

## LOW VOLTAGE SWITCHBOARDS



**SENEKIS**  
Electrical Switchboards



Κωδ. ΚΑΤΑΛΟΓΟΥ 1003

ΔΙΑΤ. ΚΑΛΩΔ. 5x10mm<sup>2</sup>



## LOW VOLTAGE SWITCHBOARDS

**SENEKIS** company manufactures Low Voltage switchboards since 1980. Its products are standardized and certified and cover even the most demanding specifications. Our final products are submitted in routine verification tests according to the European standards.

Our company is a certified builder for ABB's ArTuk and Schneider's Prisma P, type tested modular systems.

**Our company manufactures certified Low Voltage switchboards for every possible use:**

- Distribution switchboards
- Motor control switchboards (MCC)
- Power factor correction units
- Automation-PLC switchboards
- Photovoltaic and other renewable energy sources AC-DC switchboards
- Special application switchboards



35 years of experience  
in Electric Switchboards Manufacture

[www.senekis.gr](http://www.senekis.gr)

**SENEKIS**  
Electrical Switchboards



## VARIETY OF PRODUCTS

**SENEKIS** manufactures the SP series of Certified Low Voltage switchboards with the following specifications:

TYPE	ITEM DESCRIPTION
Form-1	• Covering of upstream and downstream terminals on all devices • No internal separation
Form-2a	• 2-Separation of bus bars from the functional units • 2a- Terminals not separated from bus bars
Form-2b	• 2-Separation of bus bars from the functional units • 2b- Terminals separated from bus bars
Form-3a	• 3-Separation of bus bars from the functional units + Separation of all functional units from one another + Separation of terminals for external conductors from the functional units, but not from those of other functional units • 3a- Terminals not separated from busbars
Form-3b	• 3-Separation of bus bars from the functional units + Separation of all functional units from one another + Separation of terminals for external conductors from the functional units, but not from those of other functional units + 3a- Terminals separated from busbars
Form-4a	• 4-Separation of busbars from all functional units + Separation of all functional units from one another + Separation of terminals for external conductors associated with a functional unit from those of any other functional unit and the busbars • 4a-Terminals in same compartment as associated functional unit
Form-4b	• 4-Separation of busbars from all functional units + Separation of all functional units from one another + Separation of terminals for external conductors associated with a functional unit from those of any other functional unit and the busbars • 4b-Terminals not in same compartment as associated functional unit



## QUALITY

**SENEKIS** has successfully submitted, the SP series Certified switchboards, in a series of type tests according to EN 60439-1 - to the laboratory of PPC S.A. KDEP (Testing Research and Standard Center).

Moreover, we submit all our products in routine verification tests according to the European Standard EN-61439-1&2 and the European policy 93/68 (CE) concerning the electromagnetic compatibility.

## DOCUMENTATION

We manufacture and deliver our Low Voltage products with integrated electrical diagrams, and issue routine verification test reports which are handed with our products.

## SPECIFICATIONS

- Type-tested Switchgear and Controlgear Assembly (TTA)
- Rated impulse withstand voltage 12kV
- Rated insulation level voltage 1000V
- Rated operational voltage 690V
- Max. Test voltage 3000V, 1min
- Rated current up to 4000A
- Peak withstand current (Ipk) up to 220kA
- Short-time withstand current (Icw) up to 100 kA 1 sec.



**ARG. SENEKIS & SONS Ltd.**

REGISTERED OFFICE – FACTORY PREMISES

Industrial Area, Sindos, Thessaloniki, Greece, P.O. Box 1241 - P.C. 570 22

TEL.: +30 2310 797.024, FAX: +30 2310 796.108 info@senekis.gr  www.senekis.gr



**SENEKIS**  
Electrical Switchboards