

QUZW7.E199827 - Process Control Equipment for Use in Hazardous Locations
Certified for Canada

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PHOENIX CONTACT GmbH & Co. KG

E199827

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Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type controller "AXIOLINE Series, Type PB IOL8" Model(s) AXL E PB IOL8 (c)

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type controllers "AXIOLINE Series, Type ETH DI16" Model(s) AXL E EC DI16 (c), AXL E EIP DI16 (c), AXL E ETH DI16 (c), AXL E PN DI16 (c), AXL E S3 DI16 (c)

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type controllers "AXIOLINE Series, Type ETH DI8 DO4-2A" Model(s) AXL E EC DI8 DO4-2A (c), AXL E EIP DI8 DO4-2A (c), AXL E ETH DI8 DO4-2A (c), AXL E PN DI8 DO4-2A (c), AXL E S3 DI8 DO4-2A (c)

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type controllers "AXIOLINE Series, Type ETH DI8 DO8" Model(s) AXL E EC DI8 DO8 (c), AXL E EIP DI8 DO8 (c), AXL E ETH DI8 DO8 (c), AXL E PN DI8 DO8 (c), AXL E S3 DI8 DO8 (c)

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type controllers "AXIOLINE Series, Type ETH DIO16" Model(s) AXL E EC DIO16 (c), AXL E EIP DIO16 (c), AXL E ETH DIO16 (c), AXL E PN DIO16 (c), AXL E S3 DIO16 (c)

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type controllers "AXIOLINE Series, Type ETH IOL8" Model(s) AXL E EC IOL8 (c), AXL E EIP IOL8 (c), AXL E ETH IOL8 (c), AXL E PN IOL8 (c), AXL E S3 IOL8 (c)

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type controllers "AXIOLINE Series, Type PB DI16" Model(s) AXL E PB DI16 (c)

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type controllers "AXIOLINE Series, Type PB DI8 DO4-2A" Model(s) AXL E PB DI8 DO4-2A (c)

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type controllers "AXIOLINE Series, Type PB DI8 DO8" Model(s) AXL E PB DI8 DO8 (c)

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type controllers "AXIOLINE Series, Type PB DIO16" Model(s) AXL E PB DIO16 (c)

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type interface modules Model(s) MACX MCR-EX-SL-RPSSI-I, MACX MCR-EX-SL-RPSSI-I-UP, MACX MCR-EX-SL-IDSI-I, MACX MCR-EX-SL-SD-21-25-LP, MACX MCR-EX-SL-SD-21-40-LP, MACX MCR-EX-SL-SD-21-60-LP, MACX MCR-EX-SL-SD-24-48-LP, MACX MCR-EX-SL-NAM-2T, MACX MCR-EX-SL-2NAM-T, MACX MCR-EX-SL-NAM-R, MACX MCR-EX-SL-NAM-2RO, MACX MCR-EX-SL-2NAM-RO, MACX MCR-EX-SL-2NAM-R-UP, MACX MCR-EX-SL-RTD-I, MACX MCR-EX-SL-RTD-I-NC, MACX MCR-EX-SL-RTD-I-SP-NC, MACX MCR-EX-SL-TC-I, MACX MCR-EX-SL-TC-I-NC, MACX MCR-EX-SL-RPSSI-2I, MACX PL EX-RPSSI-2I, MACX MCR-EX-T-UI, MACX PL-EX-T-UI, MACX MCR-EX-T-UIREL, MACX PL-EX-T-UIREL, MACX MCR-EX-SL-NAM-NAM, MACX MCR-EX-SL-RPSS-2I-2I, MACX PL-EX-RPSS-2I-2I, MACX MCR-EX-SL-SD-23-48-LFD, MACX MCR-EX-SL-SD-21-25-LFD, MACX MCR-EX-SL-SD-24-48-LFD, MACX MCR-EX-SL-NAM-HO, MACX MCR-EX-SL-NAM-YO, all may be followed by alphanumeric code; BTS211-E0, BTS311-E0, BTA211-A0, BTD277-E0, provide intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when installed in accordance with manufacturer's control drawing no. 83104549. All MACX MCR-EX-SL models may be followed by -SP.

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type interface modules Model(s) MACX MCR-UI-UI-UP, MACX MCR-UI-UI-UP-NC, MACX MCR-UI-UI-UP-SP, MACX MCR-UI-UI-UP-SP-NC, TC-MACX MCR-PTB

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type interface modules, for use in Class I, Division 2 Groups A, B, C and D Model(s) BTA211-A0, BTS211-E0, BTS311-E0

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type interface modules, for use in Class I, Division 2 Groups A, B, C and D Model(s) MACX MCR-UI-UI, MACX MCR-PTB, MACX MCR-SL-RPSSI-2I, MACX MCR-SL-I-I-ILP, MACX MCR-SL-I-I-HV-ILP, MACX MCR-SL-I-I-ILP-SP, MACX MCR-SL-I-I-HV-ILP-SP, MACX PL-I-I-ILP, MACX PL-I-I-ILP-SP, MACX MCR-SL-2I-2I-ILP, MACX MCR-SL-2I-2I-HV-ILP, MACX MCR-SL-2I-2I-ILP-SP, MACX MCR-SL-2I-2I-HV-ILP-SP, MACX PL-2I-2I-ILP, MACX PL-2I-2I-ILP-SP, MINI MCR-SL-CVS-24-5-10, MINI MCR-SL-UI-I-LP, MINI MCR SL-F-UI, MINI MCR-RTD-UI,,MINI MCR-SL-PTB-FM and MINI MCR-SL-FM-RC, MINI MCR-TC-UI, MACX MCR-T-UI, MACX PL-T-UI, MACX MCR-T-UIREL, MACX PL-T-UIREL, MACX MCR-SL-RPSS-2I-2I, MACX PL-RPSS-2I-2I, MACX PL-RPSSI-2I, MACX MCR-SL-RPSSI-I, MCR-SL-RPSSI-I-UP, MACX MCR-SL-IDSI-I, MACX MCR-SL-NAM-R, MACX MCR-SL-2NAM-RO, MACX MCR-SL-NAM-2RO, MACX MCR-SL-2NAM-R-UP, MACX MCR-SL-2NAM-T, MACX MCR-SL-NAM-2T, MACX MCR-SL-RTD-I, MACX MCR-SL-TC-I, MINI MCR-SL-RPSS-I-I, MINI MCR-SL-IDS-I-I may be followed by -SP or -NC or -SP-NC, IFS-OP-UNIT, IFS-OP-CRADLE and IFS-USB-PROG-ADAPTER, BTS211-E0, BTS311-E0 and BTA211-A0 for use in Class I, Division 2 Groups A, B, C and D.

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type process control equipment type FL switches Model(s) 7005/FX-2FXSM-EIP, 7006/2FX-EIP, 7008-EIP

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type switch mode power supply units Model(s) UNO-PS/1AC/12DC/55W, UNO-PS/1AC/15DC/55W, UNO-PS/1AC/24DC/60W, UNO-PS/1AC/48DC/60W, UNO-PS/1AC/5DC/40W

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, open type uninterruptible DC/DC power supplies Model(s) QUINT-UPS/24DC/24DC/10, QUINT-UPS/24DC/24DC/10/3.4AH, QUINT-UPS/24DC/24DC/20, QUINT-UPS/24DC/24DC/40, QUINT-UPS/24DC/24DC/5, QUINT-UPS/24DC/24DC/5/1.3AH

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, programmable controllers Model(s) ASI IO ME DIO 4/3 AB, ASI IO SV DIO 4/3 AB, ASI IO SV DIOR 4/3 AB

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, segment protector 4-SPUR Model(s) FB-4SP

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, segment protectors TRUNK + 2-SPUR Model(s) FB-2SP-ET

Class I, Division 1 and 2, Groups A, B, C and D, transmitters, intrinsically safe for use in Class I, Division 1 and 2, Groups A, B, C and D Hazardous Locations when installed in accordance with Control Drawings 83035296, 83035297, 830035337 or 83035338 Model(s) MCR-FL-HT-T-I, MCR-FL-HT-T-I-Ex, MCR-FL-HT-TS-I-Ex, MCR-FL-T-LP-I, MCR-FL-T-LP-I-Ex, MCR-FL-TS-LP-I-Ex

Class I, Division 1, Groups A, B, C and D Open Type Equipment "QUINT4 Capacitor-Based Buffer Module" Model(s) QUINT4-BUFFER/24DC/20, QUINT4-BUFFER/24DC/40

Class I, Division 1, Groups A, B, C and D Open Type Equipment "QUINT4 Capacitor-Based Buffer Module" Model(s) QUINT4-CAP/24DC/10/8KJzzz Where z represents any alphanumeric characters including "-", "/" or blank, for marketing purpose only, not safety relevant.

Class I, Division 1, Groups A, B, C and D Open Type Equipment "QUINT4 Capacitor-Based Buffer Module" Model(s) QUINT4-CAP/24DC/5/4KJzzz Where z represents any alphanumeric characters including "-", "/" or blank, for marketing purpose only, not safety relevant

Class I, Division 1, Groups A, B, C and D Open type equipment "Quint4 charger" Model(s) QUINT4-CHARGER/1AC/24DC/10 QUINT4-CHARGER/1AC/24DC/10 1AC - single phase 24DC - nominal output voltage 24 Vdc 10 - rated output current 10 A

Class I, Division 1, Groups A, B, C and D Switch Mode Power Supply, Open Type Model(s) QUINT4-PS/1AC/24DC/20/+/x ,where "x" may be one or more alphanumeric character or blank

Class I, Division 2 Groups A, B, C and D, Cord sets of Termination Carrier System Model(s) TC; followed by C; followed by MINI, MIN2, 2MIN, 2PRO, MAX2, MAX3, PSR1, PSR2, PSR3, PSR4, PTB1, PTB3, PTBP, FM01, FM0P; followed by SC, SP, AI, PT, SO; followed by 00, J0-J9, 01-33, 01-08, A1-A9; may be followed by J0-J9, 01-33, 01-08, A1-A9.

Class I, Division 2, Groups A, B, C and D "QUINT4" Model(s) QUINT4-PS/1AC/12DC/15 Models QUINT4-PS/1AC/12DC/15/x, QUINT4-PS/1AC/12DC/15/CO/x, QUINT4-PS/1AC/12DC/15/LA/x, where "x" may be one or more alphanumeric characters or blanks, for use in Class I, Division 2, Groups A, B, C and D Hazardous Locations.

Class I, Division 2, Groups A, B, C and D "QUINT4" Model(s) QUINT4-PS/1AC/48DC/5 Models QUINT4-PS/1AC/48DC/5/x, QUINT4-PS/1AC/48DC/5/CO/x, QUINT4-PS/1AC/48DC/5/LA/x, where "x" may be one or more alphanumeric characters or blanks, for use in Class I, Division 2, Groups A, B, C and D Hazardous Locations.

Class I, Division 2, Groups A, B, C and D "Switch Mode Power Supply" Model(s) TRIO-UPS-2G/1AC/24DC/10

Class I, Division 2, Groups A, B, C and D Model(s) IB IL EX-IS AIO 4/EF-PAC, IB IL EX-IS TEMP 4 RTD/TC-PAC, IL EX-IS DIO 4/NAM-PAC

Class I, Division 2, Groups A, B, C and D Model(s) QUINT4-PS/1AC/12DC/2.5/xx/ QUINT4-PS/1AC/12DC/2.5/SC: connection terminal block screw connection type QUINT4-PS/1AC/12DC/2.5/PT: connection terminal block Push-in technology type

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Class I, Division 2, Groups A, B, C and D Model(s) QUINT4-PS/1AC/12DC/7.5/xx/ QUINT4-PS/1AC/12DC/7.5/SC: connection terminal block screw connection type QUINT4-PS/1AC/12DC/7.5/PT: connection terminal block Push-in technology type

Class I, Division 2, Groups A, B, C and D 4-20 mA repeater "MACX MCR" Model(s) MACX MCR-IDS Models MACX MCR-IDS, followed by -I or -2I, followed by -I or -2I, followed by -C or by -SP, or by -SP-C

Class I, Division 2, Groups A, B, C and D 4-20 mA RTD transmitter "MACX MCR" Model(s) MACX MCR-RTD-... Models MACX MCR, followed by -RTD , followed by -I, may be followed by -SP, or by -C or by -SP-C

Class I, Division 2, Groups A, B, C and D 4-20 mA TC transmitter "MACX MCR" Model(s) MACX MCR-SL-UI-REL MACX MCR-SL-UI-REL, may be followed by -C, or by -SP, or by -SP-C

Class I, Division 2, Groups A, B, C and D 4-20 mA TC transmitter "MACX MCR" Model(s) MACX MCR-TC Models MACX MCR, followed by -TC, followed by -I, may be followed by -SP, or by -C or by -SP-C

Class I, Division 2, Groups A, B, C and D Capacitor-Based Buffer Module "QUINT4-CAP" Model(s) QUINT4-CAP/24DC/3.8/1KJ/xx/... where "xx" can be SC or PT and "..." maybe one or more alphanumeric character including "-", "/" or blank for marketing purpose only, not safety relevant for use in Class I, Division 2, Groups A, B, C and D Hazardous Locations.

Class I, Division 2, Groups A, B, C and D Communications Modules Model(s) IB IL EX-IS PWR IN-PAC

Class I, Division 2, Groups A, B, C and D Ethernet switch "FL SWITCH 700x" Model(s) FL Switch 7004-2TC-2GC-EIP, FL Switch 7004-4GC-EIP, FL Switch 7006-2GC-EIP

Class I, Division 2, Groups A, B, C and D Hazardous Locations, Switch Mode Power Supply Modules, Open Type Model(s) QUINT4-PS/1AC/24DC/10/CO/x (@), QUINT4-PS/1AC/24DC/10/LA/x (@), QUINT4-PS/1AC/24DC/10/x (@)

Class I, Division 2, Groups A, B, C and D Hazardous Locations, Switch Mode Power Supply Modules, Open Type Model(s) QUINT4-PS/1AC/24DC/20/x, QUINT4-PS/1AC/24DC/20/CO/x, QUINT4-PS/1AC/24DC/20/LA/x (@)

Class I, Division 2, Groups A, B, C and D Hazardous Locations, Switch Mode Power Supply Modules, Open Type Model(s) QUINT4-PS/1AC/24DC/5/CO/x (@), QUINT4-PS/1AC/24DC/5/LA/x (@), QUINT4-PS/1AC/24DC/5/x (@), QUINT4-PS/3AC/24DC/5/CO/x (@), QUINT4-PS/3AC/24DC/5/LA/x (@), QUINT4-PS/3AC/24DC/5/x (@)

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/24DC/12DC/8/xx/.../.../... where "xx" can be SC or PT and /.../.../... may be combined with any alphanumeric characters or blank representing non safety relevant features

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/24DC/24DC/5/xx/.../.../.../ where "xx" can be SC or PT and /.../.../... may be combined with any alphanumeric characters or blank representing non safety relevant features

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/48DC/24DC/5/xx/.../.../... where "xx" can be SC or PT and /.../.../... may be combined with any alphanumeric characters or blank representing non safety relevant features

Class I, Division 2, Groups A, B, C and D Open Type - Process Control Equipment "QUINT4-PS" Model(s) Base Model QUINT4-PS/24DC/24DC/20/xx QUINT4-PS/24DC/24DC/20/xx, where ¿xx¿ can be SC or PT and followed by any alphanumeric characters or blank representing non safety relevant features.

Class I, Division 2, Groups A, B, C and D Open Type - Process Control Equipment "QUINT4-PS" Model(s) QUINT4-PS/24DC/24DC/20/xx/+ QUINT4-PS/24DC/24DC/20/xx/+, where ¿xx¿ can be SC or PT and followed by any alphanumeric characters or blank representing non safety relevant features.

Class I, Division 2, Groups A, B, C and D open type AC single phase power supply "STEP3-PS" Model(s) STEP3-PS/1AC/24DC/4/, STEP3-PS/1AC/24DC/5

Class I, Division 2, Groups A, B, C and D open type AC single-phase power supply "STEP3-PS" Model(s) STEP3-PS/1AC/24DC/0.63, STEP3-PS/1AC/24DC/1.3, STEP3-PS/1AC/24DC/2.5

Class I, Division 2, Groups A, B, C and D open type AC single-phase power supply "TRIO-UPS" Model(s) TRIO-UPS-2G/1AC/24DC/20 All models may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Class I, Division 2, Groups A, B, C and D open type AC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/1AC/110DC/4/.../.../... All models may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Class I, Division 2, Groups A, B, C and D open type AC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/1AC/110DC/4/CO/.../.../... All models may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Class I, Division 2, Groups A, B, C and D Open type Capacitor-Based Buffer Modules "QUINT4-CAP/24DC/20/16KJ" Model(s) QUINT4-CAP/24DC/20/16KJ Base Model QUINT4-CAP/24DC/20/16KJ, followed by USB, PN, EIP or EC, may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Class I, Division 2, Groups A, B, C and D Open type Capacitor-Based Buffer Modules "QUINT4-CAP/24DC/20/16KJ" Model(s) QUINT4-CAP/24DC/20/16KJ/EC QUINT4-CAP/24DC/20/16KJ/EC, may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Class I, Division 2, Groups A, B, C and D Open type Capacitor-Based Buffer Modules "QUINT4-CAP/24DC/20/16KJ" Model(s) QUINT4-CAP/24DC/20/16KJ/EIP QUINT4-CAP/24DC/20/16KJ/EIP, may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Class I, Division 2, Groups A, B, C and D Open type Capacitor-Based Buffer Modules "QUINT4-CAP/24DC/20/16KJ" Model(s) QUINT4-CAP/24DC/20/16KJ/PN QUINT4-CAP/24DC/20/16KJ/PN, may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Class I, Division 2, Groups A, B, C and D Open type Capacitor-Based Buffer Modules "QUINT4-CAP/24DC/20/16KJ" Model(s) QUINT4-CAP/24DC/20/16KJ/USB QUINT4-CAP/24DC/20/16KJ/USB, may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/12-24DC/24DC/1.3/PT All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/12-24DC/24DC/1.3/SC All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/12-24DC/24DC/2.5/PT All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/12-24DC/24DC/2.5/SC All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/12-24DC/5-15DC/2.5/PT All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/12-24DC/5-15DC/2.5/SC All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/24DC/24DC/10/PT/CO/.../.../... For QUINT4-PS/24DC/24DC/10/PT/CO/¿¿/¿¿: Where/¿¿/¿¿ may be of any alphanumeric characters or blank denoting no safety relevant options.

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/24DC/24DC/5/PT/CO/.../.../.../ where "/¿¿/¿¿" may be combined with any alphanumeric characters or blank representing non safety relevant features, for use in Class I, Division 2, Groups A, B, C and D, Hazardous Locations.

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/48-110DC/24DC/2.5/PT All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D open type DC-DC converter "QUINT4-PS" Model(s) QUINT4-PS/48-110DC/24DC/2.5/SC All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D Open Type DC/DC Converter Model(s) QUINT-DC-UPS/24DC/20-VIB All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D Open Type Equipment "TRIO" Model(s) TRIO-PS-2G/3AC/24DC/40

Class I, Division 2, Groups A, B, C and D Open Type Equipment Model(s) TRIO-PS-2G/1AC/24DC/10 all model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / semicolon , . _ " or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D Open Type Equipment Model(s) TRIO-PS-2G/1AC/24DC/20

Class I, Division 2, Groups A, B, C and D Open Type Power Distribution Units Model(s) QUINT4-S-ORING/12-24DC/1x40/VP

Class I, Division 2, Groups A, B, C and D open type power supplies Model(s) QUINT-BUFFER/24DC/20 All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D open type power supplies Model(s) QUINT-BUFFER/24DC/20-VIB All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D open type power supplies Model(s) QUINT-DC-UPS/24DC/10 All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D open type power supplies Model(s) QUINT-DC-UPS/24DC/20 All model/catalogue number(s) may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only, not safety relevant.

Class I, Division 2, Groups A, B, C and D Open Type Power Supplies, Series Rechargeable VRLA battery, modules Model(s) UPS-BAT/VRLA/24DC/20AH

Class I, Division 2, Groups A, B, C and D open type power supply unit "UNO-PS" Model(s) UNO-PS/1AC/12DC/55W/H, UNO-PS/1AC/24DC/100W/H

Class I, Division 2, Groups A, B, C and D open type switch mode power supplies "QUINT4-PS" Model(s) QUINT4-PS/1AC/24DC/40/CO/x, QUINT4-PS/1AC/24DC/40/LA/x, QUINT4-PS/1AC/24DC/40/x

Class I, Division 2, Groups A, B, C and D open type switch mode power supply "QUINT4-PS" Model(s) QUINT4-PS/1AC/5DC/5/ QUINT4-PS/1AC/5DC/5/xx/ .. (where xx can be SC or PT and/ ... may be one or more alphanumeric character or blank

Class I, Division 2, Groups A, B, C and D Open type uninterruptible DC/DC Power Supplies "QUINT4-UPS/24DC/24DC/" Model(s) QUINT4-UPS/24DC/24DC/10zzz The below suffixes in the model designation indicate the different communication boards: Suffix Communication board Remark /USBzzz USB board Providing a USB port /PNzzz PROFINET board Providing two PROFINET ports /EIPzzz Ethernet/IP board Providing two Ethernet ports, same hardware as EtherCAT /ECzzz EtherCAT board Providing two EtherCAT ports, same hardware as Ethernet/IP None None Without communication board Where zzz in the model designation represents any alphanumeric characters including "-", "/" or blank, for marketing purpose only, not safety relevant.

Class I, Division 2, Groups A, B, C and D Open type uninterruptible DC/DC Power Supplies "QUINT4-UPS/24DC/24DC/" Model(s) QUINT4-UPS/24DC/24DC/20zzz The below suffixes in the model designation indicate the different communication boards: Suffix Communication board Remark /USBzzz USB board Providing a USB port /PNzzz PROFINET board Providing two PROFINET ports /EIPzzz Ethernet/IP board Providing two Ethernet ports, same hardware as EtherCAT /ECzzz EtherCAT board Providing two EtherCAT ports, same hardware as Ethernet/IP None None Without communication board Where zzz in the model designation represents any alphanumeric characters including "-", "/" or blank, for marketing purpose only, not safety relevant.

Class I, Division 2, Groups A, B, C and D Open type uninterruptible DC/DC Power Supplies "QUINT4-UPS/24DC/24DC/" Model(s) QUINT4-UPS/24DC/24DC/40zzz The below suffixes in the model designation indicate the different communication boards: Suffix Communication board Remark /USBzzz USB board Providing a USB port /PNzzz PROFINET board Providing two PROFINET ports /EIPzzz Ethernet/IP board Providing two Ethernet ports, same hardware as EtherCAT /ECzzz EtherCAT board Providing two EtherCAT ports, same hardware as Ethernet/IP None None Without communication board Where zzz in the model designation represents any alphanumeric characters including "-", "/" or blank, for marketing purpose only, not safety relevant.

Class I, Division 2, Groups A, B, C and D Open type uninterruptible DC/DC Power Supplies "QUINT4-UPS/24DC/24DC/" Model(s) QUINT4-UPS/24DC/24DC/5zzz The below suffixes in the model designation indicate the different communication boards: Suffix Communication board Remark /USBzzz USB board Providing a USB port /PNzzz PROFINET board Providing two PROFINET ports /EIPzzz Ethernet/IP board Providing two Ethernet ports, same hardware as EtherCAT /ECzzz EtherCAT board Providing two EtherCAT ports, same hardware as Ethernet/IP None None Without communication board Where zzz in the model designation represents any alphanumeric characters including "-", "/" or blank, for marketing purpose only, not safety relevant.

Class I, Division 2, Groups A, B, C and D Open type, associated apparatus "MACX MCR" Model(s) MACX MCR-EX-IDS , followed by -I or -2I, followed by -I or -2I, followed by -C, -SP, or -SP-C, provides intrinsically safe outputs to Class I, Division 1, Groups A, B, C and D, Class II, Division 1, Groups E, F and G, Class III, Division 1 Hazardous Locations when connected per control drawing number 83104549.

Class I, Division 2, Groups A, B, C and D Open type, associated apparatus "MACX MCR" Model(s) MACX MCR-EX-SL-UI-REL , may be followed by -C or -SP, or -SP-C, provides intrinsically safe outputs to Class I, Division 1, Groups A, B, C and D, Class II, Division 1, Groups E, F and G, Class III, Division 1 Hazardous Locations when connected per control drawing number 83104549.

Class I, Division 2, Groups A, B, C and D Open type, associated apparatus "MACX MCR-EX" Model(s) MACX MCR-EX , followed by -RTD or -TC, followed by -I, may be followed by -C, -SP, or -SP-C, provides intrinsically safe outputs to Class I, Division 1, Groups A, B, C and D, Class II, Division 1, Groups E, F and G, Class III, Division 1 Hazardous Locations when connected per control drawing number 83104549

Class I, Division 2, Groups A, B, C and D Power Supply Model(s) UNO2-PS/1AC/24DC/120W/X, UNO2-PS/1AC/24DC/240W

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply "TRIO-UPS" Model(s) TRIO-UPS-2G/1AC/24DC/5, TRIO-UPS-2G/3AC/24DC/20

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply Model(s) QUINT4-PS/24-48DC/48DC/2/PT may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply Model(s) QUINT4-PS/24-48DC/48DC/2/SC may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply Model(s) STEP3-PS/1AC/12DC/1.3/PT/... where /... may be one or more alphanumeric character or blank representing non safety relevant differences.

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply Model(s) STEP3-PS/1AC/12DC/2.5/PT/... where /... may be one or more alphanumeric character or blank representing non safety relevant differences.

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply Model(s) STEP3-PS/1AC/5DC/3/PT/... where /... may be one or more alphanumeric character or blank representing non safety relevant differences.

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply Module "QUINT4-PS" Model(s) QUINT4-PS/1AC/24DC/1.3/xx/... Switch Mode Power Supply Modules, Open Type, Models QUINT4-PS/1AC/24DC/1.3/xx/..., where "xx" can be SC or PT and "/"... may be one or more alphanumeric characters or blanks.

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply Module "QUINT4-PS" Model(s) QUINT4-PS/1AC/24DC/2.5/xx/... Switch Mode Power Supply Modules, Open Type, Models QUINT4-PS/1AC/24DC/2.5/xx/..., where "xx" can be SC or PT and "/"... may be one or more alphanumeric characters or blanks.

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply Module "QUINT4-PS" Model(s) QUINT4-PS/1AC/24DC/3.8/xx/... Switch Mode Power Supply Modules, Open Type, Models QUINT4-PS/1AC/24DC/3.8/xx/..., where "xx" can be SC or PT and "/"... may be one or more alphanumeric characters or blanks.

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply, Open Type "QUINT4-PS" Model(s) QUINT4-PS/24DC/24DC/10/xx Switch Mode Power Supply Modules, Open Type, Models QUINT4-PS/24DC/24DC/10/xx/..., where "xx" can be SC or PT. All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters except for -CO , designating custom-made configurations such as current or voltage limitation, signalization, customer identification, packaging options or similar. All configurations are not safety relevant

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply, Open Type "QUINT4-PS" Model(s) QUINT4-PS/24DC/48DC/5/xx Switch Mode Power Supply Modules, Open Type, Models QUINT4-PS/24DC/48DC/5/xx/ where "xx" can be SC or PT. All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters except for -CO , designating custom-made configurations such as current or voltage limitation, signalization, customer identification, packaging options or similar. All configurations are not safety relevant

Class I, Division 2, Groups A, B, C and D Switch Mode Power Supply, Open Type "QUINT4-PS" Model(s) QUINT4-PS/48DC/48DC/5/xx Switch Mode Power Supply Modules, Open Type, Models QUINT4-PS/48DC/48DC/5/xx/ where "xx" can be SC or PT. All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters except for -CO , designating custom-made configurations such as current or voltage limitation, signalization, customer identification, packaging options or similar. All configurations are not safety relevant

Class I, Division 2, Groups A, B, C and D Termination Carrier Models Model(s) TC TC, may be followed by 1-8, followed by DxxSUB, HDxxSUB, KSxx, FLKxx, ECxx, MSTzzxx , XCxx, XDxx, XExx, XFxx, XRxx or X20B, may be followed by F, followed by AI, AO, AIO, DI, DO, DIO, or ADIO, followed by xx, or xx/yy, may be followed by A or B, may be followed by 2, followed by MA, EX, M, MP, MX, MM, P, S, F&G, ESD, PS, PS0, PS1, PS2, PS3, PS4, PS5, PS6, PS7, PS8, PS9, PC, PC0, PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, may be followed by 2, may be followed by 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, may be followed by P, 2P, A, E, F, K, M, may be followed by R, may be followed by S, or H, may be followed by additional alphanumeric code. xx, yy for nonnegative integers, zz for alphanumeric code (one or two digits), positions may be separated by "-".

Class I, Division 2, Groups A, B, C and D The devices are open type switch mode power supplies intended to be used in combination with Industrial Control Equipment. "QUINT4-PS" Model(s) QUINT4-PS/3AC/24DC/40/CO/x, QUINT4-PS/3AC/24DC/40/LA/x, QUINT4-PS/3AC/24DC/40/x

Class I, Division 2, Groups A, B, C and D, Fieldbus Isolated Device Couplers Model(s) FB-12SP ISO and FB-8SP ISO providing Intrinsically Safe Outputs for use in Class I, Groups A, B, C and D, Class II, Groups E, F and G, Class III Hazardous Locations when installed in accordance with installation instructions Nos. 3565 and 3732 respectively.

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, analog interface modules Model(s) MCR-C-UI-UI-DCI, MCR-C-UI-UI-DCI-NC, MCR-CLP-UI-I-4, MCR-CLP-UI-I-4-NC, MCR-F-UI-DC, MCR-F-UI-DC-NC, MCR-FL-C-UI-2UI-DCI, MCR-FL-C-UI-2UI-DCI-NC, MCR-T-UI-E, MCR-T-UI-E-NC, MINI MCR-SL-I-I, MINI MCR-SL-I-I-SP, MINI MCR-SL-PT100-UI, MINI MCR-SL-PT100-UI-200, MINI MCR-SL-PT100-UI-200-NC, MINI MCR-SL-PT100-UI-200-SP, MINI MCR-SL-PT100-UI-200-SP-NC, MINI MCR-SL-PT100-UI-NC, MINI MCR-SL-PT100-UI-SP, MINI MCR-SL-PT100-UI-SP-NC, MINI MCR-SL-PTB, MINI MCR-SL-PTB-SP, MINI MCR-SL-RPS-I-I, MINI MCR-SL-RPS-I-I-SP, MINI MCR-SL-TC-UI, MINI MCR-SL-TC-UI-NC, MINI MCR-SL-U-U, MINI MCR-SL-U-U-SP, MINI MCR-SL-U-UI, MINI MCR-SL-U-UI-NC, MINI MCR-SL-U-UI-SP, MINI MCR-SL-U-UI-SP-NC, MINI MCR-SL-UI-2I, MINI MCR-SL-UI-2I-NC, MINI MCR-SL-UI-2I-SP, MINI MCR-SL-UI-2I-SP-NC, MINI MCR-SL-UI-UI, MINI MCR-SL-UI-UI-NC, MINI MCR-SL-UI-UI-SP, MINI MCR-SL-UI-UI-SP-NC

Class I, Division 2, Groups A, B, C and D, hazardous locations, analog interface modules, open type Model(s) MINI MCR-SL-I-U-0, MINI MCR-SL-I-U-0-SP, MINI MCR-SL-I-U-4, MINI MCR-SL-I-U-4-SP, MINI MCR-SL-NAM-2RNO, MINI MCR-SL-NAM-2RNO-SP, MINI MCR-SL-PT100-LP, MINI MCR-SL-PT100-LP-NC, MINI MCR-SL-PT100-LP-NC-SP, MINI MCR-SL-PT100-LP-SP, MINI MCR-SL-R-UI, MINI MCR-SL-R-UI-SP, MINI MCR-SL-SHUNT-UI, MINI MCR-SL-SHUNT-UI-NC, MINI MCR-SL-SHUNT-UI-SP, MINI MCR-SL-SHUNT-UI-SP-NC, MINI MCR-SL-U-I-0, MINI MCR-SL-U-I-0-SP, MINI MCR-SL-U-I-4, MINI MCR-SL-U-I-4-SP, MINI MCR-SL-UI-F, MINI MCR-SL-UI-F-SP, MINI MCR-SL-V8-FLK 16-A

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, DC/DC converters, Model(s) Open type, DC/DC converters, Model(s) QUINT-PS/12DC/12DC/8, QUINT-PS/12DC/12DC/8/CO

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, DC/DC converters, Model(s) Open type, DC/DC converters, Model(s) QUINT-PS/48DC/48DC/5, QUINT-PS/48DC/48DC/5/CO

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, DC/DC converters, Model(s) Open type, DC/DC converters, Model(s) QUINT-PS/60-72DC/24DC/10, QUINT-PS/96-110DC/24DC/10, QUINT-PS/60-72DC/24DC/10/CO, QUINT-PS/96-110DC/24DC/10/CO

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, DC/DC units Model(s) FL SWITCH SFN 5GT, UPS-CAP/24DC/10A/10KJ, UPS-CAP/24DC/20A/20KJ

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, Open Type - Process Control Equipment, AC-DC-Power Supplies Model(s) TRIO-PS-2G/1AC/48DC/10, TRIO-PS-2G/1AC/48DC/5

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, open type AC/DC UPS converters, for use with batteries MINI-BAT/12DC/1.6AH and MINI-BAT/12DC/2.6AH Model(s) MINI-DC-UPS/12DC/4

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, open type AC/DC UPS converters, for use with batteries MINI-BAT/24DC/0.8AH and MINI-BAT/24DC/1.3AH Model(s) MINI-DC-UPS/24DC/2

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, open type factory line modules Model(s) FL MC 1000 SC, FL MC 1000 ST, FL MC 2000E LC, FL MC 2000E SM40 LC, FL MC 2000T SC, FL MC 2000T SM20 SC, FL MC 2000T SM40 SC, FL MC 2000T ST, FL SWITCH LM 4TX/1FX SM ST-E, FL SWITCH LM 4TX/1FX SM-E, FL SWITCH LM 4TX/1FX ST-E, FL SWITCH LM 4TX/1FX-E, FL SWITCH LM 4TX/2FX SM ST-E, FL SWITCH LM 4TX/2FX SM-E, FL SWITCH LM 4TX/2FX ST-E, FL SWITCH LM 4TX/2FX-E, FL SWITCH LM 5TX-E, FL SWITCH LM 8TX-E, FL SWITCH SF 14TX/2FX, FL SWITCH SF 15TX/FX, FL SWITCH SF 16TX, FL SWITCH SF 4TX/3FX ST, FL SWITCH SF 6TX/2FX, FL SWITCH SF 6TX/2FX ST, FL SWITCH SF 7TX/FX, FL SWITCH SF 7TX/FX ST, FL SWITCH SF 8TX, FL SWITCH SFN 14TX/2FX, FL SWITCH SFN 15TX/FX, FL SWITCH SFN 16TX, FL SWITCH SFN 4TX/FX, FL SWITCH SFN 4TX/FX ST, FL SWITCH SFN 5TX, FL SWITCH SFN 5TX-24VAC, FL SWITCH SFN 5TX-DM, FL SWITCH SFN 6GT/2LX, FL SWITCH SFN 6GT/2LX-20, FL SWITCH SFN 6GT/2SX, FL SWITCH SFN 6TX/2FX, FL SWITCH SFN 6TX/2FX ST, FL SWITCH SFN 7GT/SX, FL SWITCH SFN 7TX/FX, FL SWITCH SFN 7TX/FX ST, FL SWITCH SFN 8GT, FL SWITCH SFN 8TX, FL SWITCH SFN 8TX-24VAC, FL SWITCH SFNB 4TX/FX, FL SWITCH SFNB 4TX/FX SM20, FL SWITCH SFNB 4TX/FX ST, FL SWITCH SFNB 5TX, FL SWITCH SFNB 8TX, FL SWITCH SFNT 14TX/2FX, FL SWITCH SFNT 15TX/FX, FL SWITCH SFNT 16TX, FL SWITCH SFNT 4TX/FX, FL SWITCH SFNT 4TX/FX-C, FL SWITCH SFNT 5GT, FL SWITCH SFNT 5GT-C, FL SWITCH SFNT 5TX, FL SWITCH SFNT 5TX-C, FL SWITCH SFNT 6TX/2FX, FL SWITCH SFNT 6TX/2FX ST, FL SWITCH SFNT 6TX/2FX ST-C, FL SWITCH SFNT 6TX/2FX-C, FL SWITCH SFNT 7TX/FX, FL SWITCH SFNT 7TX/FX ST, FL SWITCH SFNT 7TX/FX ST-C, FL SWITCH SFNT 7TX/FX-C, FL SWITCH SFNT 8TX, FL SWITCH SFNT 8TX-C

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, open type power distribution units Model(s) QUINT-ORING/24DC/2x10/1x20 (or art. nr. 2320173), QUINT-ORING/24DC/2x20/1x40 (or art. nr. 2320186), QUINT-ORING/24DC/2x40/1x80 (or art. nr. 2902879), QUINT4-S-ORING/12-24DC/1x40, QUINT4-S-ORING/12-24DC/1x40/+

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, open type power distribution units, DC/DC converters Model(s) QUINT-PS/12DC/24DC/5, QUINT-PS/24DC/12DC/8, QUINT-PS/24DC/24DC/10, QUINT-PS/24DC/24DC/10/CO, QUINT-PS/24DC/24DC/20, QUINT-PS/24DC/24DC/20/CO, QUINT-PS/24DC/24DC/5, QUINT-PS/24DC/24DC/5/CO, QUINT-PS/24DC/48DC/5, QUINT-PS/48DC/24DC/5

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, open type power supplies Model(s) FB-PS-25/0.36 A, MINI-PS-100-240AC/10-15DC/2, MINI-PS-100-240AC/10-15DC/8, MINI-PS-100-240AC/24DC/1 Rev.:02, MINI-PS-100-240AC/24DC/1.3, MINI-PS-100-240AC/24DC/4, MINI-PS-100-240AC/24DC/C2LPS, MINI-PS-100-240AC/2x15DC/1, MINI-PS-100-240AC/5DC/3, MINI-PS-100-40AC/24DC/2, MINI-PS-12-24DC/24DC/1, MINI-PS-12-24DC/48DC/0.7, MINI-PS-12-24DC/5-15DC/2, MINI-PS-48-60DC/24DC/1, MINI-SYS-PS-100-240AC/24DC/1.5, Quint Diode/40, Quint Diode/48DC/40, QUINT-BUFFER/24DC/24DC/40, QUINT-DIODE/12-24DC/2x20A/1x40, QUINT-DIODE/48DC/2x20A/1x40, QUINT-PS-100-240AC/12DC/10 2938811, QUINT-PS-100-240AC/24DC/10 2938604, QUINT-PS-100-240AC/24DC/10/EX 2938866, QUINT-PS-100-240AC/24DC/2.5 2938578, QUINT-PS-100-240AC/24DC/20 2938620, QUINT-PS-100-240AC/24DC/40, QUINT-PS-100-240AC/24DC/5 2938581, QUINT-PS-100-240AC/24DC/5/EX 2938853, QUINT-PS-120AC/24DC/1, QUINT-PS-120AC/24DC/1F, QUINT-PS-120AC/24DC/2.5, QUINT-PS-120AC/24DC/2.5F, QUINT-PS-1AC/24DC/10, QUINT-PS-1AC/24DC/10/CO, QUINT-PS-1AC/24DC/20, QUINT-PS-1AC/24DC/20/CO, QUINT-PS-1AC/24DC/3.5, QUINT-PS-1AC/24DC/5, QUINT-PS-1AC/24DC/5/CO, QUINT-PS-230AC/24DC/1, QUINT-PS-230AC/24DC/1F, QUINT-PS-230AC/24DC/2.5, QUINT-PS-230AC/24DC/2.5F, QUINT-PS-3AC/24DC/10, QUINT-PS-3AC/24DC/20, QUINT-PS-3AC/24DC/20/CO, QUINT-PS-3AC/24DC/5, QUINT-PS-3x400-500AC/24DC/10, QUINT-PS-3x400-500AC/24DC/5, QUINT-PS/1AC/12DC/15, QUINT-PS/1AC/12DC/20, QUINT-PS/1AC/24DC/40, QUINT-PS/1AC/48DC/10, QUINT-PS/1AC/48DC/20, QUINT-PS/1AC/48DC/5, QUINT-PS/3AC/24DC/40, QUINT-PS/3AC/48DC/20, QUINT4-DIODE/12-24DC/2x20A/1x40, QUINT4-DIODE/48DC/2x20A/1x40, STEP-PS/1AC/12DC/1, STEP-PS/1AC/12DC/1.5, STEP-PS/1AC/12DC/1.5/FL, STEP-PS/1AC/12DC/3, STEP-PS/1AC/12DC/5, STEP-PS/1AC/15DC/4, STEP-PS/1AC/24DC/0.5, STEP-PS/1AC/24DC/0.75, STEP-PS/1AC/24DC/0.75/FL, STEP-PS/1AC/24DC/1.75, STEP-PS/1AC/24DC/2.5, STEP-PS/1AC/24DC/3.8/C2LPS, STEP-PS/1AC/24DC/4.2, STEP-PS/1AC/48DC/2, STEP-PS/1AC/5DC/6.5

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, open type power supplies, series rechargeable Li-Ion batteries Model(s) UPS-BAT/LI-ION/24DC/120WH, UPS-BAT/LI-ION/24DC/60WH

Class I, Division 2, Groups A, B, C and D, hazardous locations, open type power supplies, series rechargeable VRLA batteries Model(s) UPS-BAT/LI-ION/24DC/924WH, UPS-BAT/VRLA-WTR/24DC/13AH, UPS-BAT/VRLA-WTR/24DC/26AH, UPS-BAT/VRLA/24DC/1.3AH, UPS-BAT/VRLA/24DC/12AH, UPS-BAT/VRLA/24DC/3.4AH, UPS-BAT/VRLA/24DC/38AH, UPS-BAT/VRLA/24DC/7.2AH

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, Profibus inline bus terminal blocks Model(s) IB IL TEMPCON RTD (a), IB IL TEMPCON UTH (a), IL PB BK (a), IL PB BK DP/V1 (a)

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, Profibus repeaters Model(s) PSI-REP-PROFIBUS/12MB

Class I, Division 2, Groups A, B, C and D, Hazardous Locations, transmitters, Nonincendive for Use in Class I, Division 2, Groups A, B, C and D Hazardous Locations when installed in accordance with Control Drawings 14 17 01 115 and 14 13 00 114 Model(s) MCR-SL-HT-PT100-I, MCR-SL-PT100-LP-I

Open Type - Process Control Equipment, AC-DC-Power Supplies Model(s) TRIO-PS-2G/1AC/12DC/5/C2LPS (d), TRIO-PS-2G/1AC/24DC/10 (d)

Open Type - Process Control Equipment, AC-DC-Power Supplies Model(s) TRIO-PS-2G/1AC/24DC/3/C2LPS(d), TRIO-PS-2G/1AC/24DC/5(d), TRIO-PS-2G/1AC/12DC/10 (d)

Open Type - Process Control Equipment, AC-DC-Power Supplies Model(s) TRIO-PS-2G/3AC/24DC/10(d), TRIO-PS-2G/3AC/24DC/20 (d), TRIO-PS-2G/3AC/24DC/5(d), UNO-PS/1AC/12DC/30W, UNO-PS/1AC/15DC/30W, UNO-PS/1AC/24DC/30W, UNO-PS/1AC/5DC/25W

Open Type - Process Control Equipment, Switch Mode Power Supplies Model(s) UNO-PS/1AC/24DC/100W, UNO-PS/1AC/24DC/90W/C2LPS, UNO-PS/1AC/12DC/100W, UNO-PS/1AC/15DC/100W, UNO-PS/1AC/48DC/100W, UNO-PS/2AC/24DC/90W/C2LPS for use in Class I, Division 2, Groups A, B, C and D Hazardous Locations.

Open Type - Process Control Equipment, Switch Mode Power Supplies Model(s) UNO-PS/1AC/24DC/150W for use in Class I, Division 2, Groups A, B, C and D Hazardous Locations.

Open Type - Process Control Equipment, Switch Mode Power Supplies Model(s) UNO-PS/1AC/24DC/240W for use in Class I, Division 2, Groups A, B, C and D Hazardous Locations.

Switch Mode Power Supply Modules, Open Type Model(s) QUINT4-PS/1AC/48DC/10/CO/x(e), QUINT4-PS/1AC/48DC/10/LA/x(e), QUINT4-PS/1AC/48DC/10/x(e), QUINT4-PS/3AC/24DC/10/CO/x(e), QUINT4-PS/3AC/24DC/10/LA/x(e), QUINT4-PS/3AC/24DC/10/x(e), QUINT4-PS/3AC/24DC/20/CO/x (e), QUINT4-PS/3AC/24DC/20/LA/x (e), QUINT4-PS/3AC/24DC/20/x (e)

Unclassified Associated apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, nonincendive barriers Model(s) 5607118, 5607189, PI/NI-2D/24, PI/NI-2I/I

Model(s) UNO2-PS/1AC/24DC/480W

Model(s) UPS-BAT/PB/24DC/1.2AH All models may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Model(s) UPS-BAT/PB/24DC/12AH All models may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Model(s) UPS-BAT/PB/24DC/4AH All models may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

Model(s) UPS-BAT/PB/24DC/7AH All models may be followed by a suffix of one or more alphanumeric or special characters including " - / , . _ " or semicolon or blank, for internal references only and not safety relevant.

(@) - where "x" may be one or more alphanumeric characters or blanks

(a) - May be followed by -PAC or -PAC/x, where x may be any alphanumeric combination.

(c) - May be followed by M12-6P or M12-6M.

- (d) - For use in Class I, Division 2, Groups A,B,C and D Hazardous Locations
- (e) - where "x" may be one or more alphanumeric characters or blanks, for use in Class I, Division 2, Groups A, B, C and D Hazardous Locations.

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QUZW8.E199827 - Process Control Equipment for Use in Hazardous Locations
Certified for Canada - Component

Process Control Equipment for Use in Hazardous Locations Certified for Canada - Component

See General Information for Process Control Equipment for Use in Hazardous Locations Certified for Canada - Component

PHOENIX CONTACT GMBH & CO. KG FLACHSMARKTSTRASSE 8 32825 BLOMBERG, GERMANY Class I, Division 2, Groups A, B, C and D, 8 Channel analog in w/zeners , Model(s) 5606674 Class I, Division 2, Groups A, B, C and D, 8 Channel analog out w/zeners , Model(s) 5606932 Class I, Division 2, Groups A, B, C and D, Analog outs w/terminals , Model(s) 5606673 Class I, Division 2, Groups A, B, C and D, Digital inputs w/zeners , Model(s) 5606675 Class I, Division 2, Groups A, B, C and D, Digital outputs w/zeners , Model(s) 5606676 Class I, Division 2, Groups A, B, C and D, Digital outs w/terminals , Model(s) 5606672 Class I, Division 2, Groups A, B, C and D, Fieldline modular bus couplers , Model(s) FLM BK DN M12 DI 8 M12 Class I, Division 2, Groups A, B, C and D, Fieldline modular bus couplers , Model(s) FLM BK EIP M12 DI 8 M12-2TX Class I, Division 2, Groups A, B, C and D, Fieldline modular bus couplers , Model(s) FLM BK ETH M12 DI8 M12-2TX Class I, Division 2, Groups A, B, C and D, Fieldline modular bus couplers , Model(s) FLM BK IB M12 DI 8 M12 , FLM BK PB M12 DI 8 M12 Class I, Division 2, Groups A, B, C and D, Fieldline modular bus couplers , Model(s) FLM BK PB M12 DI 8 M12-EF Class I, Division 2, Groups A, B, C and D, Fieldline modules , Model(s) FLM, followed by DI 8, DO 4, DO 8, DI 16, DIO 4/4, DIO 8/4, DIO 8/8, AI 4 SF or AO 4 SF, followed by M8, M8-2A, M12 or M12-2A. Class I, Division 2, Groups A, B, C and D, Fieldline modules , Model(s) FLS DN M12 DI 16 M12-NPN, FLS DN M12 DIO 4/4 M12-2A-NPN Class I, Division 2, Groups A, B, C and D, Fieldline modules , Model(s) FLS, followed by CO, DN, IB or PB, followed by M12, followed by DI 8, DO 8, DI 16, DIO 4/4 or DIO 8/8, followed by M12 or M12-2A. Class I, Division 2, Groups A, B, C and D, Interface modules , Model(s) 1771-RT41A, 1771-RT44A, 1771-RTP1, 1771-RTP1/B, 1771-RTP3, 1771-RTP4, 5603266, PSI-DATA/BASIC-MODEM/RS232 Class I, Division 2, Groups A, B, C and D, Serial interface converters , Model(s) PSM-EG-RS485W4/FO-T/G, PSM-ME-REP LON485-P, PSM-ME-RS232/RS232-P, PSM-ME-RS232/RS485-P , PSM-ME-RS232/TTY-P, PSM-ME-RS485/RS485-P Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III, Associated apparatus - barrier bases, non-hazardous locations , Model(s) PI-EX-TB, TT-PI-EX-TB/T Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III, Passive analog interface modules , Model(s) Mini MCR-SL-1CP-I-I Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III, Passive analog interface modules , Model(s) Mini MCR-SL-1CP-I-I-SP Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III, Passive analog interface modules , Model(s) Mini MCR-SL-2CP-I-I Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III, Passive analog interface modules , Model(s) Mini MCR-SL-2CP-I-I-SP	E199827
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QVAJ7.E199827 - Process Control Equipment for Use in Zone Classified Hazardous Locations Certified for Canada

Process Control Equipment for Use in Zone Classified Hazardous Locations Certified for Canada

PHOENIX CONTACT GmbH & Co. KG

E199827

Flachsmarktstrasse 8
Blomberg, 32825 Germany

- Class I, Zone 0, Ex ia IIC, transmitters** Model(s) MCR-FL-HT-T-I-Ex, MCR-FL-HT-TS-I-Ex, MCR-FL-T-LP-I-Ex and MCR-FL-TS-LP-I-Ex, intrinsically safe when installed in accordance with control drawings 83035296, 83035297, 830035337 or 83035338.
- Class I, Zone 2 Ex nA [nL] IIC, nonincendive barriers** Model(s) PI/NI-2D/24, 5607118, PI/NI-2I/I, 5607189, provide nonincendive circuits (energy limited circuits) when installed per wiring diagram nos. 5607118 and 5607189.
- Class I, Zone 2, AEx nA IIC T4 Gc, PLC-V8 and PLC-V8L adapters** Model(s) PLC-V8, PLC-V8L followed by /FLK14, /D15S, or /D15B; followed by /IN or /OUT or /OUT/M, IN/M
- Class I, Zone 2, AEx nA IIC T4 Gc, PLC-V8C adapters** Model(s) PLC-V8C/ followed by SC- or PT- followed by 24DC/ followed by BM2, SAM2 or EM
- Class I, Zone 2, Ex e b ib mb [ia Ga] IIC T4 Gb; [Ex ia Da] IIIC Hazardous Locations, fieldbus isolated device couplers** Model(s) FB-12SP ISO and FB-8SP ISO, provide intrinsically safe outputs when installed in accordance with installation instructions No. 3565 and 3732.
- Class I, Zone 2, Ex ec IIC Gc X, data interface modules** Model(s) PSI-MOS-PROFIB/FO 660 E(T), PSI-MOS-PROFIB/FO 850 E(-SO), PSI-MOS-PROFIB/FO 850 T(-SO), PSI-MOS-PROFIB/FO 1300 E(T), PSI-MOS-RS485W2/FO 660 E(T), PSI-MOS-RS485W2/FO 850 E(T), PSI-MOS-RS485W2/FO 1300 E, PSI-MOS-RS485W2/FO 850 E, PSI-REP-PROFIBUS/12MB, PSI-REP-RS485W2
- Class I, Zone 2, Ex ec IIC Gc X, interbus inline controller modules** Model(s) ILC 131 ETH, ILC 131 ETH/XC, ILC 151 ETH, ILC 151 ETH/XC, ILC 171 ETH 2TX, ILC 191 ETH 2TX
- Class I, Zone 2, Ex nA II, factory line modules** Model(s) FL HUB 8TX-ZF, FL IF 2PSE-F, FL PSE 2TX
- Class I, Zone 2, Ex nA II, inline block modules** Model(s) ILB, followed by PN, ETH or IB, followed by 24, followed by DI16, followed by DIO16, may be followed by -2TX or /N.
- Class I, Zone 2, Ex nA II, power supplies** Model(s) FB-PS-25/0.36 A
- Class I, Zone 2, Ex nA II, segment protectors "4-SPUR"** Model(s) FB-4SP
- Class I, Zone 2, Ex nA II, segment protectors "TRUNK + 2-SPUR"** Model(s) FB-2SP-ET
- Class I, Zone 2, Ex nA IIC** Model(s) IB IL AI 4/EF, IB IL AI 4/EF-PAC, IB IL TEMP 4/8 RTD/EF, IB IL TEMP 4/8 RTD/EF-PAC
- Class I, Zone 2, Ex nA IIC Gc X, GSM modem communications interfaces** Model(s) PSI-GPRS/GSM-MODEM/RS232-QB (type 2313106), PSI-GPRS/GSM-MODEM/RS232-QB-CA (type 2900060), PSI-GPRS/GSM-MODEM/RS232-QB-USA (type 2900059), PSI-MODEM-GSM/ETH (type 2313355)
- Class I, Zone 2, Ex nA IIC Gc X, modem communications interfaces** Model(s) PSI-MODEM/ETH (type 2313300)
- Class I, Zone 2, Ex nA IIC Gc X, optical communications Interfaces** Model(s) FL MC EF, followed by 1300 or WDM, may be followed by alphanumeric code.
- Class I, Zone 2, Ex nA IIC Gc X, protocol converter modules** Model(s) GW PL DP/HART, GW PL DP/MODBUS, GW PL FF/HART, GW PL FF/MODBUS, GW PL PA/HART, GW PL PA/MODBUS
- Class I, Zone 2, Ex nA IIC Gc, data interface module programmable controllers** Model(s) PSI-REP-PROFIBUS/12MB, PSI-REP-RS485W2, PSI-TERMINATOR-PB
- Class I, Zone 2, Ex nA IIC Gc, factory line module programmable controllers** Model(s) FL COMSERVER BASIC 232/422/485, FL COMSERVER PRO 232/422/485, FL COMSERVER UNI 232/422/485, PSI-WL-RS232-RS485/BT/HL
- Class I, Zone 2, Ex nA IIC Gc, interbus inline controller modules** Model(s) ILC 130 ETH, ILC 150 ETH, ILC 155 ETH, ILC 170 ETH 2TX, ILC 190 ETH 2TX, ILC 131 ETH, ILC 151 ETH, ILC 171 ETH 2TX, ILC 191 ETH 2TX, ILC 131 ETH-XC or ILC 151 ETH-XC, may be followed by -PAC or -XC or -PAC/x.+
- Class I, Zone 2, Ex nA IIC Gc, segment protectors** Model(s) xxxxxx/ (x=number), followed by PLC-, followed by O or B, followed by SC or SP, followed by -24DC/ or -120UC/, followed by -24DC/ or -48DC/, followed by 100 or 2, followed by CID2 or C1D2.
- Class I, Zone 2, Ex nA IIC, deviceNet/Interbus inline adapter modules** Model(s) IL DN BK3, may be followed by -PAC or -PAC/x.+
- Class I, Zone 2, Ex nA IIC, interbus inline modules** Model(s) IB IL 24, followed by DI 8, DO 8, DI 32 or DO 32, may be followed by /HD, may be followed by -2MBD, may be followed by -PAC.
- Class I, Zone 2, Ex nA IIC, interbus inline modules** Model(s) IB IL EX PWR-ISO, IB IL EX PWR-ISO-PAC
- Class I, Zone 2, Ex nA IIC, interbus inline modules** Model(s) IB IL INC-IN, IB IL SSI-IN or IB IL RS 485/422-PRO or IB IL RS 232 (-PRO), may be followed by -PAC or -PAC/x.+
- Class I, Zone 2, Ex nA IIC, interbus inline modules** Model(s) IB IL, followed by AI 2-HART, 24 FLM, SGI 2/F or SGI 2/F-2MBD, may be followed by -PAC or -PAC/x.+
- Class I, Zone 2, Ex nA IIC, interbus inline modules** Model(s) IL PB BK DI8 DO4 2TX or IL ETH BK DI8 DO4 2TX, may be followed by -PAC or -PAC/x.+
- Class I, Zone 2, Ex nA IIC, serial interface converters** Model(s) PSM-ME-REPLON485-P, PSM-ME-RS232/RS232-P, PSM-ME-RS232/RS485-P, PSM-ME-RS232/TTY-P, PSM-ME-RS485/RS485-P
- Class I, Zone 2, Ex nA nC IIC Gc, analog intrface modules** Model(s) MINI MCR-SL-UI-REL, MINI MCR-SL-UI-REL-SP
- Class I, Zone 2, Ex nA nC IIC Gc, data interface module programmable controllers** Model(s) PSI-REP-PROFIBUS/12MB
- Class I, Zone 2, Ex nA nC IIC Gc, PLC relay modules** Model(s) xxxxxx/ (x= number), followed by PLC-, followed by R or B, followed by SC, SP or PT, followed by -12DC/, -24DC/, -120UC/ or -230UC, followed by 21, 21-21 or 21/HC, may be followed by alphanumeric code.
- Class I, Zone 2, Ex nA nL IIC, interbus inline adapter modules** Model(s) IL, followed by MII BK DI8 DO4 or DN BK DI8 DO4, may be followed by -PAC or -PAC/x.+
- Class I, Zone 2, Ex nA [ia] II [IIB], solenoid valve drivers** Model(s) PI-EX-SD-24-48, PI-EX-SD-21-60, providing intrinsically safe outputs for use in Class I, Zone 0, Group IIB when installed in accordance with the control drawing 83080131-1.
- Class I, Zone 2, Ex nA [ia] IIC, solenoid valve drivers** Model(s) PI-EX-SD-21-25, providing intrinsically safe outputs for use in Class I, Zone 0 IIC when installed in accordance with the control drawing 83080131-1.
- Class I, Zone 2, Ex nA [ic] IIC T4 Gc, process control equipment coupler modules** Model(s) FB-10SP (#), FB-12SP (#), FB-4SP/B (#), FB-6SP (#), FB-8SP (#)
- Class I, Zone 2, Ex nA [ic] IIC T4 Gc; Zone 22 Ex tc IIIC T135°C Dc, process control equipment enclosed coupler modules** Model(s) FB1, FB2 or FB3, followed by S1, S2, S3, S4, S5, S6, S7 or S8, followed by 6SP or 12SP, followed by T or S, followed by a 0, the enclosed coupler modules provide intrinsically safe outputs for use in Class I, Zone 2 when installed in accordance with installation notes for electricians drawing number PNR 3229 for models incorporating Coupler 6SP or PNR 3321 for models incorporating Coupler 12SP.
- Class I, Zone 2, Ex nC IIC, data interface modules** Model(s) PSI-MOS, followed by -RS232/FO, -RS422/FO, -RS485W2/FO or -PROFIB/FO, followed by 660 or 850, followed by /BM, /EM, E, E-SO, T or T-SO.
- Class I, Zone 2, Ex nC IIC, deviceNet/Interbus inline adapter modules** Model(s) IL DN BK1, may be followed by -PAC or -PAC/x.+
- Class I, Zone 2, Ex nC IIC, factory line modules** Model(s) FL COM SERVER RS232, FL IBS SC/I-T, FL IF 2FX SC-D, FL IF 2FX SC-F, FL IF 2FX SM SC-D, FL IF 2TX VS-RJ-D, FL IF 2TX VS-RJ-F, FL IL 24 BK-ASI, FL IL 24 BK-ASI-PAC, FL IL 24 BK-B, FL IL 24 BK-ETH/IP-PAC, FL IL 24 BK-PAC, FL SWITCH, FL SWITCH SF 14TX/2FX, FL SWITCH SF 15TX/FX, FL SWITCH SF 16TX, FL SWITCH SF 4TX/3FX ST, FL SWITCH SF 6TX/2FX, FL SWITCH SF 6TX/2FX ST, FL SWITCH SF 7TX/FX, FL SWITCH SF 7TX/FX ST, FL SWITCH SF 8TX, MCR-FL-HT-PT100-I, MCR-FL-HT-T-I, MCR-FL-T-LP-I, MCR-SL-PT100-LP-I
- Class I, Zone 2, Ex nC IIC, inline block modules** Model(s) ILB, followed by CO, DN, IB or PB, followed by 24, followed by DI8, DO8, DI16, DO16, DI32, DO16 or DO32.
- Class I, Zone 2, Ex nC IIC, interbus inline adapter modules** Model(s) IBS IL, followed by 24 RB-T, 24 BK T/U or 24 BK-DSUB, may be followed by suffix -PAC or -PAC/x.+

Class I, Zone 2, Ex nC IIC, interbus inline modules Model(s) IB IL, followed by suffixes 24 DI 2, 24 Di 2-NPN, 24 DI 4, 24 DI 4-ME, 24 DI 8, 24 DI 16, 24 DI 16-NPN, 24 DO 2, 24 DO 2-2A, 24 DO 2-NPN, 24 DO 4, 24 DO 4-ME, 24 DO 8, 24 DO 8-NPN, 24 DO 16, 24 PWR IN, 24 PWR IN/F, 24 PWR IN/M, 24 SEG, 24 SEG/F, AI 2/SF, AI 2/SF-ME, AO 1/SF, AO 1/U/SF, AO/CNT-PLSET, TEMP 2 UTH, TEMP 2 RTD, 24 BK/T, 24 MUX MA, 24 SEG-ELF, 24 RB-T, 24 SEG/F-D, 24 PWR IN/F-D, 24/230 DOR 1W, AO 2/U/BP, AO 2/U/BP-ME, AO 2/SF, AO 2/SF-2MBD, TEMPCON RTD, TEMPCON UTH, 24 BK-T/U, 24 BK-DSUB, 332-128, 332-256, AO/CNT-PLSET, may be followed by suffix -PAC or -PAC/x.+

Class I, Zone 2, Ex nC IIC, PLC relay modules Model(s) MCR-S, followed by -1-5-UI, -10-50-UI or -20-100-UI, may be followed by -SW, followed by -DCI, may be followed by -NC and MCR-S-1-5-UI-DCL-CS-Siemens.

Class I, Zone 2, Ex nL IIC, factory line modules Model(s) FL IL 24 BK-PN, FL IL 24 BK-PN-PAC, FL PN/IBS, FL PN/IBS-PAC

- for use in Hazardous Locations, providing intrinsically safe outputs for use in Class I, Zone 2 when installed in accordance with Installation notes for electricians Drawing numbers PNR 3902 (model FB-4SP/B), PNR 3229 (model FB-6SP), PNR 3894 (Model FB-8SP), PNR 3903 (model FB-10SP), PNR 3321 (model FB-12SP).

+ - Where x may be any alphanumeric combination.

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