



## CERTIFICATION RECORD

The company named below has been authorized by CSA International to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

File No: 044087\_S\_000  
 Class No: 3211 03 INDUSTRIAL CONTROL EQUIPMENT Motor Controllers - Auxiliary Devices

### SUBMITTOR

4703490 Telemecanique/Schneider Electric  
 Industries SAS.  
 BP 660  
 Zone Industrielle No. 3  
 L'Isle d'Espagnac, 16340  
 France

### FACTORIES

4545307 Industrias Electronicas Pacificos  
 S.A. de C.V.  
 CPA Blvd Apodaca 100  
 Parque Tecnologico Apodaca  
 Apodaca, Nuevo Leon 66600  
 Mexico

4547912 PT. Schneider Electric Mfg. Batam  
 Batam Industrial Park  
 Jl. Beringin Block 01, 04 & 208  
 Muka Kuning  
 Batam Island, 29433  
 Indonesia

4548084 Telemecanique/Schneider Electric  
 Industries S A S  
 ZI des Agriers  
 Angouleme, 16021  
 France

4548085 Schneider Electric Industries S A S  
 Telemecanique Etablissement  
 ZI de Merpins

	Cognac, 16100 France
4612945	Schneider Electric A.S. Cizovska 447 Pisek, 397 01 Czech Republic
4703490	Telemecanique/Schneider Electric Industries SAS. BP 660 Zone Industrielle No. 3 L'Isle d'Espagnac, 16340 France
4704673	Schneider Electric Brazil Ltda Guaraema Factory Estrada Noriko Hamada 180 Guararema Centro, São Paulo 08900-000 Brazil
4725165	AIHDAC Atelier du Phénix 4 rue Nicolas Appert Contres, 41700 France
4727295	Tasubinsa Burlada 7 Iturrondo Poligono Industrial Burlada, Navarra 31600 Spain
4749908	Jack M Charentes Le Plantier Montbron, Charente 16220 France
4769179	A2S Industries Lot 1 Zone Industrielle Sud Ouest de Mohammedia Mohammedia, 20800 Morocco

September 27, 2012 (Replaces: June 12, 2012)

- Rotary switch, 12 contacts max, Type XB2-D 5A, 600V ac and/or rating codes A600 and Q600.  
Note: Type XB2-D is only Certified in circuits over 300V where the short circuit capacity is limited by fuses not exceeding the ratings of the devices.

- Pendant pushbutton stations, Type XAC-A, followed by a 1 or 2 digit number, followed by a 2 digit number or 1 or 1, 2 or 3 letters, may be followed by a 1 digit number, may be followed by a 1 digit number, followed by H7, Types 4 and 12, including contacts, blocks, A600, Q600 and pilot lights, 120V max, 2.6W max.
- Pushbutton stations, pendant type, water tight (CSA Encl. 4), with up to 12 pushbuttons and/or pilot lights, Types XAC-B for 300V max with built-in devices rated as follows: for use in auxiliary circuits 600V ac HD, 600V dc SD or 60VA max (XES-B1011, XES-D1181 and -1281) or 300V ac HD, 300V dc SD (XEN-C) for use in 3-ph motor circuits 3 hp, 600V ac (XES-D1191 and -1291) or 3 hp, 240V ac (XES-D22...) with aux. contacts SPDT 300V ac HD with or without pilot lights; Types XBF-LO, 220V, 1.2W max; XAC-M, for 300V max with built-in devices rated as follows: for use in auxiliary circuits, 600V ac HD, 600V dc SD or 60VA max (XES-B1011, XES-B2011, XES-D1181 and -1282) or 300V ac HD, 300V dc SD (XEN-C).

Notes:

1. The pushbutton stations Types XAC-B and XAC-M are Certified only for use as component part of other equipment where the acceptability of the combination has been determined by the Canadian Standards Association.
2. The built-in contacts, for use in auxiliary circuits, bear the note: WIRING MUST BE SAME POLARITY (except for XEN-C).
3. Cam operated master switches, open type, Type XKB, 300V ac HD, 300V dc SD, XKD, with built-in contacts Types ZB2-BE and XES-B 1011, 5A, 600V ac and/or rating Codes A600, Q600.
  - Cam operated master switches, open type, Type XKM-A, XKM-B and XKM-C, 600V ac/dc heavy duty.

Note: The type designation is completed with letters and/or numbers indicating the contact arrangement, type of operating mechanism, etc.

- Foot switches, enclosed (CSA ENCL 4), Type XPE.M, Rating Codes A300, Q300 each pole same polarity.
- Cam type controller, Type XBC-D, code rated A600, Q600. Note: The type designation may be completed by numbers and letters, indicating contact shape and mechanical details.
- Pushbutton stations, Type 4, 4X and 12, Types XAL-B, XAL-J, with contact units Types XEN-L or ZB2-BE, 600V ac HD, and/or rating codes A600, Q600 and/or 5A, 600V ac with or without pilot lights Types XAL-V6, lamp Ba9S, 130V max, XAL-V7 with resistor 230V max or with transformer 600V/6V, 1.5W or with illuminated contact units Types XAL-W6 contacts 300V ac HD for same polarity with lamp Ba9S, 130V max or XAL-W7 with series resistor 230V max.

Note: Types XAL-B and XAL-J, with built-in units are Certified as components for use only with other Certified equipment.

- Pilot lights, open type, Types XV1-AB, 220V, 7W (lamp base E14); XB2-MV, 250V, 6W (bayonet base B15 or screw shell E14) or 125V, 6W (miniature base BA9S or E10) or 600V, 50/60Hz, with transformer lamp 6V, 1.2W; XB2-AV, 125V or 300V, 50/60Hz, with transformer and lamp 6V, 1.2W.
- Push button switches, open type, Types XB2-M, 600 Vac; XB2-A, 300 Vac.

Note: In Types XB2-M and XB2-A, 2 switching units may be assembled to a double unit with interlock, providing quick make and break action; then the assembly is rated 600 Vac/dc and 300 Vac/dc respectively.

- Illuminated pushbutton switches, open type, Types XB2-MW and XB2-AW; rated in accordance with the corresponding units of switches Types XB2-M 600Vac or XB2-A 300Vac; and lights Types XB2-MV 250V 6W (bayonet base B15 or screw shell E14) or 125V 6W (miniature base BA9S or E10) or 600V 50/60Hz with transformer lamp 6V 1.2W, or XB2-AV 125V or 300V 50/60Hz with transformer and lamp 6V 1.2W.

Note: The type designations of the above equipment are completed with letters and numbers indicating the type of operating device, contact arrangement, voltage rating of lamp etc. The note “Wiring must be same polarity” appears where applicable.

- Push button stations, Types XB1-F, 600 Vac, in sheet steel (XB1-FA), or cast aluminum alloy enclosure (XB1-FB), or for flush mounting (XB1-FC and -FD), 1 up to 11 units, with or without pilot lights; XB2-GB, 300 Vac, in polyester composition enclosure, 1 up to 5 units, with or without pilot lights; XB2-SA1, 600 Vac, in cast aluminum alloy enclosure 2 up to 6 units; XB2-SL1, 300 Vac, in cast aluminum enclosure 2 up to 5 units.
- Push button stations, Types XB2-SP, in polyester composition enclosure; XB2-SA and XB2-SL, in sheet steel enclosure, for use as a component on machine tools, etc., where the acceptability of the combination has been determined by the Canadian Standards Association.

Note: In these push button stations, use is made of this manufacturer’s approved push button switches Types XB2-M and -MW and XB2-A and -AW and pilot lights Types XB2-MV and XB2-AV.

- Pushbutton stations, enclosed, Types XY2-SA31 (Encl. 3), XY2-SA33 and XY2-SA35, units for presses etc., 600 Vac; XY2-SA1 (Encl. 3), XY2-SA25 (Encl. 4), XY2-SA26 (Encl. 4) and XY2-CB, emergency control units, 600 Vac.
- Cam-operated master switches, open type, Types XB2-C, 300 Vac; XD2, 600 Vac/dc; XK2-B and XK3-A, 300 Vac; XK3-M, 600 V, 20 Amp ac, 0.6 Amp dc.
- Cam-operated master switches, types XK4-C and XD4, 600V, 20 Amp ac, 0.6 Amp dc.
- Limit Switches, screw spindle operated, enclosed, Types XR2-A, 600 Vac/dc; XR2-B, 600 V, 20 Amp ac, 0.6 Amp dc; XC1-ZC, 600 Vac max, 8 Amp make 5 Amp break, 0.25 Amp dc, open type, ceramic body; XC2-LB (Encl. 4), 600 Vac max, 8 Amp make, 5 Amp break, 0.25 Amp 600 Vdc.

Note: The type designations of the above equipment are completed with letters and numbers indicating the type of operating mechanism. The note “Wiring must be same polarity” appears, where applicable.

General Note: The above equipment is for heavy duty service, unless otherwise noted.

- Pilot lights, XVL-A1, XVL-A2 and XVL-A3, LED Types for 48V dc max.
- Pushbutton switches, open type, Type XBJ, 6A, 300V ac HD.
- Pilot lights, open type, Type XBJ-V, 60V, 1.2W, lamp BA7S.
- Illuminated pushbutton switches, open type, Types XBJ-W, lamp BA7S, 60V, 1.2W, contacts 6A, 300V ac HD.

Note: The type designations of the above pushbutton switches may be completed by letters and/or numbers indicating the contact arrangement, etc.

- Auxiliary devices, 22 mm line:
  - Master Switches, open types, Types XD2-PA or XDL-PA, followed by a number, 4 contacts max; XD2-GA, followed by a number, 8 contacts max; 5A, 600V ac and/or code rating A600,

**Q600.**

-Push-button Switches, open types, Series ZA2-B or ZB2-B provided with contact block with screws or quick connect terminals Type ZB2-BE followed by 10 or 20, followed by 1 or 2, may be followed by 3, 6, 7 or 9; Type ZBE-BE followed by a 7 digit number; 5A, 600V ac and/or code rating A600, Q600; except for ZB2-BE1016, 1026, 1017 and 1027, 24V-100mA resistive.

-Pilot Lights, open types, lamp base, Series ZA2-B or ZB2-B provided with transformer pilot light body, rated 600V max, 50/60Hz, 6V-1.5W max Type Z..-BV followed by 1, 2, 3, 4, 94, 95 or 98, may be followed by a number; or with full voltage pilot body rated 125V, 2.6W max Type Z..-BV followed by 6 or 006, may be followed by a number; or with a resistor pilot light body rated 220V, 2.6W max Type Z..-BV7 may be followed by a number; or a flashing light body Type Z..-BV followed by 18 or 19 followed by one digit number. Suitable for use with Type 4 enclosure.

**Notes:**

1. The contact block ZB2-BE and the pilot light Z..BV may be combined. The combinations are Z..BW01, 02, etc. followed by a reference number indicating the type of pilot light.
  2. The combination of units mentioned above with operating heads are symbolized XA2-B or XB2-B
  3. The type designations of the combinations are completed by a digit indicating number of contacts and contact shape.
- Pilot devices and signalling devices for use in industrial control assemblies, open type, 600V ac or less, contacts rated A600/Q600. Details of product lines are given in the table below:

Series Designation Radix	Function
XB3-B..., ZB2-BE	Pushbuttons and selector switches, illuminated or non-illuminated
XB3-D...	Cam-type switches
XD3-P...	Joystick-type switches
Z..-BV...	Pilot lights
Z..-BWO...	Illuminated pushbutton
XD2-PA, XD2-GA	Master switches

Note: The dots shown in the series designation above are replaced by letters or numbers denoting variations in function, contact arrangements.

- Master switches, open types, Type XD2-PA, 4 contacts max; XD2-GA, 8 contacts max, 5A, 600V ac and/or code rating A600, Q600.
- Pushbutton switches, open types, with screw type terminals or with male terminals for use with quick disconnect female terminals, Type ZB2-BE, 5A, 600V ac, and/or code rating A600, Q600.
- Pilot lights, open type, lamp base, 1.2W, Type ZB2-BV1, -2, -3 and -4, with transformer Types ZB2-BV94, ZB2-BV95 and ZB2-BV96, 600V max, 60Hz/6V-1.5W max; ZB2-BV6, 125V, 2.6W max; ZB2-BV7 with resistor, 220V, 2.6W max, ZB2-BV18 and BV19.

**Notes:**

1. The pushbutton switches ZB2-BE and the pilot lights ZB2-BV may be combined. The combinations are ZB2-BW01, -02 etc., followed by a reference number, indicating the type of pilot light.

2. The pushbutton switches Type ZB2-BE and the master switches Type XD2-.. are limited by fuses not exceeding the ratings of the device.
3. The type designations of the combination are completed by a digit indicating number of contacts and contact shape.
  - Monolever switch assembly, Joystick, for use in industrial control equipment where the suitability of the combination is to be determined by CSA, Series XDP, rated A600 and Q600, pilot duty or 1/2A, 125V dc, 1/4A, 250V dc, 11A, 1/3 hp, 125/250/277V ac.
  - Trip wire operated emergency stop, Type XY2-CE, followed by 1, 2, 3, 4, 5, 6, 7, F, G, J or K, followed by A or C, followed by 0, 1, 2, 3, 4, 5, 9, followed by 1, 2, 5, 7 or 9, followed by 0, 6 or 7, followed by H7 or H7TK. Type 4X or 12 enclosure, rated A300 - Q300, pilot light 24 to 120V ac/dc or 230V ac/dc.
  - Trip wire operated emergency stop switches, Model XY2CH, rated A300, Q300 for two-contacts (1NC+1NO or 2NC) model, or rated B300, R300 for three-contacts (2NC+1NO) model; Type 4 Enclosure.
  - Digital display Type XA2-VA.., 24V dc, 40mA, composed of body and head sub-assembly ZA2-VA.., suitable for CSA Enc. Type 5.

Note: The type designation is followed by characters indicating contact shape and mechanical details.

- Analog joystick controller Cat. No. XDA..., 24V dc, 25mA max, in CSA Encl. 4 or 5.
- Enclosures for industrial control panels, Types 4, 4X and 12, Types XAP.M, metal, XAP.A insulating material; XAP.G, metal.

Notes:

1. The type designations are completed with suffixes indicating dimensions.
2. These enclosures are intended for use with open type industrial control panels, for indoor and/or outdoor use 'CSA ENC. 4 and 5' without mounting holes for pushbuttons and/or pilot lights, or with Certified XB2-M or ZB2-B pushbuttons and/or pilot lights, if provided with appropriate fittings and where the acceptability of the combination has been determined by the Canadian Standards Association.
  - Auxiliary Devices, 16 mm line, Type 4, 4X and 13 enclosures:
    - Push buttons, Cat No. XB6-AA, -AS, -CA or -DA; pilot lights, Cat No. XB6-AV, -CV or -DV; illuminated push buttons and selectors, Cat Nos. XB6-AE, -AF, -AW, -AK, -CE, -CF, -CW, -CK, -DE, -DF, -DK or -DW; key switches, Cat No. XB6-AG, -CG or -DG; selector switches, Cat No. XB6-AD, -CD or -DD; both followed by a three or four numbers and/or letters suffix and rated B300, R300.
    - Contact blocks, Cat No. ZB6 followed by E or Z, followed by 1 or 2, followed by A, B, D or E, rated B300, R300.
    - Pilot light blocks, Cat No. ZB6 followed by E or Z, followed by B, G, H or M, followed by one digit, followed by A or B. LED type: 12-24V ac/dc or 48/120V ac or 230V ac; neon type: 230V ac max; incandescent type: 24V max, 0.6W max.
    - Illuminated push buttons/selector blocks, Cat No. ZB6 followed by Z, followed by B, G, H or M, followed by a two digit number, followed by B or E. LED type: 12-24V ac/dc or 48/120V ac or 230V ac; neon type: 230V ac max; incandescent type: 24V max, 0.6W max.
    - Operating heads, Cat No. ZB6 followed by A, C or D, followed by a letter, followed by one digit or one letter may be followed by 1 through 7.
    - Accessory kits, Cat No. ZB6-Y followed by a three digit number
  - Auxiliary devices, 22 mm line, electrical blocks and accessories for printed circuit board

connection:

- Contact blocks, Cat. No. ZBE-701, -702, rated B300, R300.
- Contact blocks, Cat. No. ZBE-7016, -7026, rated 24 V, 100 mA resistive.
- Pilot light blocks, Cat. No. ZBV-B followed by suffixes, LED Type 24V ac/dc.
- Accessory kits, Cat. No. ZBZ-010, ZBZ-010S, ZBZ-011, ZBZ-012, ZB4-BZ079, ZB5-AZ079.

Note: These devices are certified for use in other certified equipment where the suitability of the combination is determined by CSA International.

- Push-buttons, 22 mm line, Cat No. XB7-EA, -EH or -EL; selector switches, Cat No. XB7-ED or -EG; emergency stop switches, Cat. No. XB7-ES; rated D300.  
Pilot lights, 22 mm line, Cat No. XB5-EV or XB7-EV: direct supply (incandescent or neon), 250V ac max, 50/60Hz, 2.4W max; direct through resistor, 230V ac max, 50/60Hz, lamp 130V-2.4W; integral LED, 24V ac/dc max, 27mA max or 120V ac max, 50/60Hz, 21mA max or 230V ac max, 50/60Hz, 20mA max; via integral transformer, 120Vac or 230V ac max, 50/60Hz, lamp 6V-1.2VA.  
Illuminated push-buttons, 22 mm line, Cat. No. XB7-EH or -EW: direct supply (incandescent or neon), 250V ac max, 50/60Hz, 1.2W max; integral LED, 24V dc max or 230V ac max, 50/60Hz.

Notes:

1. The series XB7-E without suffix digit P is open type.
  2. The series XB7-E with suffix digit P is suitable for use on Type 12 enclosure.
  3. The series XB7-EV0 is suitable for use on Type 4 or 12 enclosure.
  4. The series XB5-EV is suitable for use on Type 4, 12 or 13 enclosure.
  5. The Cat. No. is completed with suffixes designating supply voltage, contacts, markings and colour options.
  6. The open type devices are Certified for use in other Certified equipment where the suitability of the combination is determined by CSA International.
- Auxiliary devices, 22 mm line:
    - Push-buttons and pilot lights assembly, Cat. No. XB4-B or XB5-A followed by suffixes.
    - Contact blocks, Cat. No. ZBE, followed by 1 or 2, followed by two digit number, may be followed by 4, 6 or 6P, may be followed by 3, 5 or 9.
    - Contact subunits, Cat. No. ZBE, followed by 501, 502, 503, 504 or 505, may be followed by 3.
    - Contact blocks, Cat. No. ZEN-L followed by 1111 or 1121.
    - Pilot light blocks, Cat. No. ZAL-V or ZAL-V18 followed by B, G, J, M or BG, followed by one digit.
    - Pilot light blocks, Cat. No. ZBV-6 followed by one digit, may be followed by 3, 5 or 9; Cat. No. ZBV or ZBV-18 followed by B, G, J, M or BG followed by one digit, may be followed by 3, 4, 5, 9 or S.
    - Test output unit, Cat. No. ZB-.V156, ZB-.VB.156 and ZBZ-.156, may be followed by B., followed by 156.
    - Contact subunit, Cat. No. ZB4 - BZ or ZB5 - AZ followed by a three or four digit number; Cat. No. ZD4-PA or ZD5-PA followed by a three digit number.
    - Pilot light subunit, Cat. No. ZB4 - BV or ZB5 - AV followed by one, two, three or four numbers and/or letter suffixes.
    - Illuminated push-button subunit, Cat. No. ZB4 - BW0 or ZB5 - AW0 followed by two, three, four or five numbers and/ or letter suffixes.
    - Transformers for pilot light, Cat. No. ZB-.V followed by 3, 4, 5, 8 or 9
    - Transformers for illuminated push-button, Cat. No. ZB-.W0 followed by 3., 4., 5., 8. or 9

- Transformer subunit for LED pilot light, Cat. No. ZBV followed by 5, 8 or 9, followed by B
- Operators, Cat. No. ZB4 - B, ZB5 - A or ZB5 - C, followed by A, B, C, D, G, H, J, K, L, P, R, S, T or X, followed by one, two, three or four numbers, may be followed by M; Cat. No. ZD4-PA or ZD5-PA followed by a two digit number.
- Pilot light heads, Cat. No. ZB4 - BV0, ZB5 - AV0 or ZB5 - CV0 followed by one or two numbers, may be followed by S.
- Illuminated operators, Cat. No. ZB4 - B, ZB5-A or ZB5 - C followed by W, A, H, K, L or P, followed by one, two, three or five numbers, may be followed by 3, may be followed by S, may be followed by 7.
- Joystick controllers, Cat. No. XD4-PA or XD5-PA followed by a two digit number, may be followed by a letter.
- Accessories: Legend holders, legend plates, metal and plastic guards, Cat. No. ZBY, ZBZ, ZBC-Y or ZBC-Z followed by any alphanumeric number; Padlockable flaps, Cat. No. ZB4-BZ6 followed by one digit; Add-on square trim, Cat. No. ZB5-AZ31; Boots, Cat. No. ZBP, ZBW or ZB2-BP followed by any alphanumeric number; Plugs, Cat. No. ZB4-SZ3, ZB5-SZ3 and ZB5-SZ5.

#### Ratings:

- The contact blocks Cat. No. ZBE are rated A600, Q600, except for Cat. No. ZBE-1014 and -1024 rated A300, R300 for plug-in connector type and for Cat. No. ZBE-1016 and -1026 rated 24-100mA resistive, and Cat. No. ZBE-201 and contact block with quick-connect terminals rated A300, Q300.
- The contact subunits Cat. No. ZBE 5.. are rated A300, P300.
- The contact blocks Cat. No. ZEN-L are A600, R300.
- The joysticks controllers are rated A600, R300 except when provided with quick-connect terminals rated A300-R300.
- The pilot lights are rated:  
Direct supply for BA9S bulb: 250V max, 2.4 W max  
LED type: 12V ac/dc, 24V ac/dc, 110...120V ac, 230/240V ac, 24...120V ac/dc  
The transformers are rated:  
Cat. No. ZB.-.V and ZB.-.W: Primary 110 -120V, 50/60Hz; 230V, 50Hz or 220 - 240V, 60Hz; 400V, 50Hz; 440 - 480V, 60Hz; 550 - 600V, 60Hz, Secondary 6V.  
Cat. No. ZBV: Primary 400V, 50/60Hz; 440 - 460V, 50Hz; 550 - 600V, 60Hz. Secondary 24V, for use with LED pilot light ZBV-B.
- The operators and the plugs are rated Type 1, 2, 3, 4, 4X, 12 and 13, with or without legend holders, legend plates, metal or plastic guards, padlockable flaps, the add-on square trim and boots, except for the two operators push-buttons Cat. No. ZB4-BA8, ZB4-BL8, ZB5-AA8 and ZB5-AL8 that are only Type 1 enclosure.

Note: These devices are certified for use in other certified equipment where the suitability of the combination is determined by the Canadian Standards Association.

- Beacons and indicating banks, Cat. No. XVB followed by C or L, followed by 0, 1, 2, 3, 4, 5, 6 or 8, may be followed by B, G or M, followed by one digit; Cat. No. XVD followed by C or L, followed by 0, 1, 3, 4, 6 or 8, may be followed by B, G or M, followed by one digit. Cat. No. XVD-LS followed by 3 or 6, may be followed by B, G or M, followed by one digit; Cat. No. XVB or XVD followed by C, followed by one or two digit number, may be followed by B or M. Enclosure Types 4X indoor use and 12 for XVB; Type 1 for XVD model. Incandescent pilot light models: 250V max, 10W max for XVB-L and XVD-L, 5W max for XVD-LS; LED cluster models: 24V ac/dc, 120V ac or 230V ac, 1.5W max; strobe models: 24V, 850mA max, 120V, 260mA max, 230V, 210mA max.

- Control stations, Cat. No. XAL-D or -K followed by 1, 2, 3, 4 or 5 followed by a two digit number, may be followed by a letter, and/or a one digit number, followed by H7; Cat. No. XAL-D or -K followed by 01, 02, 03, 04 or 05, followed by H7. Enclosure Type 4X, 12 and 13  
Ratings:
  - The contact blocks are rated A600, R300.
  - The pilot lights LED Type are rated: 24V ac/dc, 48.. 120V ac, 230/240 V ac.

Note: These devices are enclosed manually operated control stations for use with CSA certified operating heads Cat. No. ZB5-A, contact blocks Cat. No. ZEN-L and/or pilot lights Cat No. ZAL-V.

- Pendant push-button stations, Cat. No. XAC-A, followed by 20 or 21, followed by 1, 3, 5 or 7, may be followed by 3 or 4. Rated: A600-Q600. Enclosures Types 1, 4 and 4X.

Note: The devices are certified only as component parts of other equipment where the acceptability of the combination has been determined by CSA International.

- Beacons and indicating banks: Cat. No. XVE, followed by C or L, followed by 2, 3, 5 or 6, may be followed by B, G or M, followed by one digit; Cat. No. XVE-C, followed by 9 or 21, may be followed by B, G, M or P. Enclosure Type 12.

Electrical ratings:

- XVE-.2: 24V 25mA max, 120V 25mA max, 230-240V 25mA max;
- XVE-.3: 240V 5W max;
- XVE-.5: 24V 30mA max, 120V 25mA max, 230-240V 25mA max;
- XVE-.6: 24V 145mA ac max 85mA dc max, 120V 35mA max, 230-240V 25mA max; andd
- XVE-.9: 24V 15mA max, 120V 25mA max, 230-240V 25mA max.
- Foot switches Cat. No. XPE, followed by B or G, followed by one, two or three alphanumeric digits. rated: A300, Q300 Pilot Duty. Enclosures Types 4X indoor use, 12 and 13.
- Biometric switch, fingerprint reader, open type, Cat. No. XB5 S, followed by 1 or 2, followed by B, followed by 2, followed by L with a number or followed by M12; rated 24 Vdc supply, 200 mA PNP-output, resistive, protected against overload and short-circuit; enclosure Type 12.

Notes:

1. These open type devices are certified for use in other certified equipment where the suitability of the combination is determined by CSA International.
  2. Non-evaluated as a biometric operating device where its suitability within the end use application shall require further evaluation should this feature be considered critical for safety.
- Self Powered Pushbutton switch and Receiver Packages, open type, Cat. Nos. XB4 R and XB5 R, followed by F, M or C, followed by A, B or C, followed by two or three digits, wireless and without any battery.  
Self Powered Pushbutton switches, open type, Cat. Nos. ZB4 R and ZB5 R, followed by T, M or Z, followed by A, L or D, followed by one or three numbers, wireless and without any battery, enclosure Type 12.  
Transmitters, open type, Cat. No. ZBR T, followed by 1 or P, wireless and without any battery.  
Receivers, open type, Cat. No. ZBR RA, rated 24 to 240 Vac/dc supply, output B300 R300 Pilot Duty, 3 A 240 V resistive; Cat. No. ZBR RC, rated 24 Vdc supply, output 200 mA PNP resistive, protected against overload and short-circuit; Cat. No. XB5 RFB01, rated 24 Vdc supply, output B300 Pilot Duty, 3 A 240 V resistive, air surrounding temperature +55°C.  
Relay-Antenna, open type, surface-mounted, leads connected, Cat. No. ZBR A1, rated 24 to 240

Vac/dc supply, air surrounding temperature +55°C, enclosure Type 12.

Handy box with pushbutton head, open type, Cat. No. ZBR M, followed by three digits, enclosure Type 12.

Note: These open type devices are certified for use in other certified equipment where the suitability of the combination is determined by CSA International.

- Push-buttons, 22 mm line, Cat. No. XB7-NA, -NH or -NL, and Selector switches, Cat. No. XB7-ND or -NG, rated D300, R300. Suitable for enclosure Type 12. Illuminated push-buttons, 22 mm line, Cat. No. XB7-NW or -NJ, direct supply (incandescent or neon), rated 250Vac max, 50/60Hz, 1.2W max, or integral LED, rated 24Vac/dc-25mA, 120Vac-15mA, or 230Vac-27mA, 50/60Hz. Suitable for enclosure Type 12.  
Emergency Stop Push-buttons, 22 mm line, Cat. No. XB7-NS or -NT, rated C300, R300. Suitable for enclosure Type 3 or 12.

Notes:

1. Cat. No. is followed by suffixes designating supply voltage, contacts, markings and colour options.
2. These open type devices are certified for use in other Certified equipment where the suitability of the combination is determined by CSA International.

/cl