

NEG POWER MINI



HIGHLIGHTS

Input:

- > Supply voltage: 100-240 V_{AC}, ±10%
- > Frequency: 50-60 Hz, ±10%

Output

- > Power: 175 W
- > Overload protection
- > Voltage: 0-35 V_{DC}
- > Current: up to 5 A

Dimensions

- > 3U 28TE, depth 270 mm

Weight

- > 1,6 Kg

Main features

- > Single controller for activation/conditioning of low-power SAES NEG pumps
- > Tunable output voltage, ramp time, power off time
- > Temperature monitoring of NEG pumps equipped with thermocouple
- > Local control by push buttons
- > Remote control with Modbus protocol (LAN/RS232)
- > Free Windows and Linux remote control software
- > Start/Stop from I/O interface
- > Interlock
- > USB port for automatic data logging

Single controller for low-power SAES® NEG pumps

NEG POWER MINI is a single-channel electronic unit specifically designed to control the activation and conditioning processes of low-power SAES NEG pumps (see the table below).

NEG POWER MINI provides:

- > Adjustable DC voltage, up to 35 V
- > Current up to 5 A
- > Power up to 150 W
- > LAN remote control

NEG POWER MINI can be operated locally by push buttons, or can be remotely controlled with Modbus protocol over Ethernet or RS232 interface. The controller can monitor the temperature of NEG pumps equipped with thermocouple.

Ordering Information

Product description	Code	Pump Models
NEG POWER MINI	3B0110	CapaciTorr: D 50, D 100, D 200, D 400, Z 100, Z 200, Z 400, HV 200; NEXTorr: D 100, D 200, D 300, D 500, Z 100, Z 200, Z 300, Z 500, HV 100, HV 200, HV 300; GP: GP 50 (only St 707); NEG modules: HV 400, UHV 700
NEG cable 3P5A 3MT*§	3B0598	CapaciTorr: D 50, D 100, D 200, Z 100, Z 200; NEXTorr: D 100, D 200, Z 100, Z 200, HV 100, HV 200.
NEG cable 4P10A 3MT*§	3B0601	CapaciTorr: D 400, Z 400, HV 200
NEG cable 6P5A 3MT*§	3B0854	NEXTorr: D 300, D 500, Z 300, Z 500, HV 300
NEG cable for GP50 3MT*	3B0370	GP: 50 (only St 707)

(*) Other length cables are available on request

(§) Bakeable cables up to 250 °C, and radiation resistant (1000 Mrad)

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The SAES manufacturing companies are ISO9001 certified, the Asian and Italian companies are also ISO14001 certified. Full information about our certifications for each company of the Group are available on our website at: www.saesgroup.com

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