
STANDARDS BULLETIN No : S01-058

SUBJECT: LOW VOLTAGE DISCONNECTOR AND FUSE BASE

Purpose:

Standardisation of LV disconnecter and fuse base in Package and Kiosk Substation.

Reason:

In the absence of any standardisation for the LV compartment for Package and Kiosk substations, different arrangements are in use making it hard for the vendors to supply and Maintenance to maintain these substations. It is therefore decided that these switches in Package and Kiosk substations shall be as per standards.

Requirements:

The disconnecter and fuse base requirements shall be as below.

Disconnecter

The disconnecter shall be of 1000Amps (stock code 406808) for Package and Kiosk substations with transformer upto 500KVA and of 2X1000Amps (stock code 406811) for Package and Kiosk substations with 750 and 1000 KVA transformers. Both the disconnectors are provided with back and bottom connector to connect it to the transformer bushings and generator (emergency supply). The reference standard drawing is [S02-1-4-17](#).

Fuse Base

630 Amps fuse base is to be used for fuse rating upto 400 amps. For fuse rating in excess of 400 Amps, a 1000 Amps fuse base has to be used. The reference standard drawing is [S02-1-7-01](#)

Implementation:

The projects already approved and Package and Kiosk substation already ordered to the issue of this bulletin continue to use the ordered/ approved design. All new design and orders shall confirmed to new design.