



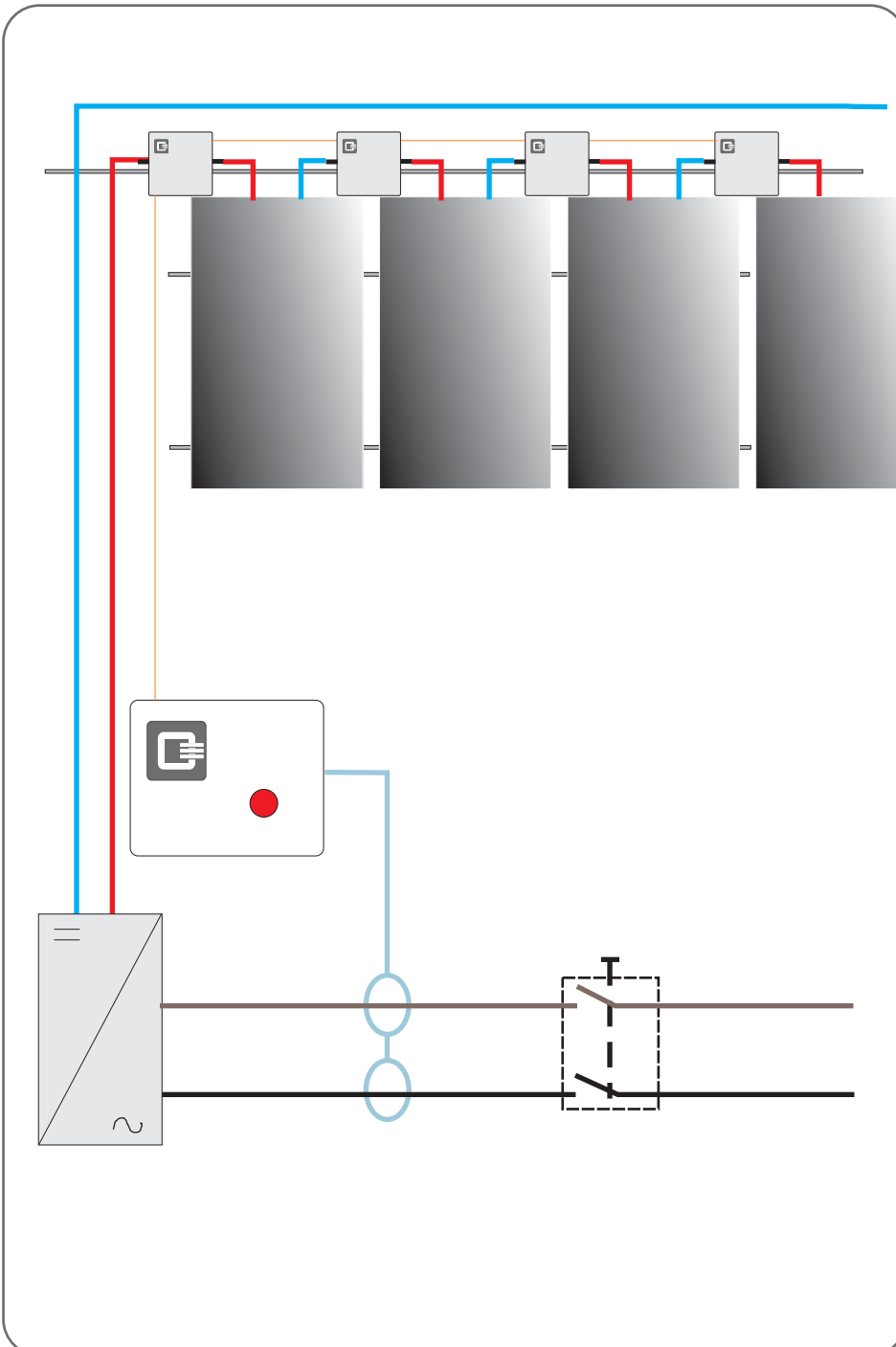
Q Fire Switch

POWER FOR NEW ENERGIES

In case of fire or incidence, a modern PV plant needs an effective and secure way to switch off the modules. This is the only way to assure a safe and secure handling at the modules during sun exposure. With a safe

disconnection device firemen are able to extinguish a burning building without hesitation after disconnecting the modules from voltage. The Q Fire Switch of Q3 Energieelektronik GmbH & Co KG is a brand new system - patent

pending - and promises utmost safety: After isolating the supply voltage all modules are connected to ground potential.



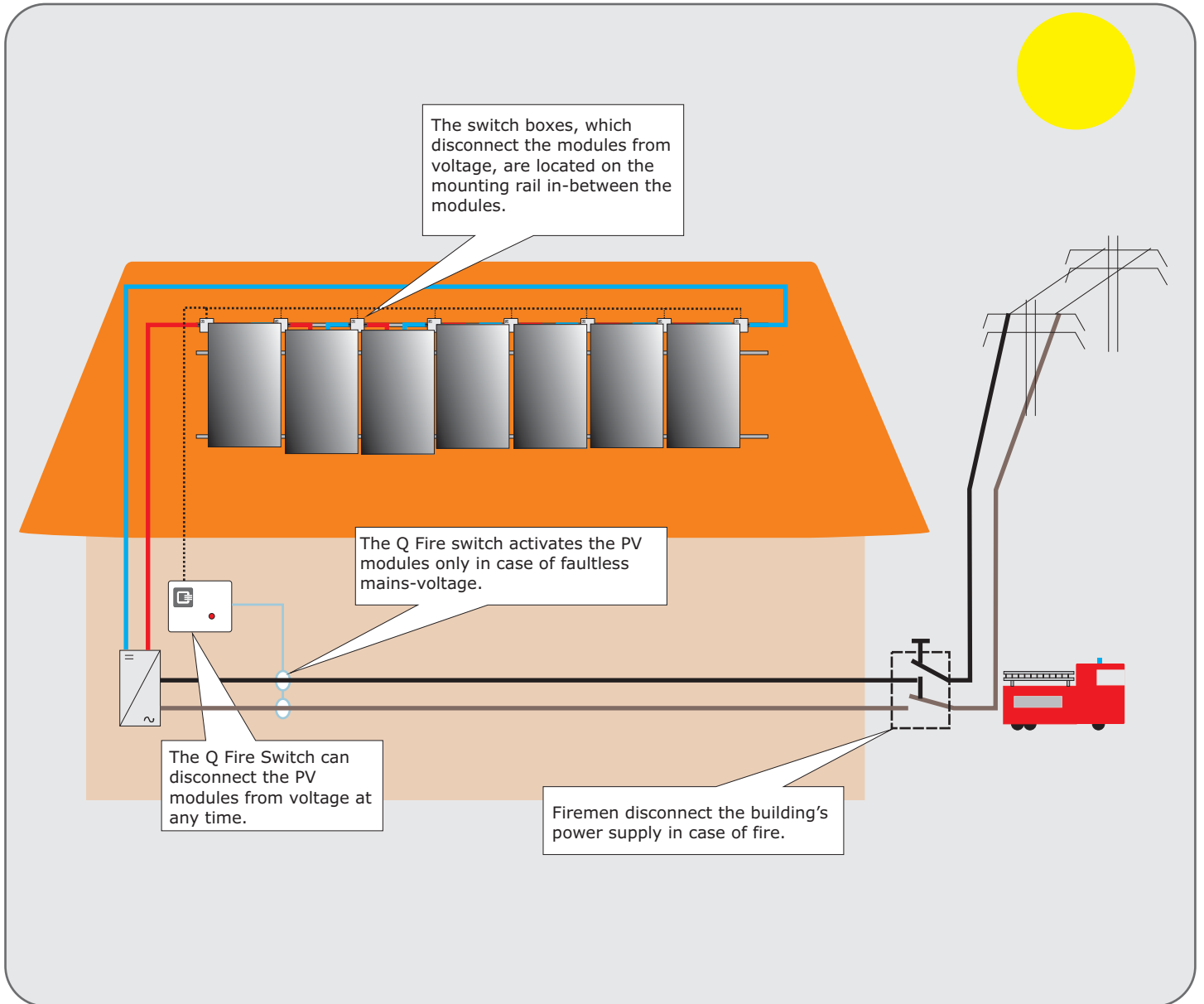
At a glance: the advantages

- **Disconnection by earthing.** Each pole of the modules is directly connected to ground. Thus the modules cannot produce any voltage anymore.
- **Easy to mount.** The switching elements are mounted directly on the mounting rail and is simple connected in-between the modules..
- **No additional switch required.** In case of fire it is usual to disconnect the building's grid connection. Thus the Q Fire Switch automatically deactivates the PV plant. Enabling the grid the PV plan comes on stream again.
- **Retrofitable.** The Q Fire Switch can be retrofitted at anytime caused by the simple concept.
- **Manual plant shutdown** for maintainance and cleaning is possible at any time.



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Q3 Energieelektronik GmbH & Co. KG

We develop and produce innovative, electrical devices for the field of renewable energies with high standards in quality, efficiency and security. . Easy installation saves time and our conclusive networking ensures a high yield stability.

Quality made in Germany!

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