

TYPE TEST CERTIFICATE

SABS

OF COMPLIANCE WITH IEC 61643-1:1998 + A1: 2001

CERTIFICATE No.: HV/03/002

Client : Soulé Protection Surtensions
Manufacturer : Soulé Protection Surtensions / ABB
Description : Low voltage surge protective device (SPD)

Trade mark	Model number(s)	Report No.
Soulé ABB	PUD40-230 (Res) (TS)(5V); C40-230 (Res) OVR 40-275(s) P (TS)(5V); OVR 40-275(s) C	HV/84680G1
Soulé ABB	PMD40 Tetra (Res) (TS) (5V); C40-230 (Res) + C Neutral OVR 3N-40-275(s) P (TS) (5V); OVR 40-275(s) C OVR N3-40-275(s) P (TS) (5V); + OVR 40 N C	HV/84680G4

Ratings assigned by the manufacturer and proven in the tests

Report number (see SPD model numbers above)	HV/84680G4			HV/84680G1	
SPD Class	II	II	II	II	
Mode of protection	L - N	L - PE	N - PE	L - PE	
Nominal discharge current (In)	15	15	15	15	kA
Max. discharge current (Imax)	40	40	40	40	kA
Voltage protection level (Up)	1200	1200	1000	1200	V
Continuous operating voltage (Uc)	275	440	250	275	V
Frequency (f)	50	50	50	50	Hz

The apparatus constructed in accordance with the description, drawings and photographs incorporated in the report numbers listed above has been subjected to the complete series of proving tests in accordance with

IEC 61643-1:1998 +A1:2001

Surge protective devices connected to low voltage power distribution systems.

Part 1: Performance requirements and testing methods

Date of tests : April 2003

The results are shown in the reports of proving tests and the oscillograms attached thereto. The values obtained and the general performance are considered to comply with the above standard and to justify the ratings assigned by the manufacturer as listed in the report.

This certificate is not valid unless accompanied by the relevant reports listed above.

The certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the manufacturer.

PP
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Pretoria, 8 October 2003



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