

SMI200

Programmable compact controller

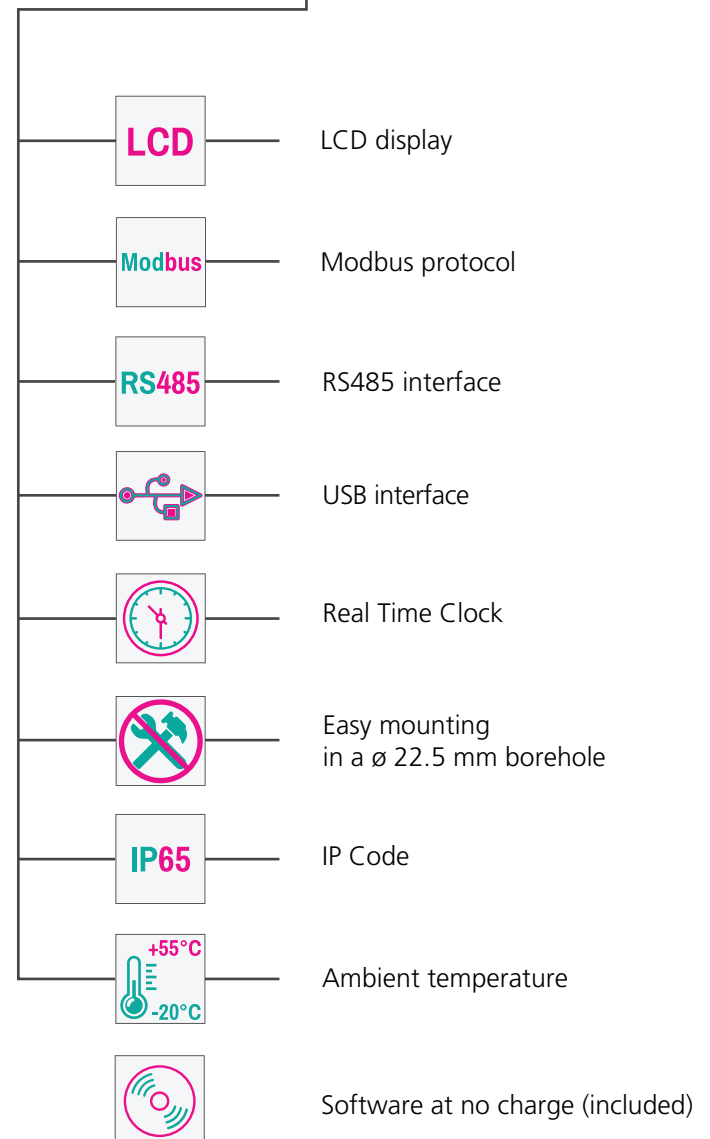
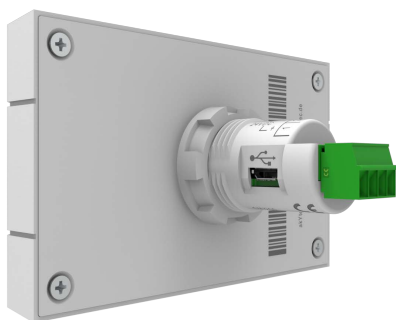
The SMI200 is a programmable compact controller for monitoring and control industrial processes. Instead of a number of inputs and outputs, the device is equipped with an RS485 interface. Due to this solution, the SMI200's enclosure is significantly minimized and fits into a standard 22.5 mm borehole for signal lamps, which provides quick and easy installation plus a plenty of SMI200s can be accommodated in a control cabinet door or on a panel. Over the RS485 interface, any Modbus extension modules (e.g. our Mx110 Series) can be connected to the device. As a result, any required combination of I/O-points can be selected. In a Modbus network, the SMI200 can operate both as a Master and as a Slave. The device programming is carried out using akYtec ALP programming software over micro-USB.

Functions and features:

- Freely programmable device
- 2-line 32-character LCD display
- Master / Slave in a Modbus network over RS485
- Easy mounting in a \varnothing 22.5 mm borehole
- Programming software akYtec ALP (at no charge)
- Real-time clock

Areas of applications:

- Indoor and outdoor lighting systems
- HVAC applications
- Engine control
- Oven / furnace / kiln control
- Lifting systems
- Access control



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Technical Data:

| General | | |
|-------------------------|--|--|
| Power supply | | 24 (9...32) V DC |
| Power consumption, max. | | 2.5 W |
| Display | | LCD with backlight, 2-line, 2x16-characters |
| Function keys | | 6 |
| Real Time Clock | | yes |
| Mounting | | ø 22.5 mm borehole |
| Ambient temperature | | -20...+55 °C |
| IP code | | front IP65, rear IP20 |
| Dimensions | | 100 x 60 x 60 mm |
| Weight | | approx. 400 g |
| Programming | | |
| Programming environment | | akYtec ALP |
| Programming language | | FBD |
| ROM memory | | 128 kB |
| Retain memory | | 1016 Byte |
| Interfaces | | |
| RS485 | | 2-pole connector |
| Protocols | | Modbus RTU / ASCII (Master / Slave) |
| Baud rate | | 9.6...115.2 kbit/s |
| Programming interface | | Micro-USB |

Dimensions:

