CS26

Photovoltaic (PV) Soiling 20 Amp ISC Sensor with Control

Overview

The CS26 is used with a Campbell Scientific data logger to measure up to 20 A current on a single channel with controllable solid-state relays. The CS26 is commonly used in photovoltaic (PV) soiling applications to control and measure the short-circuit current (I_{SC}) of full-sized and bifacial crystalline PV modules. A single CS26 is used for both clean reference and dirty test modules. The CS26 ships with a certificate of NIST traceable calibration.

Benefits and Features

- Single shunt design to reduce uncertainty
- Shunts comply with MIL-S61-B and A-A-55524 specification
- Single-channel, solid-state relays
- For use with full-sized and bifacial crystalline PV modules
- NIST traceable calibration certificate

Specifications

Maximum Current	20 A
Maximum Voltage	100 V
Maximum Signal for I_{SC}	50 mV (at 20 A)
Control Voltage	3.5 to 32 V
Control Current	10 mA
Dimensions	21.59 x 5.41 x 12.4 cm (8.5 x 2.13 x 4.88 in.)
Weight	657.7 g (1.45 lb)

For comprehensive details, visit: www.campbellsci.com/cs26

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