</i> )
1554(Part2)	PVC insulated ( heavy duty ) 1981 electric cables: Part 2 For working voltages from 3·3 kV up to and including 11 kV ( <i>first revision</i> )