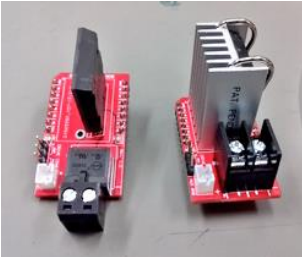


60VDC SSR xx

Solid State Relay



BOKRA 60VDC SSR xx modules contains IXYS SSR (Solid State Relay) CPC1709. There are two versions of the module, with a different output connector:

- **BOKRA 60VDC SSR TB** – with terminal block
- **BOKRA 60VDC SSR BB** – with barrier block

Switch Type - SPST NO (1-Form-A). Galvanic isolation - individual, electrical insulation strength 2500V_{rms}. The maximum switched current is 9A (without a radiator) / 22.8A (with a radiator) at voltages up to 60 VDC.

BOKRA 60VDC SSR xx power supply - 5VDC.

There is an indication of the status of the relay.

Relay control - using a mikroBUS PWM signal or a signal on an auxiliary connector. These control methods allow you to use the module with almost any type of microcontroller.

Module size – 28,6 x 25,4 mm. (mikroBUS form factor, size "M").

The **BOKRA 60VDC SSR xx** package includes contact headers for mikroBUS. Before connecting modules with the mikroBUS interface, these headers must be soldered to **BOKRA 60VDC SSR xx**. When ordering, you can also optionally indicate the need for presetting these contact headers. Also, an option is to order a heatsink for the CPC1709 solid state relay.

The main areas of application of the module:

- Industrial application
- Robots
- Multiplexers
- Transport and aviation
- DC motor control
- Medical equipment
- Input / Output systems
- Security systems

The **BOKRA 60VDC SSR xx** scheme is as follows:

