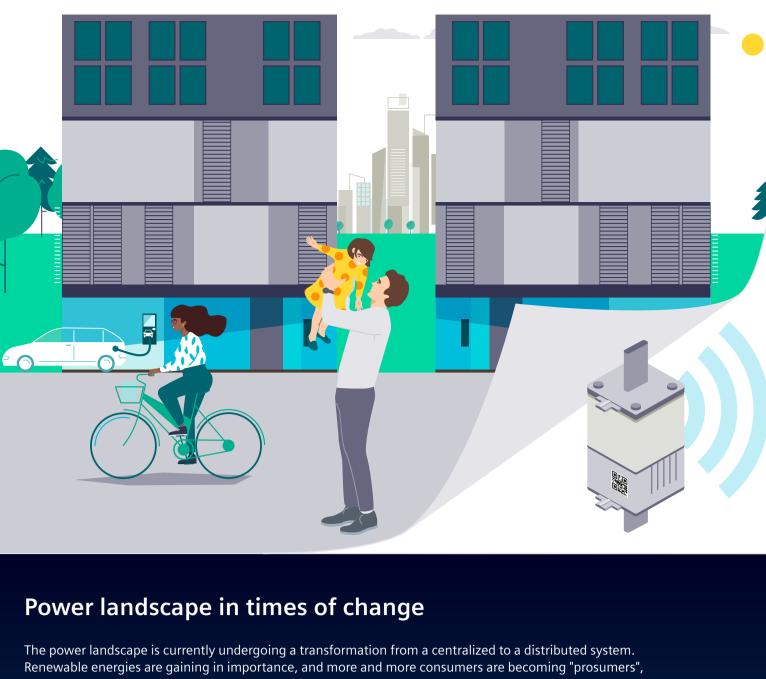


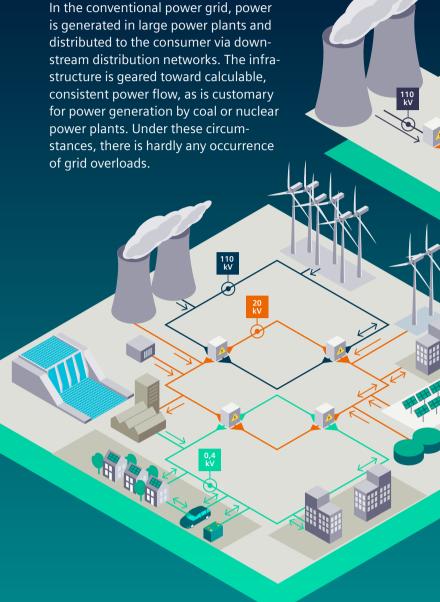
Transparent energy flows

The easy retrofit solution: Clear overview of network activities with the communication-capable SENTRON 3NA COM LV HRC fuse link



who generate their own electricity by means of photovoltaic systems. To ensure demand-based coordination

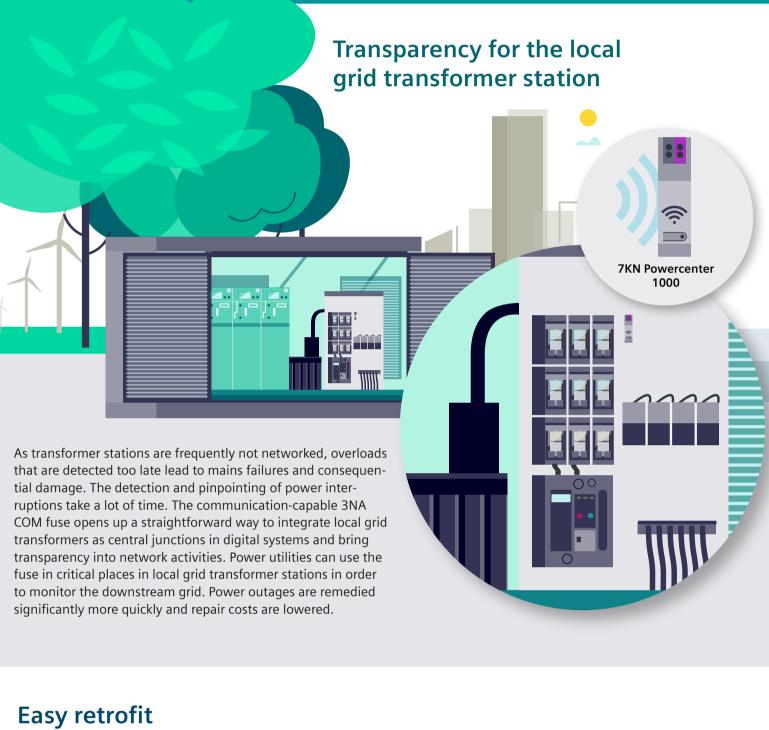
of generation and consumption, it is necessary for the power grid to become "more intelligent". Centralized power grid



demand is also subject to strong fluctuation. More and more large, private consumers, as well as e-car charging stations, for example, make it more difficult to estimate the demand.

Distributed power grid

Multi-directional energy flows, as well as highly fluctuating power generation in a distributed power grid create challenges for energy providers worldwide. Electricity



transfer. All that is necessary is for the

per app.

to be integrated as a central interface into

the power distribution board. Connecting the

7KN Powercenter 1000 and fuse is very simple

SENTRON 7KN Powercenter 1000 data transceiver

The communication-capable 3NA COM fuse has

used in existing fuse bases and safety switching devices of existing 400 V power distribution

systems. Thanks to wireless communication, it

involves no additional wiring effort for data

the same dimensions as conventional LV HRC

fuse systems. For the retrofit, it can be easily



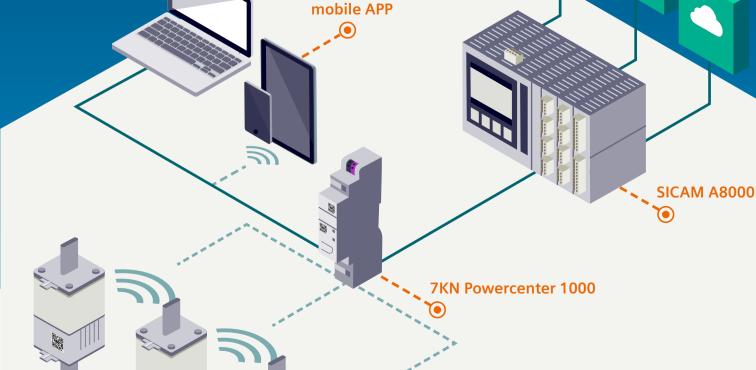
Powerful interface for digitalization

PCB with transmitter

SCADA

in a local monitoring system such as the SENTRON powermanager in the Intranet or Internet. Alternatively, they are transmitted via MODBUS TCP to automation and remote control devices of the SICAM A8000 series and can thus be integrated into SCADA systems or cloud-based applications.

In combination with the 7KN Powercenter 1000, the communication-capable 3NA COM fuse connects the low-voltage power distribution seamlessly with higher-level digital systems. The 7KN Powercenter 1000 processes the data of up to 24 fuses. Straightforward commissioning and parameterization are ensured via the SENTRON powerconfig mobile app, using a smart phone or tablet. The measured values can be visualized



up to 24 fuses

contract.

SENTRON powerconfig

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