



SCC

SERIES CIRCUIT CUTOUT



COMPLIANCES

FAA: AC 150/5340-26

IEC: 61822

AENA: PPT/002-05/13

APPLICATIONS

This equipment short-circuits and connects to ground the series circuit output terminals of the constant current regulator and assures the series circuit is not powered during the site maintenance and testing operations

SCC allows to modify the functional and protective electrical wirings between the constant current regulator and the series circuit/grounding cables by simply operating the mobile upper handle plug, avoiding possible contacts to the high voltage parts of the circuit

The cutout includes two sections:

- the body, which the cables of the series circuit and for grounding purposes are wired to
- the handle plug, which permits different connection combinations between the constant current regulator and the series circuit, depending on its position

BENEFITS

- Easy to use
- Double entrances of the series circuit cables (from the bottom or the top, to be chosen)
- Small size and ergonomic
- Lockable (*) in "Maintenance" position
- Two micro-switches allows to interlock the constant current regulator power supply and to provide a remote signalling

(*) not included in the supply

PERFORMANCES

- Nominal voltage: 5kV AC
- Nominal current: 6,6A
- Dielectric strength: according to IEC 61822
- Max size of the connectable cable: 10 sqmm
- Micro-switches: form A (NO), 400VDC/0,5A
- Temperature range: -40°C ÷ +55°C
- Dimensions: 216 x 200 x H120 mm
- Protection degree: IP20
- Weight: 2.10 kg

INSTALLATION

- Suitable for wall mounting or constant current regulator/electrical panelboard application, inside or outside
- Double fixing possibilities, by means of two or four fasteners

OPERATION

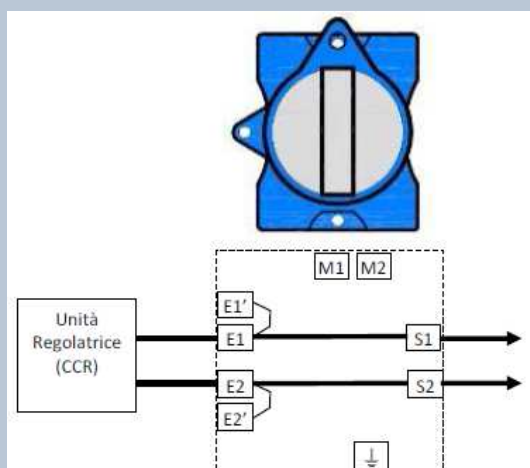


Fig. 1 Normal Operation

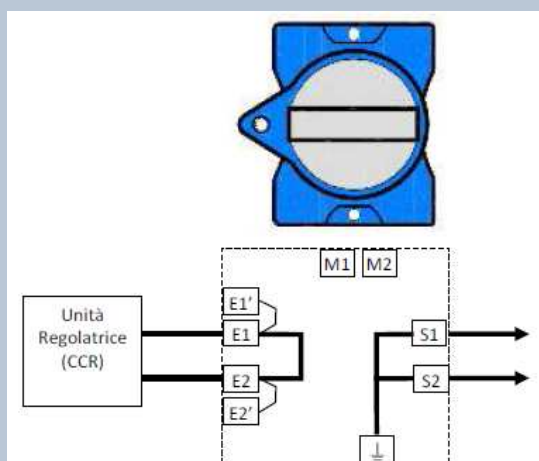


Fig. 2 Maintenance Operation

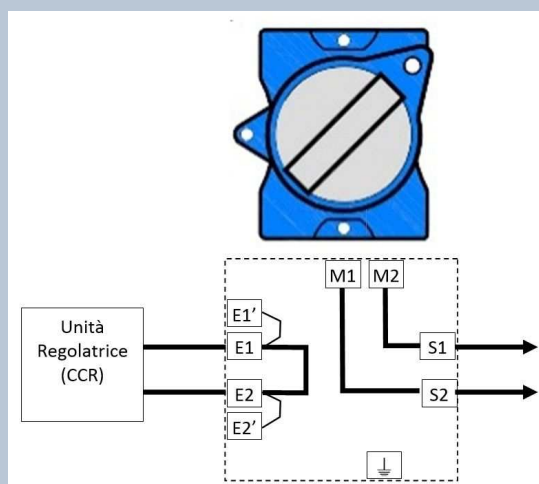


Fig. 3 Testing Operation

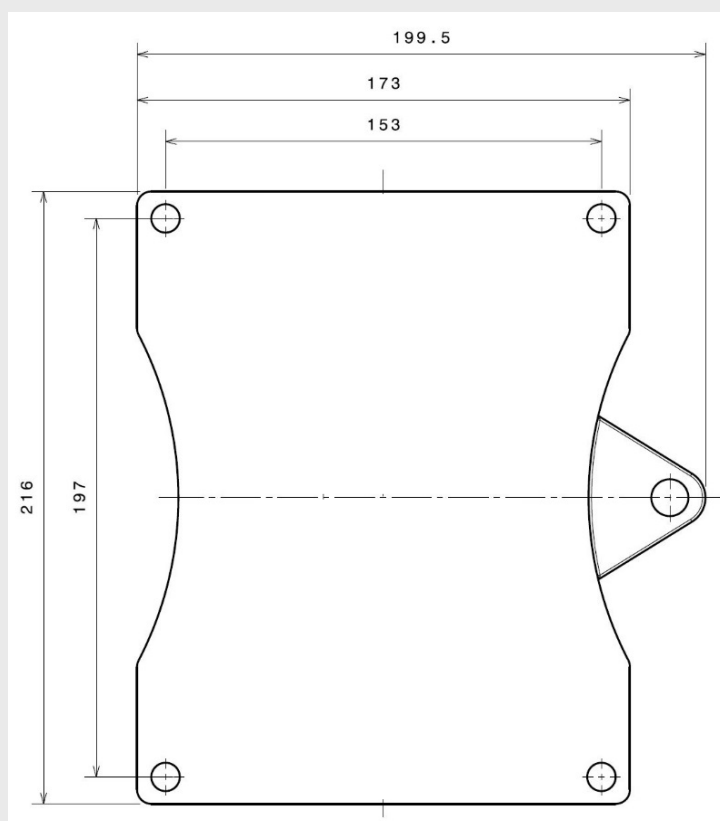
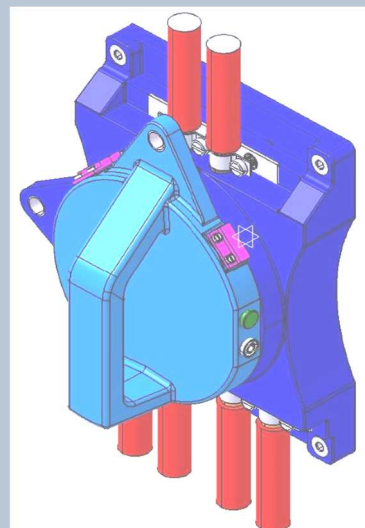


Fig. 4 Overall and installation dimensions

Height, Weight and Volume	
Height (mm)	120
Weight (kg)	2.1
Volume (m ³)	0.009