

G5 Receiver Relay

Product description

- Receiver for the Pocket or Rocket Transmitters.
- 12 or 24 VDC supply.
- 5 or 10 digital outputs.
- Radio communication at 2.4 GHz (ISM-band) using frequency jumping technology.
- Programmable logic offering block-, latching-, delaytime functions and many more.
- Note that cables are not included in the delivery.

Illustration



Technical data

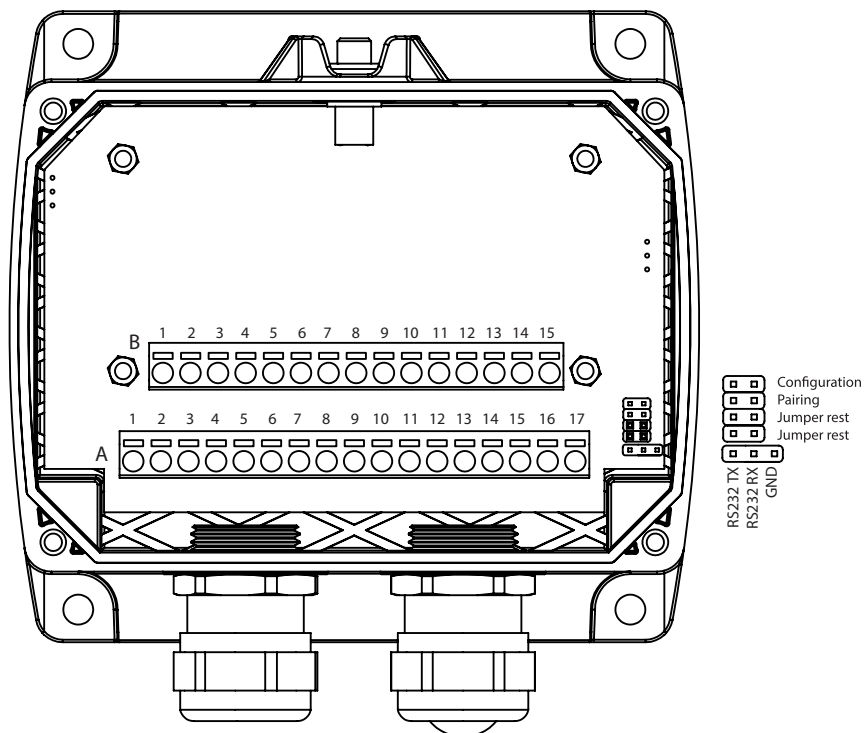
Platform	G5
Power Supply	9-36 VDC
IP-Class	IP65
Cable Interface	Terminal Connectors (tool free assembly)
Programming interface	RS232
Overload Protection	Yes, maximum 36 VDC
Current consumption	<30 mA (idle) 60 mA + External loads in operation
Digital Outputs	5 or 10 digital outputs. Each output (relay) needs to be supplied with power through the terminal connector. External fuse is recommended. Not short circuit proof, not overload protected, max. 5 Ampere load/output. Each output is electrically isolated.
Number of cable glands	2
Dimension cable glands	8-13mm (0,31-0,51 in.)
Housing screw torque	0.8 Nm
Radio Module	TR05 Integrated duplex radio ISM-band, R&TTE, FCC and IC approved
Ambient Temperature	-25°C to +70°C ~ -15°F to +160°F

Dimensions

WxHxD	127 x 186 x 57 mm (including antenna)	~ 5.5 x 7.3 x 2.2 in (including antenna)
Weight	0.35 kg	~ 0.77 lbs



Pin assignments



Terminal A

Pin1	GND
Pin2	Power supply+
Pin3	REL1, common
Pin4	REL1, NC
Pin5	REL1, NO
Pin6	REL2, common
Pin7	REL2, NC
Pin8	REL2, NO
Pin9	REL3, common
Pin10	REL3, NC
Pin11	REL3, NO
Pin12	REL4, common
Pin13	REL4, NC
Pin14	REL4, NO
Pin15	REL5, common
Pin16	REL5, NC
Pin17	REL5, NO

Terminal B Expansion board

Pin1	REL6, common
Pin2	REL6, NC
Pin3	REL6, NO
Pin4	REL7, common
Pin5	REL7, NC
Pin6	REL7, NO
Pin7	REL8, common
Pin8	REL8, NC
Pin9	REL8, NO
Pin10	REL9, common
Pin11	REL9, NC
Pin12	REL9, NO
Pin13	REL10, common
Pin14	REL10, NC
Pin15	REL10, NO

Order information

Part number	Number of outputs	Configuration
5000	5	Delivered with default program settings
5007	10	Delivered with default program settings

If software required please state application file on the order. For instance 5000p1252 or 5000ou1456.