



## METROSIL SPECIFICATION SHEET

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### Identification: 600A/S1/Spec 256

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This unit is an assembly of one 150mm diameter disc 7.6mm thick mounted on an M12 stud. See attached outline drawing SkM 890109.

Its normal application is to protect High Impedance Relays from high current transformer secondary voltages during maximum internal fault conditions.

#### Electrical Specification:

Test Specification:	C = 450 $\pm$ 10% $\beta = \leq 0.25$
Voltage/Current Characteristic:	See attached curve. NB These are instantaneous values.
Rated Power Dissipation:	20 watts. Includes time-averaged repeated surges.
Maximum Continuous Voltage:	200 Vrms.
Rated Energy Absorption:	20000J for 75°C temperature rise.
Short Time Current Rating:	45 Arms for 1sec. (53 kW for 1 sec.) 30 Arms for 2sec. (26 kW for 2 sec.) 22 Arms for 3sec. (17 kW for 3 sec.)
Maximum Surge Current Rating:	50 Arms.