

SOLAR CONTROL SYSTEM

"Total Control" - Close examinations

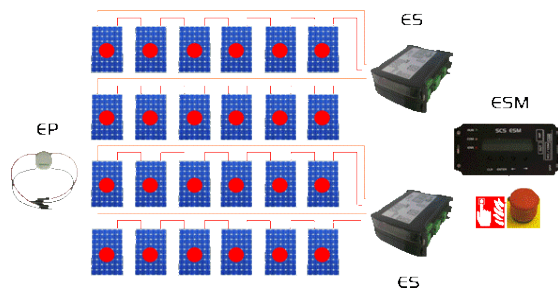
"Electric switch off"

Important function of the system Solar Control System (SCS) is that to effect a radical block of energetic production to the source, that is from every single PV panel, if events of any nature were to lead the safety of the plant (fire, floods, earthquakes, maintenance plant etc...)

Operation:

With a simple pressure of a safety button, the system SCS provides in real time at the CONTEMPORARY ELECTRIC TURNING OFF all the PV panels of the plants.

Finished the necessity of mass in safety, it will be possible to restart the production of energy simply interacting with the Electronic Master ES (the control unit) of the system SCS.



Maximum safety:

To ensure "Maximum safety" the system finds on the energy interruption produced by every single panel of the plant. This is gotten stopping the generation of a particular electric signal of control, introduced on the existing plant (wiring of power), without adding some wiring and without adopting typologies of communication wireless : few sure and too much subject to troubles, inhibitions of field and various interferences.

Naturally every panel must be endowed with an electronic of control (EP) fit to the recognition of the control signal: the presenc of the signal enables the delivery of energy, the absence excludes it.

BOM

- n° 1 ESM (Master Electronic) control unit of the plant
- n° 1 ES (String Electronic) every two strings of the PV panels
- n° 1 EP (Panel Electronic) every single panel

S.C.S. TOTAL CONTROL

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