



String current monitoring

The **Ingecon[®]Sun String Control** is a device for measuring each PV generator string current and detecting defective string currents through **Ingecon[®]Sun Manager** software.

String currents can be monitored through the RS-485 communication cards, GSM/GPRS, Ethernet or WIFI. It is easy to mount and is suitable for outdoor installations.

It is particularly recommended for three phase inverters.

Protections

- Individual string fuse protection.
- IP65 protection for outdoor installation.

Optional

- SMS alarm functionality for any faulty currents.
- DC overvoltage dischargers.
- DC switch.

Technical data

Ingecon [®] Sun String Control	
Maximum number of connectable strings	16
Maximum number of measurable channels	16
Maximum current per string	10 Adc
Maximum total current	160 Adc
Number of protection fuses	16
Maximum voltage	1,000 Vdc
Inlet connectors	PV connectors type 3 or 4
Outlet connectors	PG M40 (up to 240 mm ²)
Communications	RS-485, GSM/GPRS, Ethernet, WIFI, fibre optics card
Ambient temperature	-20°C to +65°C
Protection class	IP65
Grounding connector	PG M16 (35 mm ²)

Size and weight

(mm)

IngeconSun String Control 15 kg.

