



S-BOX

FIREFIGHTER SAFTY SWITCH



- PC+ABS, Robust plastic enclosure IP66
- Built-in DC isolator with TUV, CE, CB, SAA, UL
- Shut down automatically exceeding 70°C
- Equipped with breathing valve to avoid condensation inside the enclosure
- Applied to residential, commercial solar installations



Up to 50A



Safety



IP66
Rated



Easy
Installation



For more information about the Fox ESS range, visit:
www.fox-ess.com

TECHNICAL SPECIFICATIONS

MODEL	S-BOX
String voltages [Vdc]	300 ~ 1500
String current [A]	25/25
Number of strings	2
Switch wiring	4
Operating voltage [Vac]	100 ~ 270
Nominal voltage [Vac]	230
Nominal current [mA]	30
Start up (loading) current [mA]	average 100
Switch on action current [mA]	Max. 300
Communication	RS485
Operating temperature range [°C]	-20 ~ +50
Max. operating temperature before automatic switch off [°C]	+70
Storage temperature range [°C]	-40 ~ +85
Protection degree	IP66
Protection level	Class II
DC Switch disconnect according to	CE
Certification	EN 60947-1&3
Number of operations	10000
Number of operations under load (PV1)	>1500

