UL Product **iQ**[™]

QUZW7.E106378 - PROCESS CONTROL EQUIPMENT FOR USE IN HAZARDOUS LOCATIONS CERTIFIED FOR CANADA

(UL)

E106378

Process Control Equipment for Use in Hazardous Locations Certified for Canada

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

PEPPERL+FUCHS GMBH

LILIENTHALSTRASSE 200 68307 MANNHEIM, GERMANY

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KCD2-UT2-EX1 and KCD2-UT2-EX1-1, provide intrinsically safe outputs for use in Class I, Division 1, Groups A, B, C, and D; Class II, Division 1, Groups E, F, and G; and Class III Division 1 Hazardous Locations when installed in accordance with manufacturer's control drawing no. 116-0379.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD0 CS Ex1.54, KFD0 CS Ex2.52, KFD0 CS Ex2.54-Y72222, KFD0-CS-Ex1.50P, KFD0-CS-Ex1.51P, KFD0-CS-Ex1.52, KFD0-CS-Ex1.54-Y72221, KFD0-CS-Ex2.50P, KFD0-CS-Ex2.51P, KFD0-CS-Ex2.54, KFD2 CD2 Ex1, KFD2 PT2 Ex1-3-Y107267, KFD2 PT2 Ex1-5-Y107269

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD2 ST(C or V)4-Ex1*, where * = blank, .H, .2O, .2O.H, -Y(used with C), -1(used with V), -2(used with V) followed by up to 6 numbers or -Y followed by up to 6 numbers; providing intrinsically safe circuits for Division 1, Class I, Groups A, B, C, and D; Class II, Groups E, F, and G, Class III hazardous locations, when installed in accordance with control drawing No. 116-0428.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD2 STC4-Ex1*, where * = blank, .H, .20, .20.H, .20-Y, followed by 6 numbers or -Y, followed by up to 6 numbers.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD2-CD-Ex1.32, KFD2-CD-Ex1.32-10, KFD2-CD-Ex1.32-11, KFD2-CD-Ex1.32-12, KFD2-CD-Ex1.32-13, KFD2-CD-Ex1.32-14, KFD2-CD-Ex1.32-15, KFD2-CD-Ex1.32-16, KFD2-CD-Ex1.32-17, KFD2-CD-Ex1.32-18, KFD2-CD-Ex1.32-19, KFD2-CD-Ex1.32-2, KFD2-CD-Ex1.32-20, KFD2-CD-Ex1.32-21, KFD2-CD-Ex1.32-22, KFD2-CD-Ex1.32-23, KFD2-CD-Ex1.32-24, KFD2-CD-Ex1.32-25, KFD2-CD-Ex1.32-3, KFD2-CD-Ex1.32-4, KFD2-CD-Ex1.32-5, KFD2-CD-Ex1.32-6, KFD2-CD-Ex1.32-7, KFD2-CD-Ex1.32-8, KFD2-CD-Ex1.32-9, KFD2-CD-Ex1.32-4, KFD2-FF-Ex2.RS232, KFD2-GU-Ex1, KFD2-PT2-Ex1-4, KFD2-PT2-Ex1-1, KFD2-PT2-Ex1-1, V107265, KFD2-PT2-Ex1-2, KFD2-PT2-Ex1-4, KFD2-PT2-Ex1-4, KFD2-PT2-Ex1-4, KFD2-PT2-Ex1-4, KFD2-PT2-Ex1-4, Y107268, KFD2-PT2-Ex1-5, KFD2-PT2-Ex1-4, Y107265, KFD2-PT2-Ex1-4, KFD2-PT2-Ex1-4, KFD2-PT2-Ex1-4, KFD2-PT2-Ex1-4, Y107268, KFD2-PT2-Ex1-5, KFD2-PT2-Ex1-4, Y107265, KFD2-PT2-Ex1-4, KFD2-PT2-Ex1-4, KFD2-PT2-Ex1-4, Y107268, KFD2-PT2-Ex1-5, KFD2-PT2-Ex1-4, Y107265, KFD2-PT2-Ex1-4, Y107268, KFD2-PT2-Ex1-5, KFD2-PT2-Ex1-4, Y107265, YFD2-PT2-Ex1-4, Y107265, YFD2-YT2-Ex1-4, Y107265, YFD2-YT

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD2-SCD2-*Ex2.LK, KFD2-SCD2-Ex*-Y1, KFD2-STC3-Ex1*, where * = blank, -1, -2 or -3.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD2-SCD2-Ex1.LK

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD2-ST(C or V)4-Ex2*, where (* = blank or -Y(used with C), -1(used with V), -2(used with V) followed by up to 6 numbers); providing intrinsically safe circuits for Division 1, Class I, Groups A, B, C, and D; Class II, Groups E, F, and G, Class III hazardous locations, when installed in accordance with control drawing No. 116-0428

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD2-STC4-Ex2*, where * = blank or Y, followed by 6 numbers.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD2-STV3-Ex1, KFD2-STV3-Ex1-1, KFD2-STV3-Ex1-2, KFD2-STV3-Ex1-3

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD2-STV4-Ex1*, where * = a combination of numbers and letters.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFD2-STV4-Ex2*, where * = a combination of numbers and letters.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KFDO-CS-Ex1.53P, KFDO-CS-Ex2.53P

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, barriers, Model(s) HiC 2065 and HiC 2068, provides 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 manufacturer's control drawing no.116-0317.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, barriers, Model(s) KFD0-CS-Ex1.54, KFD0-CS-Ex1.54-Y2, KFD0-CS-Ex2.54, KFD

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, barriers, Model(s) KFD0-SD2-EX1.1045, KFD0-SD2-EX2.1045, KFD0-SD2-EX1.1245, KFD0-SD2-EX2.1245, KFD0-SD2-EX1.1065, KFD0-SD2-EX2.1065, KFD0-SD2-EX1.10100, providing intrinsically safe circuits 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 manufacturer's control drawing no. 116-0316.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, barriers, Model(s) KFD0-SD2-EX1.1180, provides intrinsically safe circuits for use in Class I, Groups C and D; Class II, Groups E, F and G; Class III hazardous locations when installed in accordance with manufacturer's control drawing No. 116-0316.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, barriers, Model(s) KFD2 VR4 Ex1.26 (-Y*), provides intrinsically safe circuits for use in hazardous locations - Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III when installed in accordance with control drawing 116-0316.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, barriers, Model(s) KFD2-VR-Ex1.18, KFD2-VR-Ex1.19, KFD2 VR Ex1.19 Y109129, providing intrinsically safe circuits for use in hazardous locations - Class I, Groups A, B, C, D, Class II, Groups E, F, G, Class III; when installed in accordance with control drawing 116-0173.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, barriers, Model(s) KFD2-VR2-EX1.50M, KFD2-VR2-EX1.500M, providing intrinsically safe circuits for use in hazardous locations - Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III; when installed in accordance with control Drawing No. 116-0334.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, barriers - Associated Non-incendive Field Wiring Apparatus (ANIFWA), Model(s) SK-PC-D2-UU1-10-HS, for use in Class I, Division 2, Groups A, B, C and D and providing nonincendive field wiring for Class I, Division 2, Groups A, B, C and D, Class II, Division 2, Groups F and G and Class III, Division 2 Hazardous Locations when installed per Control Drawing 116-0337.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, flexbus isolators, Model(s) RSD2-ISO-Ex.SLAVE, providing intrinsically safe circuits for use in hazardous locations - Class I, Zone 0 or 1, Groups IIC, IIB and IIA; Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III when installed in accordance with Control Drawing No. 116-0263.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, repeater modules, Model(s) KCD2-RR-Ex1, provides intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F, G; and Class III hazardous locations when installed in accordance with manufacturer's Control Drawing No. 116-0332.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, shunt diode barriers, Model(s) Z715.F, Z815.F, Z728.F, Z828.F, Z728.H.F, Z828.H.F, Z765.F, Z865.F, Z779.F, Z879.F, Z779.H.F, Z879.H.F, Z960.F, Z961.F, Z966.F, Z787.F, Z887.F, Z787.H.F, Z887.H.F, providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III when installed in accordance with Control Drawing No. 116-0355.

Associated apparatus, Class I, Division 2, Groups A, B, C and D hazardous locations, switch isolators, intrinsic safety barriers - discrete input, Model(s) KFA5-SR2-Ex*, KFA6-SR2-Ex*, KFA5-SOT2-Ex*, KFA6-SOT2-Ex*, KFA6-SOT2-Ex*, KFD2-SRA-Ex*, providing intrinsically safe circuits for use in hazardous locations - Class I, Groups A, B, C and D; Class II, Groups E, F and G, and Class III when installed in accordance with Control Drawing No. 116-0145.

Associated Apparatus, Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III, power supply for IS-RPI Systems, Model(s) RSD2-PSD2-Ex4.34.CON, RSA6-PSD-Ex4.34.CON, providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III Hazardous Locations when installed per Pepperl+Fuchs Control Drawing No. 116-0171. Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, galvanically isolated barrier, Model(s) KCD2-SCD-Ex1.HC, and KCD2-SCD-Ex1.HC.SP, provides intrinsically safe outputs for use in Class I, Division 1, Groups A, B, C, D, Class II, Division 1, Groups E, F, G, Class III, Division 1 when installed in accordance with manufacturer's control drawing no. 116-0395.

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, galvanically isolated barrier, Model(s) KCD2-STC-Ex1.HC and KCD2-STC-Ex1.HC.SP, provides intrinsically safe outputs for use in Class I, Division 1, Groups A, B, C, D, Class II, Division 1, Groups E, F, G, Class III, Division 1 when installed in accordance with manufacturer's control drawing no. 116-0394.

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, galvanically isolated barriers, Model(s) KCD2-STC-EX1.ES, followed by blank or .SP, provides intrinsically safe outputs for use in Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III, Division 1 when installed in accordance with manufacturer's control drawing no. 1160378.

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, galvanically isolated barriers, Model(s) KFD2-STC4-Ex1.ES, provides intrinsically safe outputs for use in Class I, Division 1, Groups A, B, C and D Hazardous Locations when installed in accordance with manufacturer's control Drawing No. 116-0368.

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, transmitter power supplies, Model(s) KCD2-STC-Ex1.2O, KCD2-STC-Ex1.2O.DE, KCD2-STC-Ex1.2O.ES, provide intrinsically safe circuits for use in Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F, G; and Class III, Division 1 when installed in accordance with manufacturer's Control Drawing No. 116-0380.

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B C and D, transmitter power supplies, Model(s) KCD2ST-Ex, KCD2-SOT-Ex, and KCD2-SON-Ex; followed by 1 or 2; followed by any combination of numbers and/or letters, providing intrinsically safe circuits for use in Class I, Division 1, Groups A, B, C, D; Class II, Groups E, F, G; and Class III Hazardous Locations, when installed in accordance with Control Drawing 116-0374.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, Model(s) LB6108A and LB6108C, provides intrinsically safe outputs for use in Class I, Groups A, B, C & D, Class II, Groups E, F, & G and Class III and Hazardous Locations when installed in accordance with manufacturer's control drawing no. 116-0323.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, analog input modules, Model (s) LB-3101, LB-3102, LB-3103, LB-3104 and LB-3105, associated apparatus providing 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 connected in accordance with Drawing No.116-0351.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, analog output modules, Model (s) LB-4101, LB-4102, LB-4104 and LB-4105, associated apparatus providing 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 connected in accordance with Drawing No. 116-0352.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, digital input modules, Model(s) LB-1101, LB-1102, LB-1103, LB-1104 and LB-1108, providing 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 connected in accordance with Drawing No. 116-0320.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, digital output modules, Model (s) LB-2101, LB-2102, LB-2103, LB2104, LB-2105, LB-2112 and LB-2113, associated apparatus providing 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 connected in accordance with Drawing No. 116-0321.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, I/O Modules, Model(s) LB1109, followed by one character, where the character can be A thru Z, associated apparatus providing intrinsically safe circuits for use in Class I, Division 1, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No. 116-0402.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, I/O Modules, Model(s) LB2116, LB2117, LB6116, LB6117, followed by one character, where the character may be A through Z; I/O modules, associated apparatus providing intrinsically safe outputs for Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; and Class III Hazardous Locations when installed per Drawing No. 116-0426.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, I/O-Modules, Model(s) LB3101 LP, associated apparatus providing intrinsically safe circuits for use in Class I, Division 1, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No. 116-0372.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, I/O-Modules, Model(s) LB3101, LB3102, LB3103, followed by two characters, where the first character can be A thru Z and the second character is 2, associated apparatus providing intrinsically safe circuits for use in Class I, Division 1, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No. 116-0372.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, I/O-Modules, Model(s) LB3104 and LB3105, followed by two characters, where the first character can be A thru Z and the second character is 2, associated apparatus providing intrinsically safe circuits for use in Class I, Division 1, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No. 116-0360.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, I/O-Modules, Model(s) LB7104, LB4106, LB3106, followed by one character, where the character can be A thru Z and LB4101, LB4102, LB4104, LB4105 followed by two characters, where the first character can be A thru Z and the second character is 2 and LB 3102 A1; associated apparatus providing intrinsically safe circuits for use in Class I, Division 1, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No.'s 116-0353, 116-0358, or 116-0359.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, RTD transmitter modules, Model(s) LB-5101 and LB-5104, associated apparatus providing 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 connected in accordance with Drawing No. 116-0322.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, TC transmitter modules, Model (s) LB-5102 and LB-5105, associated apparatus providing 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 connected in accordance with Drawing No. 116-0322.

Associated apparatus, nonhazardous location or Class I, Division 2, Groups A, B, C and D, voltage converter modules, Model(s) LB-5106, associated apparatus providing 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 connected in accordance with Drawing No. 116-0322.

Associated apparatus, nonhazardous locations, Model(s) HiCT followed by B or F; followed by 08, 16, or 32; followed by three alphanumeric characters; may be followed by two alphanumeric characters; may be followed by up to six alphanumeric characters; followed by two to four alphanumeric characters; followed by CC, SC, SP, PL or PF; may be followed by up to six alphanumeric characters, may be followed by Y plus one numeric character. Termination Boards providing intrinsically safe circuits for use in hazardous locations, Class I, Group A, B, C, and D; Class II, Groups E, F, and G; Class III when installed in accordance with Control Drawing no. 116-0327

Associated apparatus, nonhazardous locations, control relays, Model(s) WE77/EX1, WE77/EX2, providing intrinsically safe circuits 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 control drawing 116-0115.

Associated apparatus, nonhazardous locations, field barrier control nets, Model(s) RS-FB-Ex2.CN, provides intrinsically safe circuits for use in hazardous locations Class I, Groups A, B, C and D, Class II, Groups E, F and G, Class III when installed per Pepperl+Fuchs Control Drawing No. 116-0171.

Associated Apparatus: Non Hazardous Locations and Class I, Division 2, Groups A, B, C, and D hazardous locations., Model(s) KCD0-SD-Ex1.1245 may be followed by.SP barrier, provides intrinsically safe circuits for use hazardous locations, Class I, Groups A, B, C and D; Class II, Groups E, F, G; and Class III when installed in accordance with manufacturer's Control Drawing No.116-0420, which may be followed by an alpha character to signify the revision level.

Associated Apparatus: Non Hazardous Locations and Class I, Division 2, Groups A, B, C, and D hazardous locations., Model(s) KCD2-STC-Ex1, KCD2-SCD-Ex1, KCD2-SR-Ex1.LB, KCD2-SR-Ex2 may be followed by.SP barriers, provides intrinsically safe circuits for use hazardous locations, Class I, Groups A, B, C and D; Class II, Groups E, F, G; and Class III when installed in accordance with manufacturer's Control Drawing No. 116-0420, which may be followed by an alpha character to signify the revision level.

Associated apparatus; Class I, Division 2, Groups A, B, C and D hazardous locations, Model(s) KLD2, followed by followed by -PC, followed by a number, followed by a period, followed by a number, followed by IEC.

Associated apparatus; Class I, Division 2, Groups A, B, C and D hazardous locations, barriers, Model(s) KFD2-CD2-Ex1, KFD2-SCD2-Ex1.LK, providing intrinsically safe circuits for use in hazardous locations - Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III when installed in accordance with control drawing 116-0345.

Associated apparatus; Class I, Division 2, Groups A, B, C and D hazardous locations, barriers, Model(s) KFDO-SD-Ex1.6.100.SP, provides intrinsically safe circuits for use hazardous locations - Class I, Groups C and D; Class II, Groups E, F and G and Class III, when installed in accordance with manufacturer's control Drawing No. 116-0278. Associated apparatus; Class I, Division 2, Groups A, B, C and D hazardous locations, shunt diode barriers, Model(s) Z713, Z813, providing intrinsically safe circuits for use in hazardous locations, Class I, Groups, A, B, C and D; Class II, Groups E, F and G; Class III when installed in accordance with Control Drawing No. 116-0140.

Associated apparatus; Class I, Division 2, Groups C and D hazardous locations, , non-incendive barriers, Associated Nonincendive Field Wiring Apparatus (ANIFWA), Model(s) SK-PC-D2-UN2-10-HS and SK-PC-D2-RN2-10-HS, for use in Class I, Division 2, Groups C and D and providing nonincendive field wiring for Class I, Division 2, Groups C and D, Class II, Division 2, Groups F and G and Class III, Division 2 Hazardous Locations when installed per Control Drawing 116-0337.

Class I, Division 1, Groups A, B, C and D, Model(s) PG-ERA-AN-C1D1-6000-Y307774

Class I, Division 1, Groups A, B, C and D enclosure leakage sensors, Model(s) ELS-1***

Class I, Division 1, Groups A, B, C and D, Wireless Communicator, Viator Bluetooth Interface, Model(s) 010041, intrinsically safe when used with three Energizer Part No. EN92 alkaline batteries and in accordance with Control Drawing 116-B033.

Class I, Division 2, Groups A, B, C and D, "Associated apparatus", Model(s) HiCTB08-SCT-44C-SC-RA, HiCTB16-SCT-44C-SC-RA, HiCTB16-SDC-24C-SC-RA, HiCTF16-HON-FC-RIO16-SD-PF, HiCTF16-HON-SC-UNI16-SD-PF

Class I, Division 2, Groups A, B, C and D , "KFD2-ST Series Smart Transmitter", Model(s) KFD2-STa5-bc 'a' can be C or V, 'b' can be 1 or 1.20 or 2, 'c' can be -1 or -2 or .H or .NCL or - Yn where "n" may be any alphanumeric number or -XXX where "XXX" may be any alphanumeric characters.

Class I, Division 2, Groups A, B, C and D , "KFD2-ST Series Smart Transmitter", Model(s) KFD2-STd5-Exf 'd' can be C or V, 'f' can be 1 or 1.20 or 2, may be followed by -1 or -2 or .H or .NCL or - Yn where "n" may be any alphanumeric number or -XXX where "XXX" may be any alphanumeric characters.

Class I, Division 2, Groups A, B, C and D, Model(s) KCD0-SD3-Ex1.* * indicates 1065, 1045 or 1245, followed with blank or any characters to indicate different versions having no influence on safety, followed with blank or any characters to indicate different versions having no influence on safety.

Class I, Division 2, Groups A, B, C and D, Model(s) KCD2-SLD-Ex1.* * indicates 1065, 1045 or 1245, followed with blank or any characters to indicate different versions having no influence on safety, followed with blank or any characters to indicate different versions having no influence on safety.

Class I, Division 2, Groups A, B, C and D, Model(s) KFD0-CS-Ex1.50P, KFD0-CS-Ex1.51P, KFD0-CS-Ex2.50P, KFD0-CS-Ex2.51P

Class I, Division 2, Groups A, B, C and D associated apparatus, "associated apparatus", Model(s) KFD2-SOT3-Ex followed by 1 or 2 may be followed by an arbitrary number of alphanumeric characters

Class I, Division 2, Groups A, B, C and D associated apparatus, "associated apparatus", Model(s) KFD2-SR3-Ex2.2S may be followed by an arbitrary number of alphanumeric characters

Class I, Division 2, Groups A, B, C and D associated apparatus, "associated apparatus", Model(s) KFD2-ST3-Ex followed by 1 or 2 may be followed by an arbitrary number of alphanumeric characters

Class I, Division 2, Groups A, B, C and D Associated Apparatus, Model(s) KCD2-SCD-Ex1 may be followed by .SP, may be followed by additional alphanumeric characters.

Class I, Division 2, Groups A, B, C and D Associated Apparatus, Model(s) KCD2-STC-Ex1 may be followed by .SP, may be followed by additional alphanumeric characters.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Model(s) KFD2-CD-Ex1.32 may be followed by blank or -0 or -1, -2, -3, -5, -6, -8, -9, -10, -12, -13, -15, -21. Provides intrinsically safe outputs for use in Class I, Division 1, Groups A, B, C, D, Class II, Division 1, Groups E, F, G, Class III, Division 1, Hazardous Locations when installed in accordance with manufacturers control drawing 116-0441.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Model(s) Model KFD2-ST, may be followed by C or V, followed by 5-Ex, may be followed by 1 or 1.20 or 2, may be followed by -1, -2, .H, .NCL, -Yn where n may be any alphanumeric character or XXX where X may be any alphanumeric character, provides intrinsically safe outputs for use in Class I, Division 1, Groups A, B, C, and D, Class II, Division 1, Groups E, F, and G, Class III, Division 1, Class I, Zone 0, Group IIC, Hazardous Locations when installed in accordance with manufacturers control drawing no. 116-0439.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z705 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z710 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z710.CL providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z713 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z715 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z715.1K providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z715.CL providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z722 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z722.CL providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z726 providing intrinsically safe circuits for use in Class I, Groups C, D, Class II, Groups E, F, G, Class III and providing non-incendive circuits for use in Class I, Division 2, Groups C and D, Class II, Division 2, Groups F and G, and Class III, Division 2, hazardous locations when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z728 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z728.CL providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z728.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z755 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z757 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z763 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z764 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z765 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z772 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z778 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z779 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z779.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z786 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z787 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z787.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z788 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z788.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z788.R providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z788.R.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z796 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z796.L providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z805 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z810 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z810.CL providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z813 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z815 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z815.1K providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z815.CL providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z822 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z822.CL providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z828 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z828.CL providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z828.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z855 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z857 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z864 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z865 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z872 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z878 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z879 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z879.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z886 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z887 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z887.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z888 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z888.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z888.R providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z888.R.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z896 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z896.L providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z905 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z910 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z915 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z915.1K providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z928 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z954 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z955 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z960 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z961 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z961.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z964 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z965 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z966 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z966.H providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z967 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z969 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z972 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, Shunt diode barrier, Model(s) Z978 providing intrinsically safe circuits for use in hazardous locations, Class I, Groups A, B, C and D: Class II, Groups E, F and G: Class III or providing non-incendive circuits for use in hazardous locations, Class I, Division 2, Groups A, B, C, and D: Class II, Group F and G: Class III, when installed in accordance with Control Drawing No. 116-0139.

Class I, Division 2, Groups A, B, C and D Associated apparatus, switch isolators, Model(s) KFD2-SR2-Ex1.W providing intrinsically safe circuits for use in hazardous locations - Class I, Groups A, B, C and D, Class II, Groups E, F and G, and Class III when installed in accordance with Control Drawing No. 116-0145.

Class I, Division 2, Groups A, B, C and D Associated apparatus, switch isolators, Model(s) KFD2-SR2-Ex1.W.LB providing intrinsically safe circuits for use in hazardous locations - Class I, Groups A, B, C and D, Class II, Groups E, F and G, and Class III when installed in accordance with Control Drawing No. 116-0145.

Class I, Division 2, Groups A, B, C and D Associated apparatus, switch isolators, Model(s) KFD2-SR2-Ex2.W providing intrinsically safe circuits for use in hazardous locations - Class I, Groups A, B, C and D, Class II, Groups E, F and G, and Class III when installed in accordance with Control Drawing No. 116-0145.

Class I, Division 2, Groups A, B, C and D Associated apparatus, switch isolators, Model(s) KFD2-SR2-Ex2.W.SM providing intrinsically safe circuits for use in hazardous locations - Class I, Groups A, B, C and D, Class II, Groups E, F and G, and Class III when installed in accordance with Control Drawing No. 116-0145.

Class I, Division 2, Groups A, B, C and D open type process control equipment, "associated apparatus", Model(s) KFD2-SR3-2.2S may be followed by an arbitrary number of alphanumeric characters

Class I, Division 2, Groups A, B, C and D Relay Module, Model(s) KCD0-RSH-1.1D.1, KCD0-RSH-1.1D.4, KCD0-RSH-1.1E.1, KFD0-RSH-1.1D.F1, KFD0-RSH-1.1E.1

Class I, Division 2, Groups A, B, C and D Signal Conditioners, Model(s) KFD2-CD-1.32 may be followed by blank or -0 or -1, -2, -3, -5, -6, -8, -9, -10, -12, -13, -15, -21

Class I, Division 2, Groups A, B, C and D, diagnostic modules, Model(s) HD2-DMB

Class I, Division 2, Groups A, B, C and D, mother boards, Model(s) MB-FB1, MB-FB1R, MB-FB2R, MB-FB2R, MB-FB4R, MB-FB4R

Class I, Division 2, Groups A, B, C and D, power supply modules, Model(s) HD2-FBCL-1.500, HD2-FBPS-1.17.500, HD2-FBPS-1.23.500, HD2-FBPS-1.500

Class I, Division 2, Groups C and D segment protectors, Model(s) R2-SP-IC***, for use in Class I, Division 2, Groups C and D or Class I, Division 2, Groups A, B, C and D Hazardous Locations providing Non-Incendive field wiring connections for Class I, Division 2, Groups C, D; Class II, Groups F and G or Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G when installed in accordance with Control Drawing No. 116-0406.

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III, "IS-RPI System", Model(s) RSD-CFA-Ex.CN Copper Fiber Adapter Module, RSD-GW-Ex1.PA ControlNet Gateway Module, RSD-GW-Ex1.MOD ControlNet Gateway Module, RSD-GW-Ex2.CN ControlNet Gateway Module, RS-TB-Ex.SC Terminal Base, RS-TB-Ex.SP Terminal Base, RSD-BI-Ex16 Discrete Input Module, RSD-BO-Ex4 Discrete Output Module, RSD-CI-Ex8 Analog Input Module, RSD-CI2-Ex8 Analog Input Module, RSD-BO-Ex8 Discrete Output Module, RSD-CO-Ex8 Analog Output Module, RSD-UO-Ex8 Universal Output Module, RSD-FI-Ex2 Frequency Input Module, RSD-CTI-Ex2 Frequency Input Modules, RSD-TI-Ex8 Temperature Input Module, RSD-TI2-Ex8 Temperature Input Module, RSD-FC-Ex.2.CN.3km Fiber Coupler Module, RSD-CI-Ex8.H Analog Input Module, RSD-BO-Ex8.H Discrete Output Module, RSD-CO-Ex8.H Analog Output Module, RSD-UO-Ex8.H Universal Output Module providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III Hazardous Locations when installed per Pepperl & Fuchs Control Drawing No. 116-0171.

Hazardous Locations, Class I, Div. 2 Groups A, B, C, and D ;Power Rail, Model(s) UPR-03 and UPR-05

Hazardous Locations, Class I, Div. 2 Groups A, B, C, and D; Redundant Power Feed modules, Model(s) Models KFD2-EB2.R4A.B, and KFD2-E2-R4A.B.SP

Hazardous Locations, Class I, Div. 2 Groups A, B, C, and D ; Power Feed modules, Model(s) Models KFD2-EB2, and KFD2-EB2.SP

Non-hazardous Locations or Class I, Division 2, Groups A, B, C and D, backplane segments, Model(s) LB-9022, LB-9023, LB-9024, LB-9025, LB-9026, LB-9027, LB-9029, LB-9035

Non-hazardous Locations or Class I, Division 2, Groups A, B, C and D, communication interface modules, Model(s) ISCM8100, LB-8105, LB-8106, LB-8107, LB-8108, LB-8109, LB-8110, LB-8111, LTBM 8001

Non-hazardous Locations or Class I, Division 2, Groups A, B, C and D, fieldbus, Model(s) R2-SP-N, R2-SP-N10, R2-SP-N12, R2-SP-N4, R2-SP-N6, R2-SP-N8

Non-hazardous Locations or Class I, Division 2, Groups A, B, C and D, flexbus isolators, Model(s) RS-ISO.MASTER

Non-hazardous Locations or Class I, Division 2, Groups A, B, C and D, modular segment protectors, Model(s) RM-SPEM-N4, RM-SPTM-N2

Non-hazardous Locations or Class I, Division 2, Groups A, B, C and D, power supply modules, Model(s) LB-9006C

Non-hazardous Locations or Class I, Division 2, Groups A, B, C and D, programmable controllers, Model(s) VAA or VBA followed by 4, followed by E, A, EA, E3A, or E4A, followed by K2, K3, KE, KE2, KF, or KF2, may be followed by E2, WS, Z, ZE, ZE/R, ZE/E2, Z/E2, ZEJQ, E2L, ZEJQ/E2L, or Z/R, may be followed by a combination of letters and/or numbers.

Non-hazardous Locations or Class I, Division 2, Groups A, B, C and D, relay output modules, Model(s) LB-6005, LB-6006, LB-6101A, LB-6101H

Non-hazardous Locations or Class I, Division 2, Groups A, B, C and D, signal conditioners, Model(s) KFD2-CD-1.32, KFD2-CD-1.32-1, KFD2-CD-1.32-12, KFD2-CD-1.32-13, KFD2-CD-1.32-15, KFD2-CD-1.32-2, KFD2-CD-1.32-4, KFD2-CD-1.32-6, KFD2-CD-1.32-8, KFD2-ST-Ex1, KFD2-ST-Ex2, KFD2-STC4-1, KFD2-STC4-1.20, KFD2-STV4-1-1, KFD2-STV4-2-1, KFD2-UT-1, KFD2-UT-1-1

Process Control Equipment for use in Hazardous Locations, Class I, Division 2 Groups A, B, C, D, Model(s) LB81; followed by 20, 21, 22, 30 or 35; followed by .1; followed by .EL; followed by any alphanumeric.

Programmable Controllers for use in Hazardous Locations, Class I, Division 2 Groups A, B, C, D, Model(s) S1SD-1AI-1C.H, S1SD-1AI-1U, S1SD-1AI-1U.1, S1SD-1AI-1U.2, S1SD-1AI-1U.3, S1SD-1AI-2C, S1SD-1AI-2U, S1SD-1TI-1U, S1SD-2PF, S1SL-1AI-1C, S1SL-2AI-2C

Model(s) KFD2-RSH-1.2D.FL2, KFD2-RSH-1.2E.L2

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