

3-phase Network Analyzer

S203TA-D

Advanced Three-phase Network Analyzer with display



**INPUT
CONNECTION TYPE**

Up to 600 Vac, 5A for CTs, frequency 50 or 60 Hz
Single phase, Three-Phase without neutral (Aron),
Three-Phase with neutral

INTERFACE

- RS485 Modbus RTU
- N.1 analog output (0..20 mA, 0..10V)
- N.1 digital output for energy counter

**DISPLAY
ACCURACY**

Data visualization and programming
High precision (0,2% class)

POWER SUPPLY

11 ..40 Vdc or 19 ..28 Vac @ 50 ..60 Hz

DIMENSIONS

105 x 89 x 60 mm (w*h*d)



➔ For further information go to <http://www.seneca.it>

S203TA-D

Advanced Three-phase Network Analyzer with display



ORDER CODE

Code S203TA-D Advanced Three-phase Network Analyzer with display
EASY SETUP - configuration software downloading from www.seneca.it



SERIAL LINE ACCESSORIES

- K107A RS485 ↔ RS485 isolator repeater
- K107B RS232 ↔ RS485 converter
- K107USB USB ↔ RS485 converters (din rail)
- S107USB USB ↔ RS485 converters (desk version)

RG2i Groupe SAR
 Contact: **Rémy GUEDOT**
 5 rue E. Charpentier info@rg2i.com
 42000 Saint Etienne www.rg2i.com
 Tél: 04 77 92 03 56 Fax: 04 77 92 03 57

TECHNICAL SPECIFICATIONS

GENERAL FEATURES

Power supply	11 ..40 Vdc or 19 ..28 Vac @ 50 ..60 Hz
Connection type	Single phase, Aron (three-phase with N.2 CT), four wires (three-phase with N.3 CT)
Accuracy	0,2%
Status indicators	- Power - Fail - Communication on Rs485
Galvanic Isolation	- 4000 Vac between the input and all the other circuits. - 1500 Vac between power supply and communication. - 1500 Vac between power supply and analog output.
Hot swapping	Yes
Power consumption	max 2,5 W
Protections for inputs	Against ESD discharge up to 4 kV
Humidity	30..90% a +40°C (not condensing)
Response time	400 ms

Design	Housing for mounting on 35 mm DIN 46277
Data memory	EEPROM for all configuration data; storage time: 10 years.
DIP Switches	- Address setting - Baud rate setting - Selection of inserction type - Selection of 3 phase o 1 phase - Output
Enclosure	"V0" self-extinguishing glass filled nylon case
Dimensions	105 x 89 x 60 mm (w x h x d)
Weight	About 300 g
Operating temperature	-10..+65 °C
Connections	Removables 3- way screw terminals, 5,08 mm
IP Protection	IP 20
Standards	EN61000-6-4/2002 EN61000-6-2/2006 EN61010-1/2001
Approvals	CE

INPUT

Voltage: max 600 Vac, 50-60 Hz
Current: 5 Arms (from CT)
Single phase, Aron (three phase with N.2 CT), **Four wires** (three-phase with N.3 CT)

INTERFACE / OUTPUT

- **RS485 Modbus RTU**
- **N.1 analog output** (0..20 mA, 0..10V) settable for Vrms, Irms, P, Q, Apparent Power, CosΦ, Frequency
- **N.1 Digital output** for energy counter

DIMENSIONS AND INSTALLATION

Power supply

POWER SUPPLY

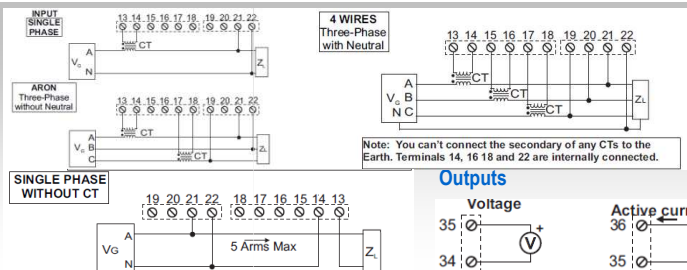
26 | 11 + 40 VDC
 32 | A
 25 | 19 + 28 VAC
 2.5 W

RS485

RS 485

33 | GND
 32 | A
 31 | B

Inputs



Outputs

