

National Electrical Test Facility
PO Box 144, Olifantsfontein, 1665
Tel (011) 316-2005 Fax (011) 316-4979
Int. code +27 11
A division of the
South African Bureau of Standards

Nasionale Elektriese Toetsfasiliteit
Posbus 144, Olifantsfontein, 1665
Tel (011) 316-2005 Faks (011) 316-4979
Int. kode +27 11
'n Afdeling van die
Suid-Afrikaanse Buro vir Standaarde

Your ref: O/No. SAB/031-KF/98

Our ref: HC/86463/ajb

Enq: CJ Koen

No.: HC/86463/Q18 E

Page: 1 of 3

Date: 1998-09-30

Volex (Asia) (Pte) Ltd
35 Tamines Street 92
SINGAPORE
528880

TESTING OF A 16 A MOULDED PLUG

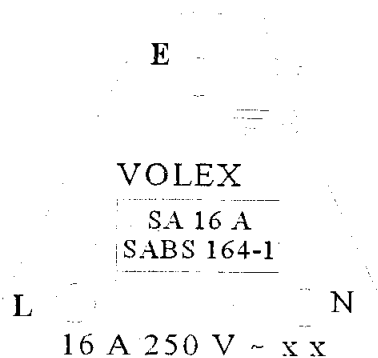
1 Description of sample

1.1 The sample, designated samples No. Q520 A3-D3, consisted of four (4) moulded type plugs with the following markings:

c) Moulded plug: MAYOR MP 234 BS 546; $\text{\textcircled{16A}}$ 250 V~

The proposed new markings to the moulded plug are as follows:

APPROVAL STANDARD	:	SABS 164-1
TRADE MARK	:	VOLEX
CATALOGUE NO.	:	SA 16 A
PLUG RATING	:	16 A 250 V ~



This report shall not be reproduced except in full without the written approval of the SABS

This report relates only to the specific sample(s) tested as identified herein. It does not imply SABS approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested. (Refer also to the complete conditions printed on the back of official test reports.)

Hierdie verslag het slegs betrekking op die spesifieke monster(s) wat getoets is, soos hierin geïdentifiseer. Dit impliseer nie dat die kwaliteit en/of prestasie van die betrokke artikel(s) deur die SABS goedgekeur is nie en die toetsresultate is nie van toepassing op 'n soortgelyke artikel wat nie getoets is nie. (Sien ook die volledige voorwaardes op die rugkant van amptelike toetsverslae.)

2 Test method

The sample was tested for compliance with the requirements of SABS 1661:1996 *Safety of cord sets and cord extension sets*.

NOTE – Subclause 4.1.2 determines that:

"The plug of a cord set or cord extension set shall be of the non-rewirable type and shall comply with the relevant requirements of SABS IEC 60884-1."

3 Sampling procedure

The samples were submitted for testing by the client.

4 Measuring equipment


Refer to appendix A for a list of measuring equipment and tolerances.

5 Test conditions

The test was conducted at the National Electrical Test Facility, NETFA.

6 Conclusion

The sample complied with the requirements of SABS 1661:1996.


.....
AJ Greyling
Acting Section Head
High Current Laboratory: NETFA


.....
JP Speedy
Manager: Technology NETFA

APPENDIX A**A.1 Measuring equipment**

The following equipment was used for the measurements:

Type of equipment	Make and model	SABS No.	Accuracy
High voltage test set	Foster	17920	± 2,0 %
Oven	Gallenkamp	6486	± 5,0 °C
Temperature indicator 10 point	Fluke 2176A	20939	± 1,2 °C
Ammeter	Yew M4B2592	13618	± 0,5 %
Multimeter	Fluke 79	45069	± 0,2 %
Ammeter	Yew 2013	18521	± 0,5 %
Wattmeter	Yew 2041	16884	± 0,7 %
Scale	Sartorius BP8100	26036	± 0,05 %
Vernier	Mitutoyo	23000	± 0,05 mm
Megger 500 V d.c.	Megger 2083832	14487	± 3,0 %
Omega stop watch	Omega UUT	13299	± 0,01 %
Digital thermometer	Fluke 2175A	20940	± 1,2 °C
Power factor meter	Metrix MX0098	12441	± 1,0 %
Impact hammer	MES 379	16828	± 3,0 %

Calibration of this equipment is traceable to National Standards.

A.2 Tolerance of measurements

High voltage test	: 2,0 %
Temperature (heat resistance)	: 5,0 °C
Temperature (rise test)	: 1,2 °C
Temperature (glow wire)	: 1,2 °C
Current	: 0,5 %
Voltage	: 0,2 %
Watts	: 0,7 %
Weight	: 0,05 %
Measurements	: 0,05 mm
Resistance	: 3,0 %
Time frequency	: 0,01 %
Power factor	: 1,0 %
Impact test	: 3,0 %

Your ref:

Our ref: 7322/ 7209

Enquiries: Gerrie Kriek

Tel: (012) 428-6947

Date: 2003-04-11

The Quality Manager
Volex (Asia) (Pte) Ltd
Mayor Building
Henggang Road
Bao An County
SHENZHEN 528880
China

Dear Sir

REDESIGNATION AND RENUMBERING OF STANDARDS

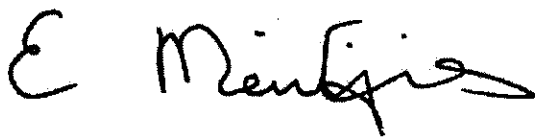
As you may already know, the Standards Division of the SABS has changed its name, and will henceforth develop and publish standards as Standards South Africa. National Standards are being redesignated as SANS (South African National) standards, as opposed to SABS standards. Many standards have also been renumbered. For your information, both previous and new designations and numbers of standards for which you have (a) permit(s) / certificate(s) are given below. Your permit(s) and or certificate(s) will be reissued in due course. If you have been registered to a code of practice, or hold a permit for a mark specification where no new designation has been indicated, it means that the designation and number are retained for the present. You will be notified of any changes, should they occur.

Certificate/ Permit Number	Previous designation and number	New designation and number
MRK 6723/9981	SABS 1661	SANS 1661

For your convenience, a copy of the SANS letter has been reproduced on the reverse side of this letter.

We are aware of the fact that the new designations (and numbers where applicable), do not as yet appear on our website. This is being attended to and should be in place by the end of this month.

Yours faithfully



Dr E Meintjies
Managing Director
Global Conformity Services (Pty) Ltd

standards South Africa

October 2002

Dear Customer,

You might have noticed that some of our people say that they represent the SABS, and others represent "Standards South Africa". Similarly, the standards you have consulted or purchased may be identified by either of these names, or by a combination of "SABS" and "SANS" numbers.

We apologise for any confusion !

The Standards Division of the SABS has changed its name and will henceforth develop and publish standards under the banner of Standards South Africa, to distinguish ourselves from the identity of our parent organization, SABS.

This identity change is part of an ongoing implementation programme of transformation deemed necessary to bring us closer to our stakeholders.

All our national standards are being redesignated as SANS (South African National) standards, as opposed to SABS standards. While this will necessitate some numbering changes of existing standards, the change is a necessary one, and any inconvenience to users will be kept to a minimum. The new numbering system will also be much simpler and clearer than before. Old standards numbers will not fall away immediately, but will run in parallel with the new numbering system for at least 5 years during which time both numbers will be legally valid.

The physical renumbering and changing of the "look and feel" of around 5000 standards is a mammoth task. For some time, therefore, it will be necessary for us to continue to deliver standards to you that bear the SABS numbers and that include references to SABS-numbered standards. Please rest assured that these standards are just as valid as the newer, SANS-numbered standards that will eventually take their place over the next 5 years.

A full list of the numbering changes is being published in the Government Gazette, and will be available for consultation at our offices.

Should you have any concerns about the changes and how they affect you, please email us on info@sabs.co.za or contact me personally.

Kind regards,

Graham Holloway
Head: Strategy & Systems Development
Standards South Africa

tel: (012) 428 6617 email: hollowga@sabs.co.za