

# ACCO-KPWG-PS

## STANDALONE DOOR CONTROLLER SUPPORTING WIEGAND WITH POWER SUPPLY

The ACCO-KPWG-PS module is designed for control of a single door within the **ACCO** access control system. The module can also be used as a standalone device. User authorization is based on code or passive transponder (proximity card, tag, etc.). ACCO-KPWG-PS is also compatible with terminals supporting Wiegand and EM Marin protocols, as well as with iButton (Dallas chip) readers.

The device is characterized by a wide range of settings, including the user rights and time schedules for each user, including special holiday schedules. Additionally, event log with more than 24,000 events is available. Non-volatile flash memory ensures security of the module settings in case of power failure. **ACCO-KPWG-PS** is provided with a relay output for operating electromagnetic lock or another door activating device. Owing to additional inputs and outputs, the module can work in conjunction with the alarm system. The ACCO-KPWG-PS module is an enhanced version of the **ACCO-KPWG** door controller, provided with a built-in backup power supply.

Configuration and some functions of ACCO-KPWG-PS might be different due to the system, which the controller is part of. Within the **ACCO** system the module is programmed by means of an LCD keypad or PC computer with **ACCO-SOFT-LT** software installed. The PC can be connected via RS-232 port or via RS-485 bus using **ACCO-USB** converter. In the **ACCO NET** system, the controller configuration is performed using the **ACCO Soft** software.

- support for single door with entry and exit authorization
- support for terminals using the following transmission protocols:
  - EM Marin (SATEL terminals)
  - Wiegand 26
  - Wiegand 32, 34, 36, 40, 42, 56 (controllers firmware version 3.02, release date 2017-11-03 or newer – applies to **ACCO NET** system)
  - Dallas
- standalone or **ACCO/ACCO NET** system operation mode
- 1,024 users
- user rights definition
- access authorization with proximity card and/or code
- biometric authorization
- 256 schedules
- holiday schedules
- non-volatile 24,576 event log
- work time registration event tagging
- anti-passback
- programming means:
  - permanently or temporarily connected LCD keypad
  - PC connected via RS-232 port
  - PC connected via **ACCO-USB** interface to RS-485 bus
- non volatile settings memory
- FLASH based firmware update
- scheduled door locking and unlocking
- programmable limits on number of accesses
- switching mode backup power supply 12 V DC 1.2 A

### Attention!

ACCO-KPWG-PS controller in version:

- **2.03** works with **ACCO-SOFT-LT** software only in version **1.03**
- **3.00** works with **ACCO-SOFT-LT** software in version **1.04** or **1.05**
- **3.01** works with **ACCO-SOFT-LT** software in version **1.05** or **1.07.004**

To cooperate with the **ACCO-NT** access control panel, the controller must be in version **3.00** or newer.

ACCO-KPWG-PS controller in version:

- **3.02** works with **ACCO-NT** access control panel in version **1.12.xxx**

- **3.03** works with **ACCO-NT** access control panel in version **1.13.xxx**
- **3.04** works with **ACCO-NT** access control panel in version **1.14.023**
- **3.05** works with **ACCO-NT** access control panel in version **1.14.026**

### TECHNICAL DATA

Environmental class	II
Max. relay switched current	8 A
Power supply rating	1,2 A
Board dimensions	151 x 70 mm
Operating temperature range	-10...+55 °C
Nominal supply voltage (±10%)	18 V AC
Weight	113 g

