

Safety Technology - Control the unexpected

Safety Technology from Eaton – the comprehensive product portfolio for safety-related solutions. Depending on the specific application and requisite hazard protection, the appropriate safety functions in compliance with the highest requirements of international safety norms are utilized.

Safety Technology components from Eaton are certified by TÜV-Rheinland or the German Institute for Occupational Health and Safety (BGIA) and cover the entire safety chain:

- Input: fast and safe recording.
- Logic: safe monitoring and processing.
- Output: reliable switching off.



Safety engineering in this catalogue:

The fundamental purpose of all Eaton devices is to help you control electricity safely and reliably. Several components are especially designed and constructed for safety-related applications.

- Chap. 2** – Pilot devices, hand and foot switches
- Chap. 2** – Pilot devices, emergency stop devices
- Chap. 2** – Pilot devices, signal columns with acoustic alarm
- Chap. 3** – Position switches, sensors, safety position switches
- Chap. 4** – Cam switches, switch-disconnectors
- Chap. 5** – Contactors, power contactors
- Chap. 5** – Contactors, contactor relays
- Chap. 5** – Contactors, contactor monitor CMD
- Chap. 13** – Safety relay ESR5
- Chap. 13** – Control relay suitable for safety circuits easySafety

Safe logic processing with safety relay ESR and safety-related control relay easySafety.

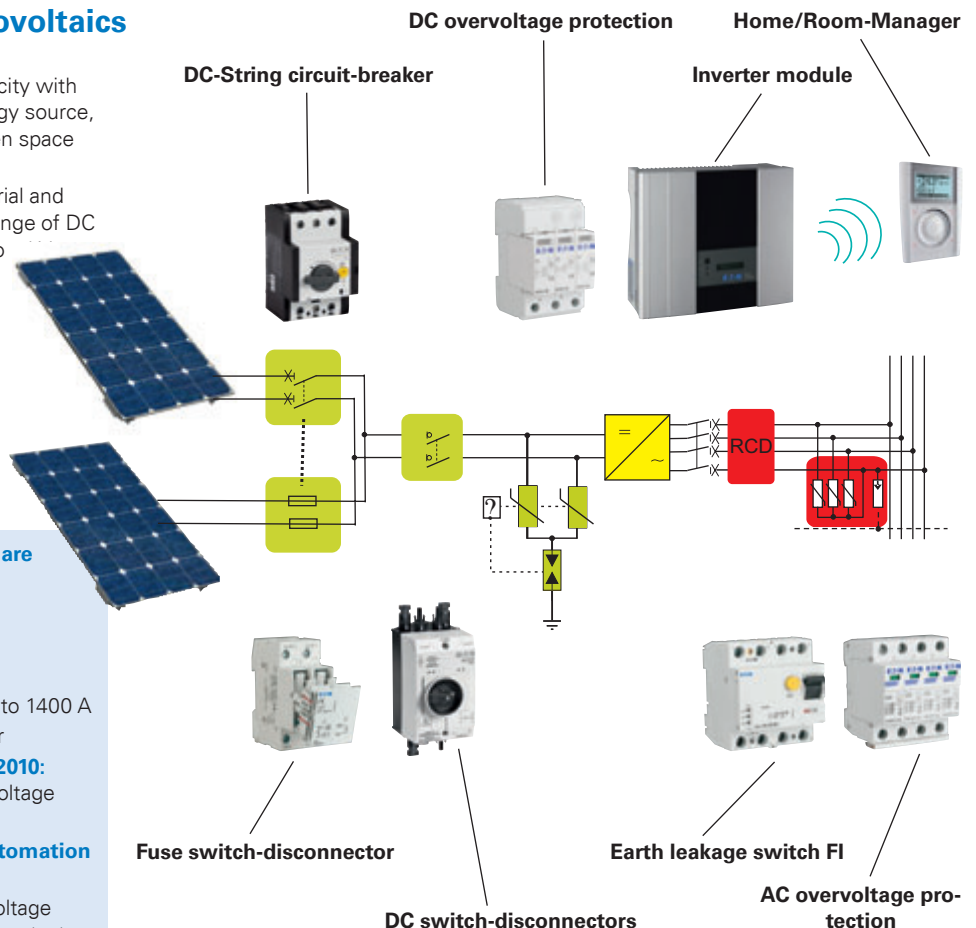
Flexible processing with safety-related control relay easySafety. All in one: easySafety combines safety and control functions in one device.

Cost-effective monitoring with safety relay ESR5. The appropriate safety function for each application, in a smaller enclosure width.

Renewable energy – photovoltaics

Photovoltaics – Convert sunlight to electricity with solar cells. A sustainable, renewable energy source, used in private or public buildings and open space installations.

For photovoltaic applications in the industrial and building sectors, Eaton offers a product range of DC switching devices for direct voltages up to



Devices for photovoltaic applications are found in these catalogues:

- Chap. 5** – DC contactors
 - Chap. 7** – DC string circuit-breaker
 - Chap. 7** – DC switch-disconnector
 - Chap. 17** – Compact circuit-breakers up to 1400 A
 - Chap. 19** – DC fuse switch-disconnector
 - In the catalogue Installation Devices 2010:** Residual current devices, AC transient voltage surge suppression
 - In the catalogue Building Services Automation xComfort 2009:** Home/Room-Manager
- For information regarding DC transient voltage surge suppression and inverters, please contact us.