



# S-BOX

FIREFIGHTER SAFTY SWITCH

- Up to 2 strings
  - Up to 50A
  - Up to 1500Vdc
  - CE certification
  - Motor driven switch disconnection
  - PC+ABS ,Robust plastic enclosure IP66
  - Knock outs | Cable glands | MC4 connectors
  - Easy installation, plug and play
  - Built-in DC isolator with TUV, CE, CB, SAA, UL
  - Shut down automatically exceeding 70°C
  - Equipped with breathing valve to avoid conden-sation inside the enclosure
- Applied to residential, commercial solar installations



# FOX S-BOX

## FIREFIGHTER SAFTY SWITCH

### SPECIFICATIONS

|  |                   |
|--|-------------------|
| No. of Strings   | 2                 |
| Poles  | 4                 |
| String voltages (Vdc)                                  | 300~1500          |
| String current (A)                                     | 16~50             |
| Number of strings                                      | 2                 |
| Switch wiring  | 4                 |
| Operating voltage                                      | 100Vac~270Vac     |
| Nominal voltage  | 230Vac            |
| Nominal current  | 30mA              |
| Start up (loading) current                             | average 100mA     |
| Switch on action current                               | max 300mA         |
| Feedback contact                                       | 24Vdc - 300mA max |
| Operating temperature range                            | -20°C - +50°C     |
| Max. operating temperature before automatic switch off | +70°C             |
| Storage temperature range                              | -40°C - +85°C     |
| Protection degree                                      | IP66              |
| Protection level                                       | Class II          |
| Certification  | CE                |
| DC Switch disconnect according to                      | EN 60947-1&3      |
| Number of operations                                   | 10000             |
| Number of operations under load (PV1)                  | >1500             |

