

Input/output unit 852619



Operating unit and TFT display 903.G



General

The 903.G version consists of two modules: The industrial controller series 903 in compact housing dimensions as operating unit and TFT display 903.G in panel mounting format 96x96 with 8 cm installation depth, for use even in confined spaces, and the input/output unit 852619 for standard rail mounting.

The connection between the 903.G control unit and the input/output units is made via standard patch cables, thus enabling simple wiring of all signals on the standard rail.

The input/output unit 852619 contains a universal measuring input PT100 / standard signal (can also be used separately), a binary input, an analog signal output and two relay outputs.

If required, the modular hardware expansion units 852... and the intelligent additional devices for external setpoint and signal outputs 99e.... are used to add further inputs and outputs.

The TFT display can be used to show operating displays and action pictures, as well as fault and operating message lists, history (fault indicators), graphic display (line recorder/data logger - up to 8 freely selectable measured values/parameters) and service pages.

In addition to the integrated service interface, access can be made via USB stick.

Versions

Operating unit and TFT display:

- | | |
|-------|--|
| 903.G | <p>Basic version 903.G, operating unit and TFT display, mains supply 230V</p> <p>Configuration: According to list sheet series 903, e.g. 903700G-99bwa-og (Three-point step controller with external setpoint incl. changeover and signal output)</p> |
| 903KG | <p>Version 903KG in freely programmable version, mains supply 230V</p> <p>Configuration: According to list sheet series 903K, unprogrammed or factory-programmed against separate charge</p> |

Input / output unit:

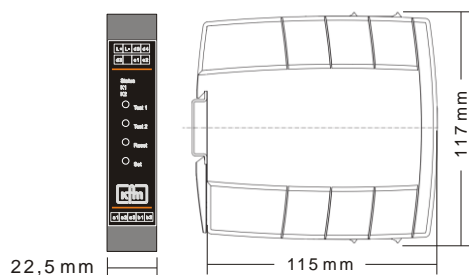
- | | |
|----------|--|
| 852619 | <p>Basic version, mains supply 230V</p> <p>Input Pt100/ (0)4...20mA or (0)2...10V, -100...+400°C/adj. (can be used separately), Binary input for potential free contact, continuous output (0)4...20mA, (0)2...10V, 2 relays, potential free change-over contact (K1) resp. make contact (K2), switching capacity: 250V 2A</p> |
| 8526190L | <p>As 852619, but one logic output 0/24V max. 40 mA,</p> <p>1 relay with potential-free changeover contact, switching capacity: 250V 2A</p> |



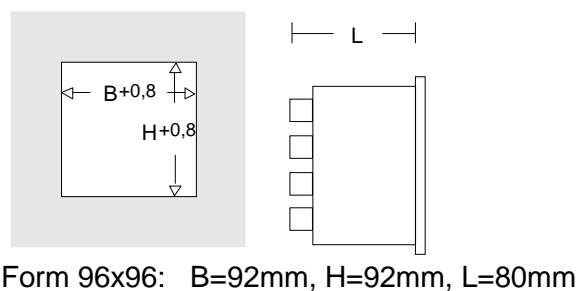
See list sheet 852... for modular hardware expansion units, or list sheet 99e.... for intelligent add-on units for external setpoint and signal outputs.

Installation dimensions

852619:



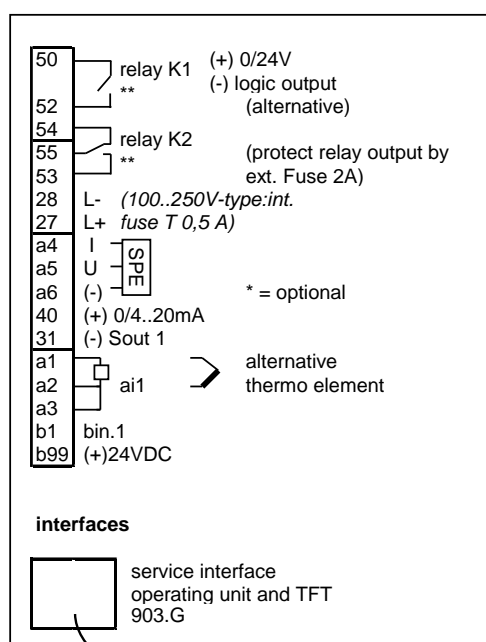
903.G:



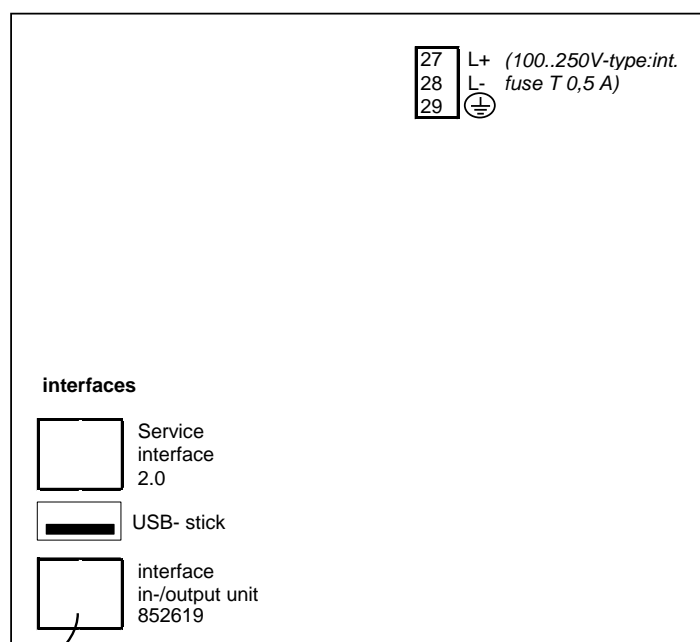
Connection diagram:

Example variant, the connection diagram on the device is decisive for the respective version.

852619

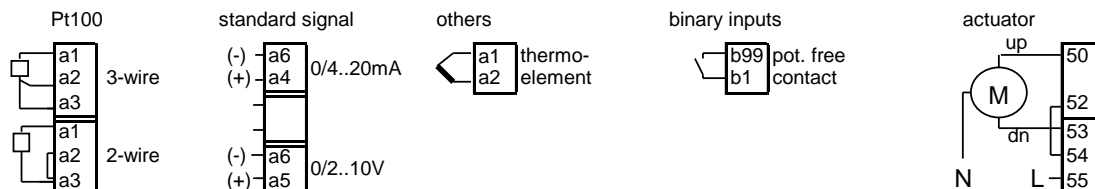


903.G



standard- patchable

Wiring, examples for input 1 and output 1 respectively:



** RC- Kombination:

The RC- element is a component to protect the relay contact in case of higher loads. The RC- elements must not be used with small loads, for example auxiliary relays (depending on capacity) or electronic burner managers (note the manufacturer's instructions). Depending on version, RC elements for external mounting are enclosed.

