

DATASHEET

1 OVERVIEW

This datasheet covers details of S2000-2 Access Controller (hereinafter referred to as the controller) designed to control access through one or two access points by reading the codes of presented credentials (Proximity cards, iButtons, PINs), verifying access rights, and closing (opening) the contacts of relays operating electromechanical or magnetic locks or electric strikes, or a turnstile, or a boom barrier.

The controller provides:

- Controlling access through a single access point for entry and exit or through two access points for entry;
- Local and centralized access control;
- Arming and disarming partitions of an Orion integrated security system;
- Arming and disarming two intrusion alarm loops (initiating device circuits) and indicating conditions of each loop by means of the build-in LEDs;

The controller is designed to be used either as part of an Orion ISS system based on a PC under Orion Pro software of version 1.20 SP1 or higher or based on an S2000 / S2000M panel or standalone.

The controller is powered by a single power supply providing 12 V dc.

The controller is intended to be installed within enclosed unheated premises and is designed for round-the-clock operation. The controller is not designed to be used in aggressive or dust media or in explosion hazardous premises.

2 SPECIFICATIONS

- The number of readers to be connected with interfaces Touch Memory, Wiegand, or ABA TRACK II: 2.
- Memory capacity: 32768 credential codes.
- Event log: 32768 events.
- Outputs to control locking devices: 2. Commuting voltage/current/power: 30 V/7 A/100 W.
- Alarm loops (initiating device circuits): 2.
- Input power voltage: 10.2 V to 15.0 V dc.
- Ingress protection rating: IP30 in accordance with ГОСТ 14254-96 (IEC 529-89), if wall mounted.
- Max consumed power: 2 W.
- Max consumed current: 120 mA.
- Max weight: 0.3 kg.
- Overall dimensions: 156 mm × 107 mm × 39 mm.
- Operating temperatures: minus 30 to +50°C.
- The content of precious materials: no need to account for the storage, disposal and recycling.

To get more information about functionality, settings and configuration parameters, operating modes, specifications, application features, and valid certificates please refer to S2000-2 User's Manual.

The actual versions of the User's Manual and UProg Configuration Tool can be downloaded from the site of the Bolid Company <http://bolid.ru> in the section PRODUCTS at the page of S2000-2.

3 STANDARD DELIVERY

S2000-2 Access Controller	1 pcs.
Accessories:	
Resistors 0.25W 8.2 k ±5%	6 pcs.
Woodscrews	3 pcs.
Wall plugs	3 pcs.
DIN 7982 Flat Head Tapping Screw with Cross Drive 2.2x6.5	1 pc.
This Datasheet	1 pc.
S2000-2 Installation Manual	1 pc.

4 MAINTENANCE

Maintain the controller annually by doing the following:

- Ensure the enclosure of the controller is not damaged and mounted securely and wire terminals are fastened properly;
- Remove dust, debris, and corrosion from the contact connections and the controller enclosure;
- Test functionality of the controller in accordance with the technique discussed in S2000-2 User's Manual or presented at the site bolid.ru.

5 STORAGE

The controller in the consumer packing must be stored in accordance with Storage Ambients 1 of Russian Standard GOST 15150. In the premises where the controller is stored there must not be any acid fumes, alkaline fumes and other aggressive gases and harmful impurities which can cause corrosion.

6 MANUFACTURER DATA

The Bolid Company, Russia

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7 CERTIFICATES

7.1 Conformity Certificate № TC RU C-RU.ME61.B.00796 certifies that S2000-2 Access Controller meets the requirements of Technical Reglament of Custom Union TR CU 020/2011.

7.2 Production of S2000-2 Access Controllers is certified according to GOST ISO 9001-2011 by a conformity certificate No. POCC RU.ИК32.K00153.

8 PRODUCT ACCEPTANCE CERTIFICATE

The S2000-2 Access Controller, Serial No. _____ is manufactured, accepted in accordance with mandatory requirements of state standards and current technical documentation, qualified as proper for operation and packaged by CJSC NVP "Bolid"

Responsible for acceptance and packaging

QCD

Full Name

Date, Month, Year