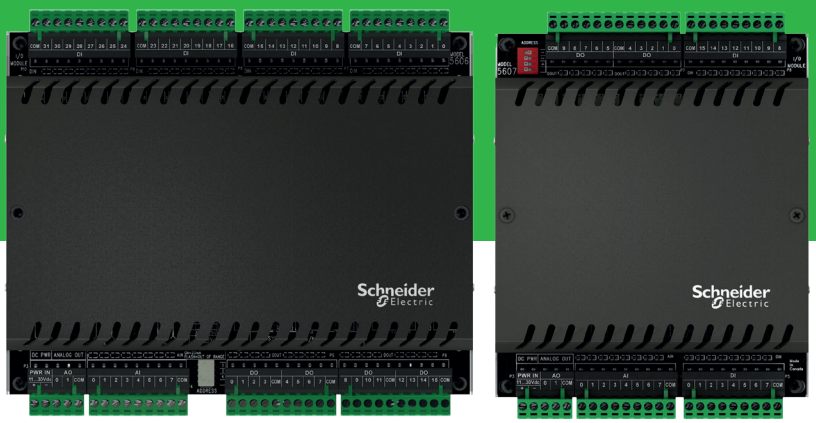
5606-5607

SCADAPack analog/digital I/O modules



Product at a glance

- I/O expansion modules for SCADAPack™ Smart RTUs
- Up to 32 DIs, 16 Relay DOs, 8 configurable AIs and 2 optional AOs per module
- Up to 8 modules supported
- Conformal-coated

Green Premium™ ecolabel product – Sustainable performance, by design

5606-5607

SCADAPack
analog/digital I/O modules

Specifications – Digital and Analog Inputs/Outputs

I/O module	5606	5607
Analog inputs	8	8
Analog outputs	2 (option)	2 (option)
Digital inputs	32	16
Digital outputs	16	10

I/O

Analog Inputs	Software-configurable to 0...20 mA, 4...20 mA, 0...5 Vdc or 0...10 Vdc • Resolution: 15-bit ADC (15-bit over the measurement range in 10 Vdc, 14-bit in 20 mA) • Accuracy: ±0.1% of full scale at 25 °C (77 °F), ±0.2% over temperature range • Input Resistance: 250 Ω or 20 kΩ in 20 mA or 10 Vdc configurations • Isolation: 500 Vac from logic and chassis • Normal rejection mode: 27 dB at 60 Hz
Analog Outputs	0...20 mA, 4...20 mA, voltage output may be accomplished with external precision resistor • Resolution: 12-bit over 0...20 mA range • Accuracy: ±0.15% at 25 °C (77 °F), ±0.35% of full scale over temperature range • Response Time: less than 10 µs for 10% to 90% signal change • Power Supply: 12…30 Vdc, external • Power (Current) Requirements: 10 mA plus up to 20 mA per output • Isolation: isolated from RTU logic and chassis • Load Range: 12 Vdc: 0…375 Ω, 24 Vdc: 0…925 Ω, • Logic End-Of- Scan to Signal Update Latency: typically 18... 27 ms
Digital Inputs	12…24 Vdc • Turn on voltage: 9 Vdc (minimum), Turn off voltage: 4 Vdc (maximum) • Over-voltage tolerance: 150% sustained over-voltage without foreseeable damage • DC input current: 0.67 mA at 24 Vdc • Isolation : in group of 8, 1500 Vac from logic supply and chassis
Digital Outputs	Relays (Form A) • 4 contacts share one common • Isolation : isolated in groups of 4. Isolated from RTU logic, RTU chassis and other groups to 1500 Vac • Maximum Switching Voltage: 30 Vdc • Maximum Switching Load: 150 W or 1250 VA (5 A)

General

Power Supply	• Analog Inputs & Outputs: 12 mA at 12…30 Vdc, plus analog output requirements • Digital Inputs & Outputs: 650 mA at 5 Vdc, fully loaded
I/O Terminations	5606: 5, 9, 10-pole connectors, 0.0810...3.31mm^2 (28...12 AWG), solid or stranded. 5607: 5, 9, 12-pole connectors, 0.0810...3.31mm^2 (28...12 AWG), solid or stranded
Dimensions	5606: 211.8 mm (8.34 in.) wide, 181.0 mm (7.13 in.) high, 46.5 mm (1.83 in.) deep 5607: 144.0 mm (5.65 in.) wide, 181.0 mm (7.13 in.) high, 46.5 mm (1.83 in.) deep
Enclosure	Corrosion-resistant; zinc-plated steel base and stainless steel cover with black enamel paint
Environment	• Conformal-coated • -40...70 °C (-40...158 °F) operating, -40...85 °C (-40...185 °F) storage • 5% RH to 95% RH, non-condensing
Certifications	• EMC and radio frequency: FCC 47 CFR Part 15, Subpart B ICES-003 Issue 5 August 2012 CE and RCM markings • General Safety: UL 508 • IECEx/ATEX Class I, Zone 2 (optional) • CSAus Non incendive Electrical Equipment for use in Class I, Division 2, Groups A, B, C and D (optional) • For the latest information regarding product environmental compliance visit the Schneider Electric Check a Product portal at https://checkaproduct.se.com/

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Specifications – Digital and Analog Inputs/Outputs

Certifications (three versions available: S for standard, X for ATEX/IECEx and U for Class I Div 2)

S version	EMC and radio frequency	FCC 47 CFR Part 15, Subpart B ICES-003 Issue 5 August 2012 CE and RCM markings
	General Safety	UL 508
X version	Adds: IECEx/ATEX Class I, Zone 2	
U version	Adds: cCSAus Non incendive Electrical Equipment for use in Class I, Division 2, Groups A, B, C and D	

Part numbers

5606 model	no AO: TBUX297328S, TBUX297328X, TBUX297328U with 2AO: TBUX297334S, TBUX297334X, TBUX297334U
5607 model	no AO: TBUX297478S, TBUX297478X, TBUX297478U with 2AO: TBUX297482S, TBUX297482X, TBUX297482U

Note: Accessories sold separately.

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Life Is On Schneider Electric

Part Number TBULM08030-01 v21

Green Premium™

Schneider Electric's commitment to deliver products with best-in-class environmental performance.

Green Premium™

More than 75% of our product sales offer superior transparency on the material content, regulatory information and environmental impact of our products:

- RoHS compliance
- REACH substance information
- Industry leading # of PEP's*
- Circularity instructions

Green Premium promises compliance with the latest regulations, transparency on environmental impacts as well as circular and low-CO_2 products.

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Cost of ownership optimization through… Circular Performance

We're helping our customers optimize the total cost of ownership of their assets. To do this, we provide IoT-enabled solutions, as well as upgrade, repair, retrofit, and remanufacture services.

Peace of mind through… Well-being Performance

Green Premium products are RoHS and REACH-compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

Improved sales through… Differentiation

Green Premium delivers strong value propositions through third-party labels and services. By collaborating with third-party organizations we can support our customers in meeting their sustainability goals such as green building certifications.

Learn more about Green Premium

*PEP: Product Environmental Profile (i.e. Environmental Product Declaration)