



METROSIL SPECIFICATION SHEET

Identification 600A/S1/Spec 1213

This unit is a single disc 150mm diameter, 12.7mm thick. Can be stud mounted or with brackets, see METCOD 1213-Stud.1 & METCOD #1213-2B

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

Electrical Specification:

Test Specification: < 1730Vpk at peak of 50A rms
< 44mA rms at 200V rms

Equivalent C and β values: C = 540 - 640
 $\beta \leq 0.25$

Voltage/Current Characteristic: See attached curve.
NB These are instantaneous values.

Rated Power Dissipation: 20 Watts.
Includes time-averaged repeated surges.

Maximum Continuous Voltage: 220Vrms.

Rated Energy Absorption: 33000J for 75°C temperature rise.

Short Time Current Rating: 50Arms for 1sec. (50kW for 1 sec.)
30Arms for 2 sec. (27kW for 2 sec.)
20Arms for 3 sec. (16kW for 3 sec.)

Maximum Surge Current Rating: 50Arms.