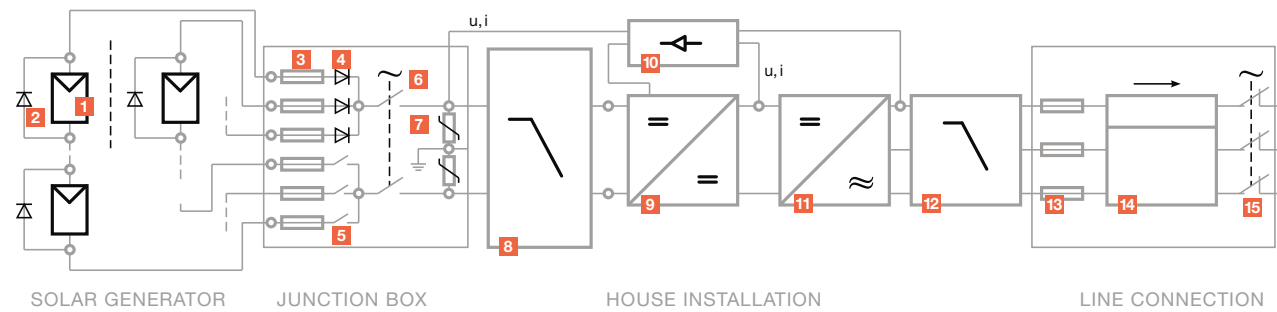


> SCHURTER Components

for Renewable Energies

SCHURTER products are ideally suited for use in power engineering systems, complying with the requirements as defined in their standards: durability, reliability, safety, the highest possible degree of component integration – and, not least of all, safe supply of power and maximum ease of use.

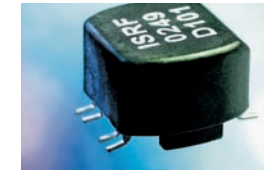
Exemplary block diagram for a grid connected solar system



- | | | | |
|--|---------------------------------|--------------------------------|----------------------------|
| 1 Solarmodule | 5 String Disconnector | 9 DC/DC Converter | 13 AC Fuse left |
| 2 Bypass Diode | 6 DC Main Switch | 10 Control & Regulation | 14 Generation Meter |
| 3 String Overcurrent Protection | 7 Overvoltage Protection | 11 DC/AC Converter | 15 AC Main Switch |
| 4 Shottky-Diode | 8 DC Filter | 12 AC Filter | |



3 | 8 | 9 | 11 | ASO/FSO



9 | 10 | 11 | ISR



7 | 10 | 11 | AVTS



12 | FMAC ECO



8 | FMER SOL



10 | 11 | Touch Panel Unit



9 | 10 | 11 | 13 | OGD



10 | 11 | SMS



8 | 9 | 10 | 11 | 12 | DFKF



11 | 13 | SHT

Individual Solutions:
www.schurter.com/contact

> Power Spectrum SOLAR

Control & Regulation



Power Electronics

