Saia PCD1.M0160E0
E-Controller

The E-Controller created for the electrical systems is an SBC Function PCD, which can be used immediately in the default setting, without additional programming.

Energy meters connected via S-Bus and PCD7.H04SE gateway modules for pulse counters are detected automatically. The E-Controller with energy monitoring function combines data capture, visualisation and logging of energy consumption in one compact device. The applications integrated in the PCD are created with the Saia PG5® software. These applications can be adjusted, extended or changed completely as required. With the optional communication interfaces, further protocols and thus data (e.g. from a Modbus counter or M-Bus) can be integrated. As a result of its electrical switch cabinet-compatible design, this controller is suitable for installation in the distribution board next to the energy meters. Other simple applications, for example in the sub-distributor as a communication gateway, can also be implemented using the E-Controller.

Function overview

Preconfigured user interface via web browser

The user interfaces can be accessed with a Java-enabled standard browser or, from smartphones, with the SBC Micro Browser App for Apple and Android. The user interfaces can be individually tailored by the user to his needs using the PG5 programming tool.
Integrated functions can be configured via web browser

- Display and logging of energy consumption
- Automatic SBC S-Bus energy meter detection
- Display of digital inputs
- Manual operation of digital outputs
- Parameterizing outputs (min./max.)
- Sending of alarm and data e-mails
- Displaying the status of the E-Controller

Dimensions

Order details

Type: PCD1.M0160E0  Description: E-Controller for distribution board