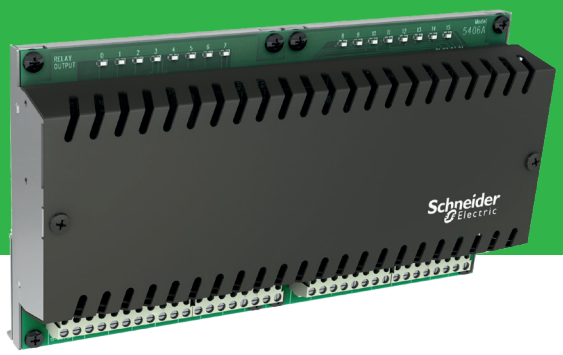
5406A

SCADAPack
Dry Contact Relay Out Module



At a glance

- 16 mechanical relays
- Highest output load current
- Zero leakage current
- Individually isolated
- Modifiable for Form B (NC) operation

The SCADAPack™ 5406A Dry contact relay out module 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, any[1] 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.

Green Premium™ ecolabel product – Sustainable performance, by design

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Specifications – 5406A Dry Contact Relay Out Module

General	
Number of Relay Outputs	16
Type	Sealed mechanical relay, Form A (normally open) contacts
Contact Ratings	• 6A @ 250 Vac resistive loads, 6A @ 30 Vdc resistive loads • 3.5 A at 30 Vdc/250 Vac inductive load (pf=0.4. L/R=7 ms), 1/4 HP 125 Vac • 3 A maximum in Class 1, Division 2 hazardous locations
Operating Frequency	18,000 operations/hour mechanically, 1,800 electrically at rated load
Service Life	• 1,500,000 operations at 0...250 mA loads, 600,000 operations at 1A resistive load • 100,000 operations at 6 A resistive load, 300,000 operations at 1A inductive loads (pf=0.4) • 100,000 operations at 3.5 A inductive loads (pf=0.4)
Operate Time	10 mS maximum, 5 mS typical
Release Time	10 mS maximum, 2 mS typical
Bounce Time	3 mS typical
Contact Isolation	1000 Vac
Logic Isolation	1500 Vac
Addressing	DIP switch configurable
Power Requirements	• 5 Vdc Bus Power - 5 Vdc @ 600 mA with all LEDs and all relays energized • External Power - 5 Vdc @ 65 mA with all LEDs and all relays energized
Visual Indicators	16: red LEDs, controlled for power reduction
Field Terminations	• 4: 8-pole, removable terminal block, 12...22 AWG, 15 A contacts • Additional three pins on connector P3 to support external power
Dimensions	215 mm wide x 118 mm high x 44 mm deep (8.37 in. x 4.625 in. x 1.75 in.)
Mounting	7.5 x 35 DIN rail
Packaging	Corrosion-resistant; zinc-plated steel base and stainless steel cover with black enamel paint
Environment	5% RH to 95% RH, non-condensing, -40...60°C (-40...140°F)
Safety	• cCSAus and cULus Class I, Division 2 Hazardous Area Rating, UL508 listed • 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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Model Code – 5406A Dry contact relay out module

Part number	Model
TBUX297284	5406A Dry contact relay out module

Footnote: 1. Some I/O Expansion modules are specific to SCADAPack 300 RTUs, others are specific to SCADAPack E RTUs.

Note: Accessories sold separately.

Disclaimer:
The information provided in this document contains general descriptions and/or technical characteristics of the performance of the described products or services. For detailed specification, performance and instruction of use, refer to corresponding Catalogs and user guides if available.

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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

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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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Green Premium brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimization of CO_2 emissions.

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.

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