

Protecting the Future with Rapid Solar Shutdown.

Introducing the Craig and Derricott – PVFS Firefighter Safety Switch

Did you know that when your solar panels are turned off at the mains, the solar panels themselves are still generating a dangerous level of electrical voltage?

With our easy-to-install C&D PVFS firefighter safety switch added to your system, it will automatically detect any issues with your power supply and shut off the solar panel strings (the groups of panels connected together to generate electricity).

Firefighter safety switches are already a requirement in some EU countries, and with safety rules constantly evolving, the UK could be next—future-proof your system by adding protection now.

How it works

MANUAL SHUTDOWN OF AC POWER SUPPLY (MAINS/GRID)

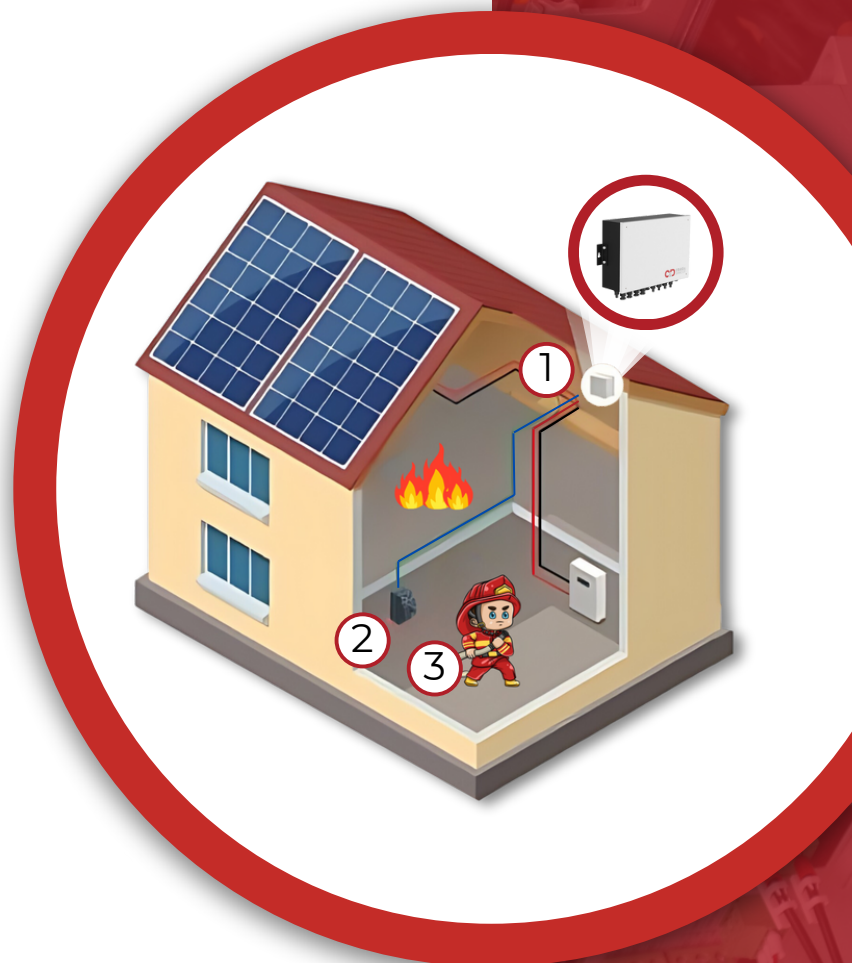
In the event of a fire, the fire services need to shut down the power supply to the building to create a safe zone and remove any risk of electrocution. After the PVFS switch senses the loss of power to the building, it will then automatically isolate the DC electrical voltage produced by the solar panels.

INTERRUPTION OF AC SUPPLY (MAINS/GRID)

In the event of a power cut due to fire or any other emergency, the PVFS will automatically isolate the building's solar panels, creating a safe working environment for the emergency services or any individuals performing maintenance.

OVER TEMPERATURE PROTECTION

When the ambient temperature reaches 70°C the firefighter safety switch will isolate the PV strings automatically.

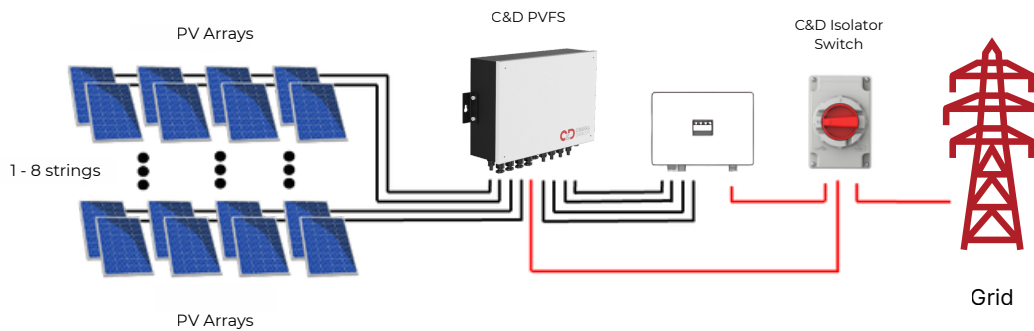


Electrical current! Danger to life!

Installation, commissioning and maintenance work must be carried out by qualified personnel only.

— DC Cable +
— DC Cable -
— AC Communication

Typical installation: example.



— AC Communication Cable – (Grid/Mains connection)
— DC Cable – (Solar panels)

Available in 2, 4, 6, and 8 string versions

1-2 String version – PVFS40-2
1-4 String version – PVFS40-4
1-6 String version – PVFS40-6
1-8 String version – PVFS40-8



Contact our Sales team
to place your order today!