Compact and Versatile Controller for SCADA & Telemetry Solutions

I/O Expansion & Communication Modules for SCADAPack Smart RTUs

Unique Features

Welcome to 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.

Regardless of what communication format is required, there is a communication module to fit the need. From the traditional leased line, phone line and radio-transceiver, to the latest Ethernet and SDI-12 technologies, communication modules make data transfer easy and cost-effective.

Footnote: [1] Refer to the I/O Expansion Modules Compatibility Chart found on the last page of this document (some I/O Expansion modules are specific to SCADAPack 300 RTUs, others are specific to SCADAPack E RTUs. As for SP100, it does not support any such module).

Selection Guide

I/O Expansion Modules

5103 Uninterruptible Power Supply

Features

- Transformer-isolated
- Built-in battery charger for UPS
- Isolated 24 Vdc 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
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5103	TBUX297102	External UPS with 5 Vdc @2 A, 24 Vdc @0.5 A isolated outputs, 16...24 Vac or 12...40 Vdc

5201 RS-485 Communication Controller

Features

- Simple configuration - no programming required
- Powerful industry-standard protocol
- Supports 64 AI, 64 DI, 64 DO, 32 AO
- Watchdog timer
- Power saving LED control
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5201	TBUX297101	CPU, 1 RS-485 port, 2/4 wire, supports up to to 64 D/I, 64 D/O, 64 A/I and 32 A/O, non-programmable

5202 RS-232 Communication Controller

Features

- Simple configuration - no programming required
- Powerful industry-standard protocol
- Supports 64 AI, 64 DI, 64 DO, 32 AO
- Watchdog timer
- Power saving LED control
- Not RoHS-compliant

Model	Part Number	Module
5202	TBUX297111	CPU, 1 RS-232 port, DB9P, supports up to to 64 D/I, 64 D/O, 64 A/I and 32 A/O, non-programmable

5302 Analog Output Module

Features

- 20 mA current
- Low-power
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5302	TBUX297176	4-channel isolated analog output module, 0...20/4...20 mA (only two channels supported with 5201 and 5202)

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I/O Expansion Modules

5304 Analog Output Module

Features

- Selectable voltage and current modes
- 5 Vdc and 10 Vdc selectable voltage modes
- Low-power
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2)
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5304-20*	TBUX297248	4-channel isolated analog output, 0...20 mA
5304-10*	TBUX297252	4-channel isolated analog output, 0...10 Vdc
5304-5*	TBUX297253	4-channel isolated analog output, 0...5 Vdc
5304-C*	TBUX297254	4-channel isolated analog output, custom (specify range of each input)

5401 Configurable Digital I/O Module

Features

- Most cost-effective for low point counts
- Each point can be input or output
- Plug-in relays simplify maintenance
- High current outputs to 3 A
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5401	TBUX297121	8-point digital input or output (requires solid-state relays)

5402 Configurable Digital Input or Output Module

Features

- 16 configurable digital inputs or outputs
- Each point can be AC or DC
- Plug-in relays simplify maintenance
- High current outputs to 3 A
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5402	TBUX297153	16-point digital input or output (requires solid-state relays)

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I/O Expansion Modules

5403 High Level Digital Input Module

Features

- Reliable optical isolation
- Isolated in groups of 4 for ease of wiring
- Very Low-power requirements
- Universal AC or DC
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5403-12	TBUX297110	8-point digital input, 12 Vac, Vdc
5403-24	TBUX297109	8-point digital input, 24 Vac, Vdc
5403-120	TBUX297107	8-point digital input, 120 Vac, Vdc
5403-240	TBUX297106	8-point digital input, 240 Vac, Vdc

5404 High Level Digital Input Module

Features

- 16 optically-isolated digital inputs
- Isolated in groups of 4 for ease of wiring
- Very Low-power requirements
- 12 to 240 Vdc
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5404-12	TBUX297158	16-point digital input, 12 Vac, Vdc
5404-24	TBUX297157	16-point digital input, 24 Vac, Vdc
5404-48	TBUX297156	16-point digital input, 48 Vac, Vdc0
5404-120	TBUX297155	16-point digital input, 120 Vac, Vdc
5404-240	TBUX297154	16-point digital input, 240 Vac, Vdc

5405 Digital Input Module

Features

- High-density, 32 digital inputs
- Sinking input design
- Low-power
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2)
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5405-120	TBUX297249	32-point digital input, 120 Vac discrete digital input
5405-24	TBUX297247	32-point digital input, 12...24 Vdc discrete digital input

Selection Guide

I/O Expansion Modules

5406A Dry Contact Relay Output Module

Features

- 16 mechanical relays
- Highest output load current
- Zero leakage current
- Individually isolated
- Modifiable for Form B (NC) operation
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5406A	TBUX297284	16-point dry contact relay output

5407 Dry Contact Relay Output Module

Features

- Highest output load current
- Zero leakage current
- Individually isolated
- Modifiable for Form B (NC) operation
- Relays sealed against corrosion
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5407	TBUX297126	8-point dry contact relay output

5408 Triac Digital Output Module

Features

- Optical isolation
- Snubbers for inductive loads
- MOV transient suppression
- Zero-crossing turn on/off for low EMF
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5408	TBUX297103	8-point Triac digital output

5409 FET Digital Output Module

Features

- 8 isolated DC outputs
- Optical isolation
- Diode protected for inductive loads
- Power source LED
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5409	TBUX297117	8-point FET digital output

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I/O Expansion Modules

5410 High Speed Counter/Accumulator Input Module

Features

- Optically isolated
- 32-bit count range
- Wide input range 3...28 Vdc
- Guaranteed no missed counts to 10 KHz
- Count retained during power outage
- Self-clearing or accumulating
- Accepts quadrature phase inputs
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5410	TBUX297149	4-point high speed counter/accumulator Input

5411 Digital Output Module

Features

- High-density, 32 digital outputs
- Sinking output design
- Low-power
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2)
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5411	TBUX297246	32-point, 12...24 V digital output, open-drain type

5414 Compact Digital Input Module

Features

- 16 optically-isolated digital inputs
- 12 to 240 Vdc
- Universal AC or DC
- Very Low-power requirements
- Compact module
- Class I, Division 2 Groups A, B, C and D Hazardous Locations
- CSA certified to UL508 standards
- UL508 listed
- ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2) (5414-24 only)
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5414-24	TBUX297378	16-point 12/24 Vac/Vdc, ATEX and IECEx
5414-48	TBUX297379	16-point 48 Vac/Vdc (Not available outside of North America)
5414-120	TBUX297380	16-point 115/125 Vac/Vdc (Not available outside of North America)
5414-240	TBUX297381	16-point 240 Vac/Vdc (Not available outside of North America)

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I/O Expansion Modules

5415 Compact Relay Digital Output Module

Features

- 12 relay digital outputs
- Dry Contact or Solid State Relay versions
- Isolated in 3 groups of 4
- Very Low-power requirements
- Compact module
- Class I, Division 2 Groups A, B, C and D Hazardous Locations
- CSA certified to UL508 standards
- UL508 listed
- ATEX II 3G and IECEx: Ex nA IIC per EN 60079-15, protection type n (Zone 2) , (5415-A only)
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5415	TBUX297382	12-point compact mechanical relay output
5415-A	TBUX297384	12-point compact solid state relay output

5421 Toggle Switch Digital Input Module

Features

- Reliable, sealed toggle switches
- Ideal for simulation, testing
- Status LEDs show switch position
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5421	TBUX297104	8-point toggle switch digital input

5502 Differential Analog Input Module

Features

- Differential Isolated Inputs for high versatility
- Integrated transient protection with fusing
- Bipolar 13-bit resolution
- High common mode voltage rejection and tolerance
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5502	TBUX297211	8-channel differential analog input

5504 Thermocouple Input Module

Features

- Eight type J, K, T, E or ±80 mV inputs
- Optical isolation for high reliability
- Integrated transient protection
- Linearized and cold junction compensated
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5504	TBUX297166	8-channel thermocouple input

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I/O Expansion Modules

5505 RTD Input Module

Features

- Input values scaled and linearized
- Data returned as 32-bit floating-point number
- Lower power consumption
- Automatic 3-wire RTD compensation
- 5503 emulation mode for legacy systems
- ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2)
- UL508 listed
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5505	TBUX297318	4-channel RTD input

5506 Analog Input Module

Features

- 0...20 mA / 4...20 mA inputs
- 0...5 Vdc / 1...5 Vdc inputs
- Individual input configuration
- 5501 emulation mode for legacy systems
- ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2)
- UL Listed
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5506	TBUX297319	8-channel analog input

5521 Potentiometer Input Module

Features

- Multi-turn potentiometers that aid adjustment
- 12-bit resolution
- Does not require 24V power
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5521	TBUX297119	8-channel potentiometer input

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I/O Expansion Modules

5606 Analog/Digital I/O Module

Features

- High-density IO combination board
- 32 DIs
- 16 Relay DOs
- 8 Configurable AIs
- 2 Optional AOs
- Up to 8 modules supported
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2), (24 VDI/Solid State Relay type only)
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5606-24	TBUX297328S	Combination 12...24 V DI, Dry Contact DO and AI, no HAZLOC
5606-24-AO	TBUX297334S	Combination 12...24 V DI, Dry Contact DO, AI and AO, no HAZLOC
5606-24-A	TBUX297328X	Combination 12...24 V DI, Solid-State DO and AI, ATEX
5606-24-AO-A	TBUX297334X	Combination 12...24 V DI, Solid-State DO, AI and AO, ATEX
5606-24	TBUX297328U	Combination 12...24 V DI, Dry Contact DO and AI, cCSAus
5606-24-AO	TBUX297334U	Combination 12...24 V DI, Dry Contact DO, AI and AO, cCSAus

5607 Analog/Digital I/O Module

Features

- High-density IO combination board
- 16 DIs
- 10 Relay DOs (Dry Contact or Solid State versions)
- 8 Configurable AIs
- 2 Optional AOs
- Up to 8 modules supported
- Class I, Division 2 Groups A, B, C and D Hazardous Locations
- CSA certified to UL508 standards
- ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2),
- (24 VDI/Solid State Relay type only)
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5607-24	TBUX297478S	Combination 12...24 V DI, Dry Contact DO, and AI, no HAZLOC
5607-24-AO	TBUX297482S	Combination 12...24 V DI, Dry Contact DO, AI and AO, no HAZLOC
5607-24	TBUX297478X	Combination 12...24 V DI, Dry Contact DO, and AI, ATEX
5607-24-AO	TBUX297482X	Combination 12...24 V DI, Dry Contact DO, AI and AO, ATEX
5607-24	TBUX297478U	Combination 12...24 V DI, Dry Contact DO, and AI, cCSAus
5607-24-AO	TBUX297482U	Combination 12...24 V DI, Dry Contact DO, AI and AO, cCSAus

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I/O Expansion Modules

5608 Digital I/O Module

Features

- High-density combination I/O board
- 12 DIs (12...24 V)
- 6 DOs (Form A, dry contact relay)
- Up to 8 modules supported
- Certifications:
  - CE marking
  - C-Tick
  - UL508 (US/Canada) – cULus
  - FCC/ EN61000-6 emissions & immunity
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5608-24	TBUX297177S	Combination 12...24 V DI, dry contact relay digital output

5610 Digital I/O Module

Features

- High-density combination I/O board
- 16 DIs (12...24 V)
- 10 DOs (Form A, dry contact relay)
- Up to 8 modules supported
- Certifications:
  - CE marking
  - C-Tick
  - UL508 (US/Canada) – cULus
  - FCC/ EN61000-6 emissions & immunity
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5610-24	TBUX297178S	Combination 12...24 V DI, dry contact relay digital output

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I/O Expansion Modules

6601 Combination IO Module

Features

- 16 DIs (12 Vdc, 24 Vdc)
- 8 CIs (shared with DIs, 4 @ 0...1.5 KHz, 4 @ 0...150 Hz)
- 8 DOs (2 Form C SPDT relays, 6 Form A relays)
- 6 AIs (Uni-polar, differential, voltage or current, 4...20 mA, 0...20 mA, 1...5 Vdc, or 0...5 Vdc)
- 2 AOs (0...20 mA, option)
- Industrial standards:
  - IEC/EN 61131-2
  - CSA 22.2 No.142 completed by CSA-E 61131-2
  - UL 508
- Installation in Classified Ex Area
  - Hazardous locations Class I, Division 2, groups A, B, C, and D and Class I, Zone 2 according to CSA C22.2 No. 213, CSA C22.2 60079-0, CSA C22.2 60079-15, ANSI/ISA 60079-0, ANSI/ISA 60079-15, ANSI/ISA 12.12.01, FM 3600 and FM 3611
  - ATEX (European directive 2014/34/EU) in defined atmosphere Zone 2 according to EN 60079-0 and EN 60079-15
  - IECEx in defined atmosphere Zone 2 according to IEC 60079-0 and IEC 60079-15
- RoHS-compliant

Model	Part Number	Module
No HAZLOC		
6601-20mA	TBUX297583S	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/4...20 mA)
6601-5V	TBUX297584S	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/1...5 Vdc)
6601-20mA	TBUX297585S	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/4...20 mA), 2 A/O (need external DC supply)
6601-5V	TBUX297586S	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/1...5 Vdc), 2 A/O (need external DC supply)
HAZLOC Class I, Div 2		
6601-20mA	TBUX297583U	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/4...20 mA)
6601-5V	TBUX297584U	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/1...5 Vdc)
6601-20mA	TBUX297585U	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/4...20 mA), 2 A/O (need external DC supply)
6601-5V	TBUX297586U	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/1...5 Vdc), 2 A/O (need external DC supply)
Hazloc IECEx/ATEX Class 1 Zone 2		
6601-20mA	TBUX297583X	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/4...20 mA)
6601-5V	TBUX297584X	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/1...5 Vdc)
6601-20mA	TBUX297585X	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/4...20 mA), 2 A/O (need external DC supply)
6601-5V	TBUX297586X	16 D/I 12...24 Vdc, 8 Dry Contact relay O/P, 6 config. A/I (0/1...5 Vdc), 2 A/O (need external DC supply)

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I/O Expansion Modules

Green Premium™ Product

6602 Combination IO Module

Features

- Combined HART and analog IO interface
- Available in two configurations:
  - 8 AI (HART sensors) and 4 AO (actuators to SCADAPack)
  - 8 AI (HART sensors)
- For use with SCADAPack 57x RTUs only
- Industrial Standards
  - IEC/EN 61131-2
  - UL 61010
- Installation in Classified Ex Area
  - Certification is in accordance with Standards ANSI/ISA-12.12.01-2015 and CAN/CSA C22.2 NO. 213-15, Non-incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
  - ATEX (European directive 2014/34/EU) in defined atmosphere Zone 2 according to EN 60079-0 and EN 60079-15
  - IECEx in defined atmosphere Zone 2 according to IEC 60079-0 and IEC 60079-15
- RoHS-compliant

Model	Part Number	Module
No HAZLOC		
6602	**TBUX297590S**	Analog I/O HART, 8 A/I, 4 A/O (need external DC supply)
6602	**TBUX297591S**	Analog I/O HART, 8 A/I
cCSAus Non-Incendive Electrical Equipment for use in Class I, Division 2, Groups A, B, C and D; and Class I, Zone 2		
6602	TBUX297590U	Analog I/O HART, 8 A/I, 4 A/O (needs external DC supply), C1D2
6602	TBUX297591U	Analog I/O HART, 8 A/I, C1D2
IECEx/ATEX: Ex nA IIC T4 Gc -40 °C ≤ Ta ≤ +70 °C		
6601-20mA	TBUX297590X	Analog I/O HART, 8 A/I, 4 A/O (needs external DC supply)
6601-5V	TBUX297591X	Analog I/O HART, 8 A/I

Selection Guide

Communication Modules

5902 Bell 202 Modem Module

Features

- Universal radio or telephone interface
- Soft carrier turnoff for rapid turn-around
- Excellent performance on poor lines
- Optional stand-alone versions for PCs
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5902	TBUX297120	Bell 202 modem, 1200 baud, FSK, 2/4 wire, with radio PTT key control & RF carrier detect
5902SA	TBUX297194	Same as 5902 but with a 115 Vac adapter for connection to other PCs or RS-232 devices
5902SAF	TBUX297195	Same as 5902SA but with a full duplex to half duplex converter - for devices without RTS/CTS support

5904 HART® Interface Module

Features

- Compliant with HART physical layers specifications
- Configurable as primary or secondary master
- Unloads HART protocol details from application software
- Enables up to 4 HART ports per CPU without using CPU serial ports
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5904	TBUX297205	HART Interface

5908 FreeWave™ Wireless Data Transceiver Module

Features

- Available in 900 MHz and 2.4 GHz versions
- Long range (60 miles with 900 MHz models)
- High speed (115.2 Kbps true data throughput)
- Incorporates Freewave Radio Technology
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5908	TBUX297270	Radio Transceiver, FreeWave 900 MHz Spread Spectrum, powered by 6...30 Vdc

5908 MDS™ Wireless Data Transceiver Module

Features

- High Speed (115.2 kbps true data throughput)
- Incorporates MDS Radio Technology
- Store and Forward – with self healing network
- Unlimited repeater stations
- Sleep Mode – ideal for solar power applications
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- Not RoHS-compliant

Model	Part Number	Module
5908-WO2	TBUX297310	Radio Transceiver, MDS 900 MHz Spread Spectrum, powered by 9...30 Vdc

Selection Guide

Communication Modules

5910 Ethernet Switch Module

Features

- 5-port, 10/100BaseT Ethernet switch.
- Auto MDI/MDI-X crossover operation
- Powered by SCADAPack 5 Vdc source
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- 3 year warranty on parts and labor
- RoHS-compliant

Model	Part Number	Module
5910	TBUX297288	Ethernet Switch, 5 port, 10/100 Mb autodetect, 12...24 Vdc power
5910SA	TBUX297289	Same as 5910, with the addition of a 115 Vac adapter

5915 SDI-12 Interface Module

Features

- RS232 to SDI-12 hardware interface
- Supported by SCADAPack 32 & 300 Series controllers
- C++ application provides SDI-12 protocol functionality
- Companion TelePACE™ or IEC61131-3® application generates protocol messages
- External (RJ45) RS232 connection to SCADAPack com port
- Powered by external 12V source.
- Class I, Division 2 Groups A, B, C and D Hazardous Locations
- CSA certified to UL508 standards
- UL508 listed
- ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2)
- Not RoHS-compliant

Model	Part Number	Module
5915	TBUX297475	SDI-12 interface, serial to SDI-12 converter for SCADAPack 32 and SCADAPack 3xx-Series controllers, c/w configuration CD

Compatibility Chart

I/O Expansion Modules

	16-bit CPU	32-bit CPU				
IO Expansion Modules	100	32	3xx	3xxE	53xE	57x
Analog Inputs						
5502 AI 8-channel differential		•	•			
5504 AI 8-channel thermocouple		•	•			
5505 AI 4-channel RTD		•	•			
5506 AI 8-channel		•	•	•	•	•
5521 AI 8-channel potentiometer		•	•			
Analog Outputs						
5302 AO 4-channel		•	•			
5304 AO 4-channel		•	•	•	•	•
Digital Inputs						
5403 DI 8-point high level		•	•			
5404 DI 16-point high level		•	•			
5405 DI 32-point high density		•	•	•	•	•
5414 DI 16-point compact		•	•	•	•	•
5421 DI 8-point toggle switch		•	•			
Counter Inputs						
5410 CI 4-channel high speed		•	•			
Digital Outputs						
5406A DO 16-point dry contact relay		•	•			
5407 DO 8-point dry contact relay		•	•			
5408 DO 8-point Triac		•	•			
5401 DIO 8-point configurable		•	•			
5409 DO 8-point FET		•	•			
5411 DO 32-point		•	•			
5415 DO 12-point compact relay		•	•	•	•	•
Combination IO						
5402 DIO 16-point configurable		•	•			
5608 12 DI, 6 DO				•	•	
5610 16 DI, 10 DO				•	•	
5606 8 AI, 2 AO (option), 32 DI, 16 DO		•	•	•	•	•
5607 8 AI, 2 AO (option), 16 DI, 10 DO		•	•	•	•	•
6601 16 DI, 8 DO dry contact, 6 AI					•	•
Third-Party Protocols						
5904 HART Interface		•	•			
6602 HART IO						•
5915 SDI-12 Interface		•	•			

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