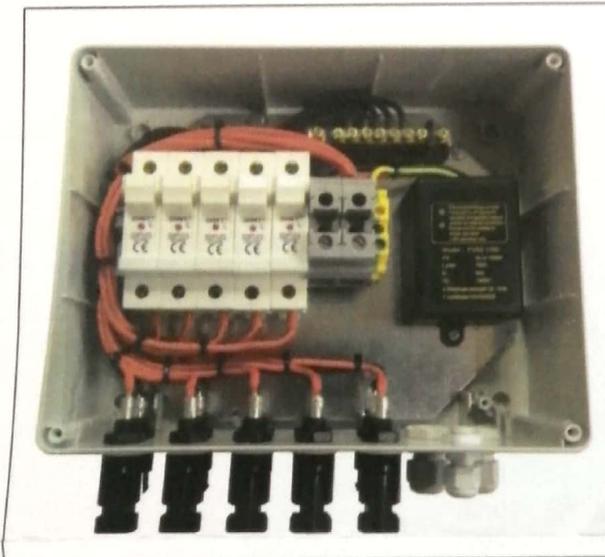


usedasun

PV - 5 String Junction & Protection Box *UDS-5C-ES*



- *Easy to install*
- *Save on installation costs*
- *5 off PV Inputs via MC4*
- *Individual Input Fuse protected*
- *LED to show blown fuse*
- *Individual Input Isolation*
- *Electrostatic & Surge Arrester Protection*
- *LED to show operational*
- *IP54 Plastic Enclosure*
- *Glands for system wires and earth*

Usedasun® Solar String Junction and Protection Box

Model UDS-5C-ES

As with all **Usedasun®** products, time and cost savings is kept in mind in the initial design. By placing the junction box close to the PV panels, direct connection of the panels can be made into the junction box, and a single pair of wires is all that is required to connect to the solar installation. On long wire installations, the cost of cabling can be expensive.

Not only is there a saving in installation time and cabling, but with the internally supplied Electrostatic & Surge Arrester Model PVSS – 1260, full protection of the PV array is accomplished against electrostatic build up and surges that may occur due to atmospheric activity, and easily checked by noting that the Electrostatic & Surge Arrester LEDs are lit during solar activity.

The unit is versatile in that it can accommodate individual panels in parallel, or a number of series connected arrays in parallel, to make up the required power for the solar system array, provided each array is of similar output voltage.

Each input is individually protected by a fuse, and can be isolated from the system for maintenance, by simply opening the fuse holder. The fuse holder has an LED to indicate if there is a blown fuse in a particular string.