



Certificate of Compliance

Certificate: 70136731

Master Contract: 225844

Project: 70136731

Date Issued: November 15, 2017

Issued to: Schneider Automation SAS
Subsidiary of Schneider Electric
8eme rue – ZI Carros
Carros, Cedex, 06516
FRANCE

Attention: Mrs. Elisabeth Moutou

The products listed below are eligible to bear the CSA Mark shown



Issued by: E Giusti
E Giusti

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - CERTIFIED TO U.S.

Class I, Division 2, Groups A, B, C and D,

Programmable controllers, plug-in type modules Advantys Series, maximum ambient 60°C, Temperature Code T4.

Part-A

DC Discrete Input, Models:

STBDDI3230, 24Vdc 2pt,

STBDDI3420, 24Vdc 4pt,

STBDDI3610, 24Vdc 6pt,

STBDDI3425, 24Vdc 4pt,

STBDDI3615, 24Vdc 6pt,

STBDDI3725, 24Vdc 16pt



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Part-B

DC Discrete Output, Models:
STBDDO3200, 24Vdc 2pt 0.5A/pt,
STBDDO3230, 24Vdc 2pt 2A/pt,
STBDDO3410, 24Vdc 4pt 0.5A/pt,
STBDDO3600, 24Vdc 6pt 0.5A/pt,
STBDDO3415, 24Vdc 4pt 0.25A/pt
STBDDO3605, 24Vdc 6pt 0.25A/pt
STBDDO3705, 24Vdc 16pt 0.5A/pt 4A/module

Part-C

AC Discrete Input, Models:
STBDAI5230, 115Vac 2pt,
STBDAI7220, 230Vac 2pt,
STBDAI5260, 115Vac 2pt isolated

Part-D

AC Discrete output, Models:
STBDAO8210, 115Vac 2pt 2A/pt, 230Vac 2pt 1A/pt,
STBDAO5260, 115Vac 2pt 2A/pt @30°C, 115Vac 2pt 1A/pt

Part-E

Relay Output, Models:
STBDRC3210, 230Vac 2pt 2A/pt,
STBDRA3290, 230Vac 7A/pt

Part-F

Analog I/O, Models:
STBAVII270, 2pt (-10 - +10V input), ,
STBACI1230, 2pt (4 - 20mA input) ,
STBAVO1250, 2pt (-10 - +10V output) ,
STBACO1210, 2pt (4 - 20mA output),
STBART0200, 2pt (TC/RTD input)
STBAVII255, 2pt
STBACI1225, 2pt
STBAVO1255, 2pt
STBAVO1265, 2pt
STBACI0320, 4pt
STBACI8320, 4pt Heart Interface
STBACO0220, 2pt
STBAVI0300, 4pt
STBAVO0200, 2pt
STBACI1400, 8pt
STBAVII400, 8pt
STBACO1225, 2pt
STBACO8220, 2pt Heart Interface



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Part-G

Power Distribution, Models:
STBPDT3100, 24Vdc 5A and 10A,
STBPDT2100, 115/230Vac 5A and 10A,

Part-H

Specialty, Models:
STBXBE2100, CanOpen interface
STBEHC3020, High Speed Counter
STBEPI1145, 16pt in/8pt out 100mA/pt
STBEPI2145, 12pt in/8pt out 100mA/pt
STBCPS2111, Auxiliary Power Supply 24Vdc
STBXBE1000, EOS
STBXBE1100, BOS 24Vdc
STBXBE1200, EOS
STBXBE1300, BOS 24Vdc

Part-I

Accessories, Models:
STBXBA1000, 13mm Base 10A
STBXBA2000, 18mm Base 10A
STBXBA2200, 18mm Base 10A w/PE
STBXBA2100, 18mm Base 10A
STBXBA2300, 18mm Base 10A
STBXBA2400, 18mm Base 10A
STBXBA3000, 27mm Base 10A
STBAHI8321, Heart Modem

Part-J

Specialty Connectors, Models:
STBXTS5510
STBXTS5610
STBXTS6510
STBXTS6610

Part-K

Network Interface, Models:
All Network Interface rated 24Vdc 1.2A @60°C, 0.9A @70°C
STBNDP2212 Profibus Interface
STBNIB2212 Interbus Interface
STBNNDN2212 DeviceNet Interface
STBNFP2212 Fip Interface
STBNCO2212 CanOpen Interface
STBNMP2212 Modbus Plus Interface
STBNIP2212 Ethernet Interface
STBNCO1113 Cori Interface



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STBNDP1010 Economy Profibus Interface
STBNIB1010 Economy Interbus Interface
STBNDN1010 Economy DeviceNet Interface
STBNCO1010 Economy CanOpen Interface
STBNIP1010 Economy Ethernet Interface
STBNIC2212 Ethernet IP Interface
STBNIP2311 Ethernet Dual Port Interface

All models may have suffix K, KS or KC; suffix indicates models packaged with hot swap base and mating connector with screw contacts and mating connector with spring loaded contacts (K), base and mating connector with screw contacts (KS), or base and mating connector with spring loaded contacts (KC).

Notes: Modules listed above:

1. Must be installed, according to CEC, Part I and NEC in a suitable enclosure and accepted by the local inspection authority having jurisdiction.
2. Are intended for a controlled environment 60°C or 70°C maximum surrounding air temperature, pollution degree 2.
3. USB connectors, RJ45 connectors and SUB-D connectors, terminal 2-ways (alarm relay), terminal 5 way (power supply), field wiring terminal block BMXFTBxxx and memory flash cards shall not be disconnected while circuit is live.
4. The reset button (pencil point reset) shall not be used in hazardous locations.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10 (R2015)	General requirements - Canadian Electrical Code, Part II
CAN/CSA C22.2 No. 14-2013	Industrial control equipment
CAN/CSA C22.2 No. 213 - 2016	Non-incendive electrical equipment for use in class I, Division 2 hazardous locations
UL508: Ed.17	Industrial control equipment
ANSI/ISA-12.12.01: 2015	Nonincendive Electrical Equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous Locations
FM 3600: 2011	Approval standard for electric equipment for use in hazardous (classified) locations General requirements
FM 3611: 2004	Approval for Nonincendive Electrical equipment for use in Class I and II, Division 1 and 2, Hazardous (classified) locations.



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MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Following markings appear on the product, printed by a laser on the polymeric material of housing.

1. Submitter's name and/or trademarks/tradenames and/or Master Contract number "225844" (former LR 32678), catalogue number (model designation), complete electrical rating, serial number (date code) and the CSA Monogram with "C/US" monogram;
2. The hazardous location:
Class I, Division 2, Groups A, B, C and D
3. The temperature code T4
4. The maximum ambient temperature +60°C or +70°C
5. "WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS" and "AVERTISSEMENT: RISQUE D'EXPLOSION. NE PAS DÉBRANCHER TANT QUE LE CIRCUIT EST SOUS TENSION, À MOINS QU'IL NE S' AGISSE D'UN EMPLACEMENT NON DANGEREUX", or equivalent.
6. The installation instructions shall include the bilingual caution and warning for use in hazardous locations, the following statement, as per CSA-C22.2 No. 213 and ANSI/ISA 12.12.01:
"THIS EQUIPMENT IS SUITABLE FOR USE IN CLASS I, DIVISION 2, GROUPS A, B, C AND D OR NON-HAZARDOUS LOCATIONS ONLY" and "CET ÉQUIPEMENT EST ACCEPTABLE POUR UTILISATION DANS LES ENDROITS DANGEREUX DE CLASSE I, DIVISION 2, GROUPES A, B, C ET D OU NON CLASSIFIÉS SEULEMENT", or equivalent;

REQUIRED METHOD OF MARKING:

The above permanent marking is printed with a laser on the polymeric material of housing.

The following additional markings:

- Wiring terminal identification
- Maximum Ambient 60°C or 70°C (where applicable) may appear within the installation (user) manual