

Solutions for electrical safety test systems

S 2115 Safety system with current limitation, HV current < 3 mA



In many countries additional workplace safety measures are not needed during the high voltage testing with a.c. up to 3mA. If the current is higher than 3 mA a special test system with automatic protection against direct contact or a sealed off area with warning light and two-handed operation is required.

This Safety module is intended for limitation of the test current in the HV tests to a safe level. It consists of two boxes. The first box S 2115_1 contains resistors that are connected in series with the HV measuring circuit. The resistors significantly reduce the output power of the high voltage circuit (short circuit power < 20 mA).

The second box S 2115_2 contains a current monitor. If the test current exceeds 3 mA the inbuilt current monitor will disconnect the measuring circuits from the mains within a safe time.

The START button is intended to activate the safety module after being (re-)energized.

KEY FEATURES

- The highest protection grades up to PLe or SIL3 can be achieved;
- Protection against direct contact;
- All components in the safety modules are approved safety devices;
- Simple integration into the measuring system.

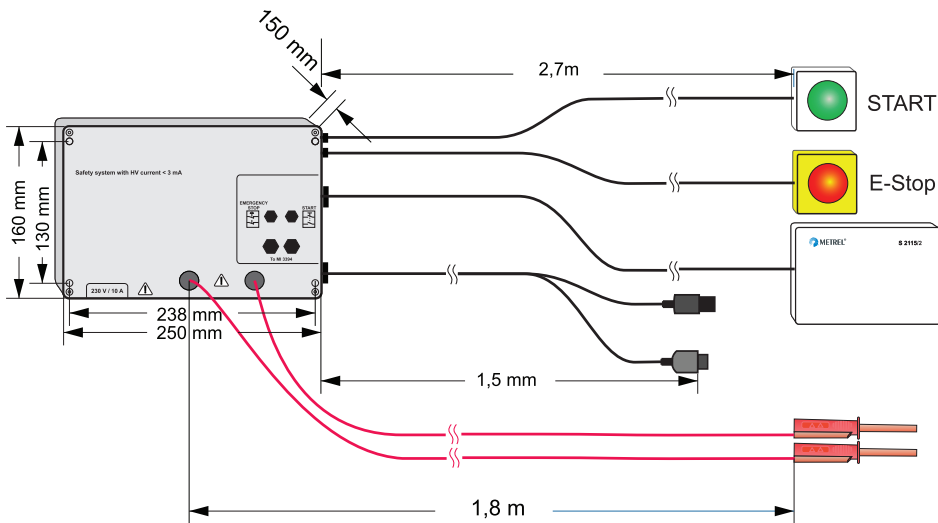
STANDARDS

- **Safety**
- EN 50191

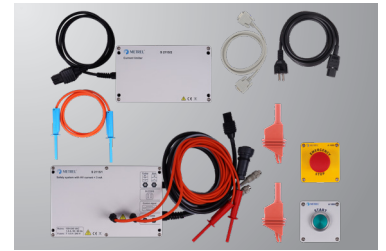
TECHNICAL SPECIFICATION

General

Fastening screws	M4 x 12 DIN 912, 4 pcs
Weight	3.2 kg
Dimensions	





ORDERING INFORMATION



Standard set S 2115

- S 2115/1 Safety system with current limitation, HV current < 3 mA
- S 2115/2 Current limiter
- A 1728 Mains cable C13 / Schuko, 3 x 0.75 mm², 2 m
- A 1773 Crocodile clip, red, (HV)
- A 1602 HV test lead with test probe, blue, 1.5 m
- A 1690 Start button
- A 1689 Emergency stop button
- A 1017 Communication cable, RS232, 2 m

OPTIONAL ACCESSORIES

Photo	Order No.	Acc. decription
	A 1494 2M	HV test pistol with 2 m cable, blue
	A 1494 15M	HV test pistol with 15 m cable, blue

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Note! Photographs in this catalogue may slightly differ from the instruments at the time of delivery.
Subject to technical change without notice.