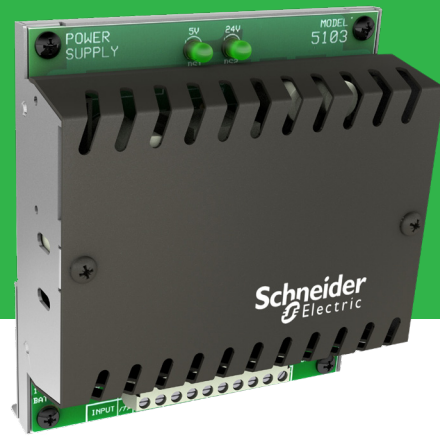


5103

SCADAPack Uninterruptible Power Supply



At a glance

- Transformer isolated
- Built-in battery charger for UPS
- Isolated 24 volt analog loop output
- Dual, wide range AC/DC inputs
- Cool running switch-mode design
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- Conformally coated
- Three-year warranty on parts and labor

The SCADAPack™ 5103 Uninterruptible power supply is part of the SCADAPack family of I/O Expansion and Communication modules, providing flexible I/O and telemetry options.

With the addition of I/O Expansion modules, any¹ SCADAPack Smart RTU is easily expandable from its base I/O configuration to more than 700 process I/O points. Available for a wide range of process I/O requirements, from digital and analog I/O to I/O simulators and a UPS module, a maximum of twenty I/O modules may be connected for an expansion of up to 512 digital outputs, 512 digital inputs, 128 analog inputs, 64 counters and 64 analog outputs, on some models.

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SCADAPack Uninterruptible Power Supply



Specifications – 5103 Uninterruptible power supply

General

AC/DC Input	<ul style="list-style-type: none"> 16 to 24 Vac for 5/24 V outputs operational, 24 Vac required for battery charging 14.5+/-0.5 V for 5/24 V outputs operational, 20 Vdc required for battery charging
DC/Battery Input	Turn on at 11.5 V \pm 0.3 Vdc, Turn off at 10.5 V \pm 0.5 Vdc, Maximum input is 36 Vdc
Input Power	35 VA maximum at 24 Vac, 1.9 A at 13.5 Vdc
Outputs	5 Vdc at 2.0 ampere, 24 Vdc at 0.5 ampere, 17 W total available from the two outputs 11 to 14 Vdc battery charger at 200 mA (factory adjusted to 13.5 V for gelled electrolyte lead/acid battery)
Mode	Isolated switch-mode, 30 KHz switch frequency
Line Regulation	< 1% over operating range
Load Regulation	<ul style="list-style-type: none"> 5 V output: 5.15 V \pm 1% over operating range 24 V output: \pm 17%
Output Ripple	<ul style="list-style-type: none"> 5 V output: < 10 mV at 20 °C (68 °F) 24 V output: < 50 mV at 20 °C (68 °F)
Visual Indicators	5 V and 24 V green LEDs show power status
Power Requirements	35 VA maximum @ 24 Vac, 1.9 A @ 13.5 Vdc
Terminations	10 pole, removable terminal block, 12 to 22 AWG, 15 amp contacts
Dimensions	108 mm wide x 118 mm high x 44 mm deep (4.25 inch x 4.625 inch x 1.75 inch)
Mounting	7.5 x 35 DIN rail
Packaging	Corrosion resistant zinc plated steel with black enamel paint
Environment	<ul style="list-style-type: none"> 5% RH to 95% RH, non-condensing -40...+60 °C (-40...+140 °F)
Safety	<p>Non-Incendive Electrical Equipment for Use in Class I, Division 2 Groups A, B, C and D Hazardous Locations. Temperature Code T4 at 60 °C ambient. UL Listed to the following standards:</p> <ul style="list-style-type: none"> CSA Std. C22.2 No. 213-M1987 - Hazardous Locations CSA Std. C22.2 No. 142-M1987 - Process Control Equipment UL Std. No. 1604 - Hazardous (Classified) Locations UL Std. No. 508 - Industrial Control Equipment

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SCADAPack Uninterruptible Power Supply



Model Code – 5103 Uninterruptible power supply

Part Number	Model	Description
TBUX297102	5103	SCADAPack Uninterruptible power supply

Accessories

Part Number	Model	Description
TBUX294034	1206	12 V 6 AH gelled electrolyte battery
TBUX294000	ACX-24	120/24 Vac, 40 VA transformer
TBUX294167	ACX-24E	220/24 Vac, 40 VA transformer

Footnote: 1. Some I/O Expansion modules are specific to SCADAPack 300 RTUs, others are specific to SCADAPack E RTUs. The SCADAPack 100 does not support any such module. **Note:** Accessories sold separately. **Disclaimer:** Schneider Electric reserves the right to change product specifications. For more information visit www.schneider-electric.com.

Schneider Electric

Process Automation SCADA & Telemetry
415 Legget Drive, Suite 101, Kanata, Ontario K2K 3R1 Canada
Direct Worldwide: +1 (613) 591-1943
Email: telemetrysolutions@schneider-electric.com
Toll Free within North America: +1 (888) 267-2232
www.schneider-electric.com

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