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## ESSEN ELECTRICALS AND ENTERPRISES PVT. LTD.

Regd. Office & Works : 52, 4th Cross, S.S.I. Area, Rajajinagar, Bangalore - 560 010.



Authorised System House - SOFT STARTERS AND DRIVES

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The main purpose of the Current Control Resistor bank Rs(12) is the regulation of the peak test current and the power factor in performing in the LV Test Cells for the required tests. The resistor banks shall be subjected to electrical, thermal and mechanical stresses in connection with: the appearance of a transient recovery voltage (TRV) in performing breaking short-circuit tests. The resistor banks shall be intended for intermittent duty; they will be assigned no rated continuous current.

The Resistors banks must meet the following requirements: the resistors must have sufficient mechanical strength in order to withstand the repetitive thermal and mechanical stresses, the resistors terminals shall be designed to allow easy and safe link to the busbar lengths in obtaining the series and / or parallel connections with negligible contact resistance, the connection procedures shall be carried out quickly and with negligible wear for resistors terminals, the resistors must be easily installed and removed from the supporting structure for assembly and maintenance scope, the resistors must be in all parts made of non-flammable materials, the stray inductances shall be as low as possible.

Thanking You,  
Yours Faithfully,

For ESSEN ELECTRICALS AND ENTERPRISES PVT LTD

DIRECTOR  
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