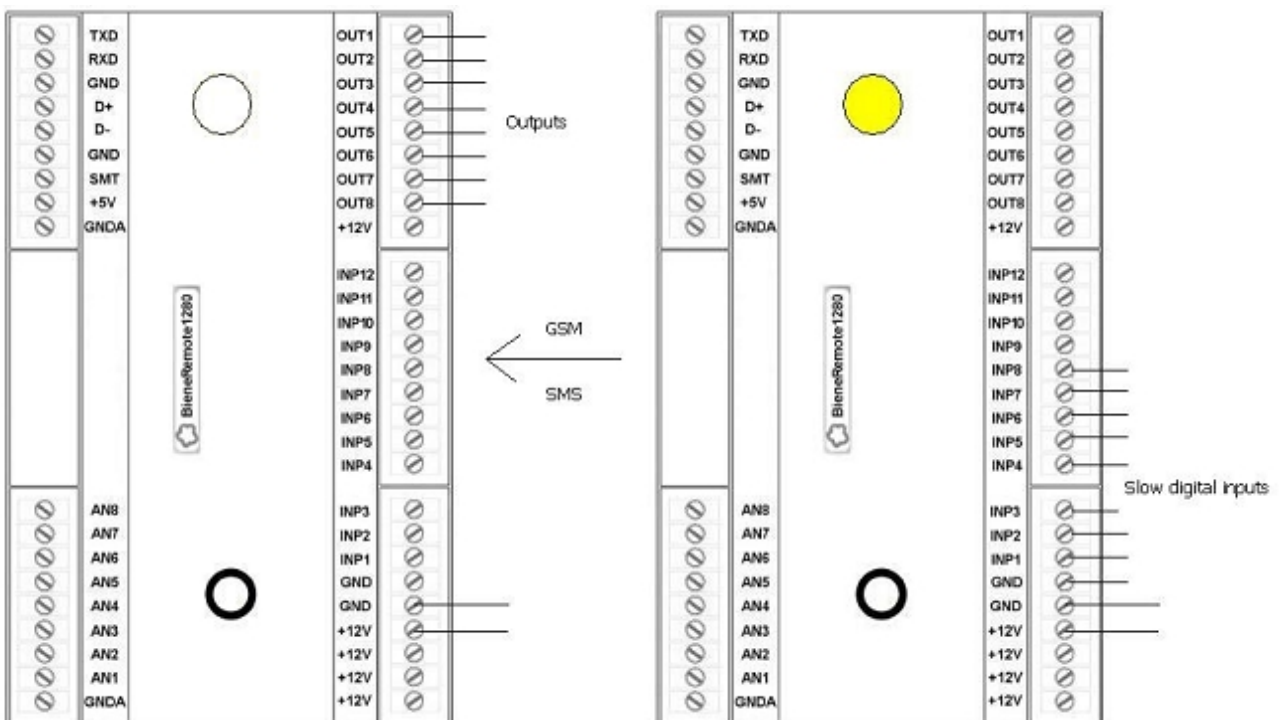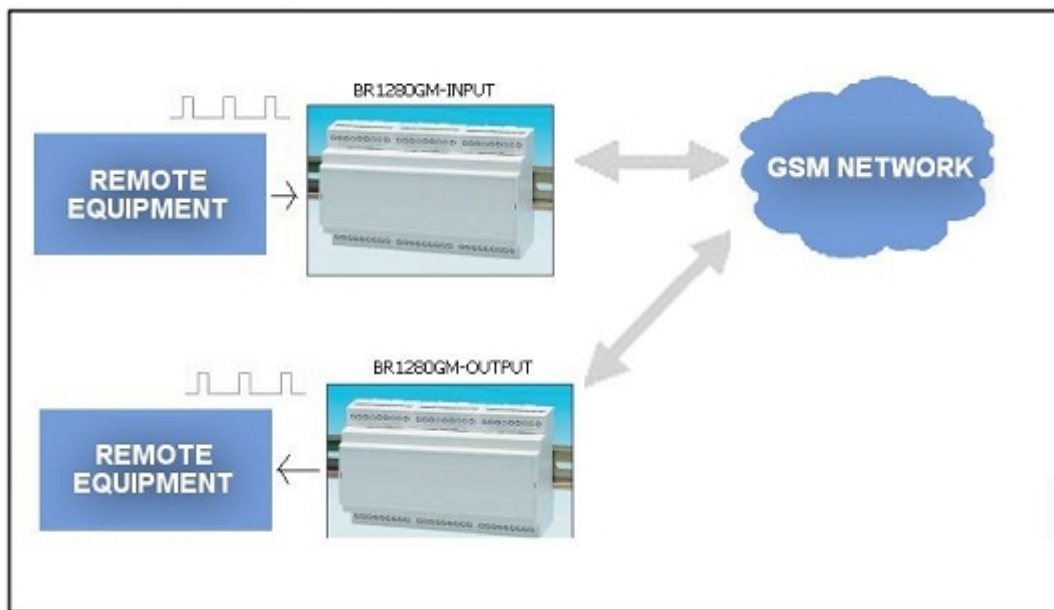# BR1280GM application

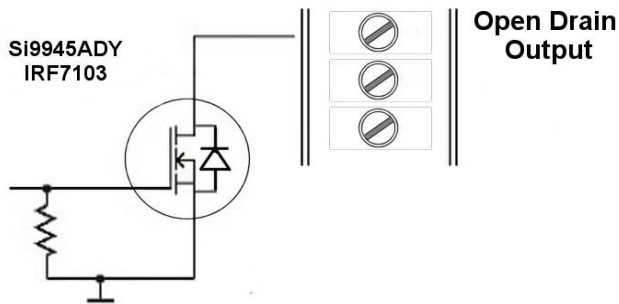## Virtual 8-wire cable via GSM with BR1280GM-I/O

   GSM modules BR1280GM-I/O special version for slow digital signal transfer with SMS. You can without wires connect two objects at remote location with virtual cable with 8 wires. Signal transferred between two BR1280GM-I/O with SMS command (One BR1280GM-I/O set to INPUT mode, other – to OUTPUT mode).
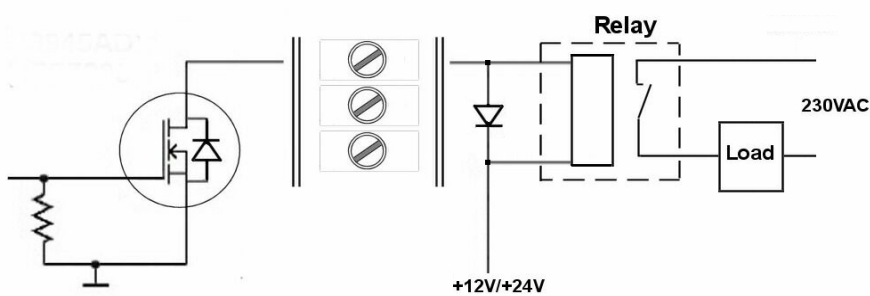
Outputs

MOSFET Open Drain Outputs

Connector: Screw terminal block
MOSFET transistor: Si9945 or IRF7103
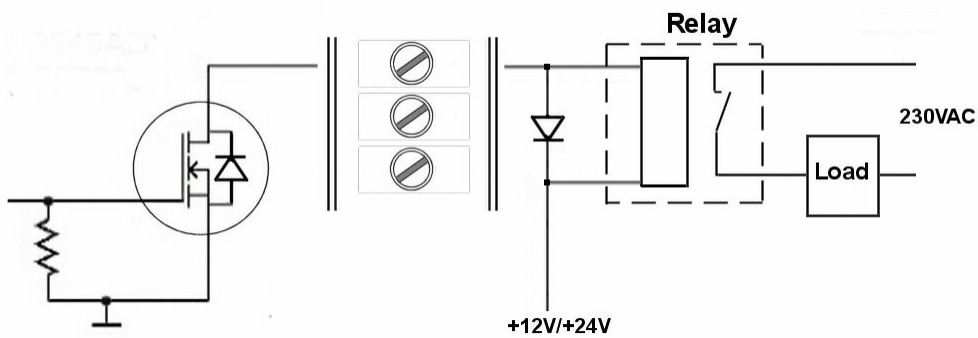Max. Voltage: 50V

Relay connection example to Output Driver

Electromechanical relay connection.

Solid-state-relay (SSR) connection.

Digital Transistor Inputs
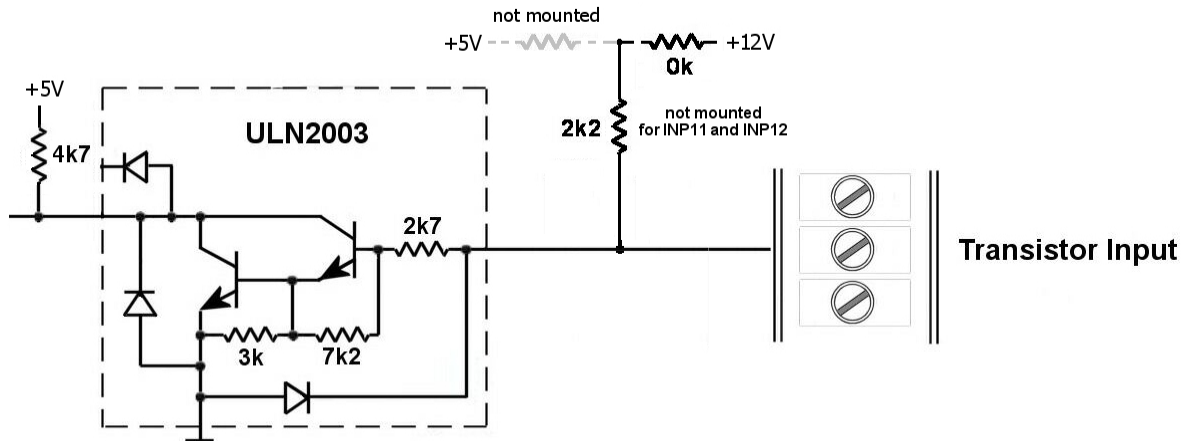
Connector: Screw terminal block
Inversion: Yes
Protection: Yes
Max input voltage: +12V without external limited resistor.
Free Input: logic "0"
Logic "0": 0V…+1V
Logic "1": +1.5V…+12V

Note: 2.2kOm resistor mounted for INP1...INP10 only, INP11, INP12 without pull-up resistors

JUMPERS