

SECULIFE | ST

Electrical Safety Tester

High voltage limits for operation on North American power supply

 3-349-550-03
 1/3.09

M6930 (concerning option B07)

Because of the North American Power Supply Socket with nominal voltage of 115 V AC the high voltage test of this tester is limited to 2.7 kV AC.

This applies to the following chapters:

- **Chap. 10.3, on page 23:**

A selected nominal voltage of **2.7 kV** results in a DC output voltage of **4.05 kV**.

...

2. Discharge energy (at **4.05 kV**) is less than 350 mJ.

...

This results in a peak short-circuit current value of approximately 5 A (at **4.05 kV**), which causes audible and visible sparking.

...

Caution: High-Voltage!

... A high-voltage of up to **4.05 kV** is present at the test socket output!

Chap. 10.3, on page 24 (end of left column):

The selected nominal voltage of **2.7 kV** results in a DC output voltage of maximum **4.05 kV**.

- **Chap. 19, on page 58:** Test Voltage: **2.7 kV**

Chap. 19, on page 59: *Chart Transducer:*

U_N adjustable: 1 ... **2.7 kV**

Short-Circuit Current: > 5 A at **4.05 kV**

Maximum Test Voltage: **2.7 kV**

M693D

International use with adapter set.

If adapter is applied, then high voltage test of this tester is limited to 1.5 kV DC.

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