



EXOcompact

Second generation of Regin's freely programmable controller

A small and compact controller in three different I/O sizes and with different kinds of communication, with or without internal display. EXOcompact can be used as a stand-alone unit or as part of a system.

- Freely programmable controller with fixed I/O configuration
- For controlling heating stations, air handling units etc.
- 8, 15 or 28 I/Os, with or without internal display. External display as option for models without internal display.

EXOcompact is a range of freely programmable controllers in three different I/O sizes, with or without internal display. EXOcompact has a fixed I/O configuration with 8, 15 or 28 I/Os. It is completely compatible with other EXO products.

EXOcompact is freely programmable in EXOL[®], the EXO high-level language. The programming is done using EXOdesigner, the same development environment as for all other EXO controllers.

EXOcompact has a galvanically isolated communication port for reliable communication and a real-time clock (RTC) for precise time control.

Application areas

EXOcompact is primarily used in applications where the number of I/Os is limited, where it is important to have a controller that is freely programmable, compact, with communication possibilities and high performance. EXOcompact can be used either as a stand-alone unit, or as part of an automation system together with other EXO products.

EXOcompact is an excellent complement to EXOflex in large automation systems and is well-suited for localised tasks, such as zone control or control of heating stations and air handling units.

- Complement to EXOflex in large automation systems
- Communication via RS485 (EXOline, Modbus) or dial-up connection (phone or GSM dial-up), TCP/IP or LON
- Models with 2 communication ports can have I/O expansion, communicate with a local Modbus etc.

Installation

EXOcompact can be mounted either on a DIN-rail or, with an additional mounting kit, in a panel front. The form factor of the casing is EURO norm, which means that it fits into a standard EURO norm cabinet.

Models

The EXOcompact range consists of 24 different models with or without internal display and with different I/O configuration. For models without internal display, there are external display units available as option. There are models with TCP/IP or LON port.

The second generation of EXOcompact also includes models with dual ports, which support communication via TCP/IP, RS485 and PSTN (public switched telephone network). Models with 2 communication ports can have I/O expansion, communicate with a local Modbus etc.

Front mounting kits

FMCE and EK216 are two front-mounting kits that can be used for EXOcompact.

FMCE has protection class IP40 and makes it easier to mount EXOcompact in a front panel etc.

EK216 is a plastic casing with a transparent lid and protection class IP65. It can be used for DIN-rail mounting. EK216 is 216 mm in width.

PLTCE can be used together with FMCE. It is a set of detachable connectors for door-mounted controllers, where the screws and numbering can be seen and handled from the backside of the controller.