

CERTIFICATION RECORD

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

File No: 011714 C 000

Class No: 3218 02 INDUSTRIAL CONTROL EQUIPMENT Motor Controllers - Auxiliary Devices-For Hazardous Locations

SUBMITTOR

4501218 Killark Electric Manufacturing Co.
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St. Louis, MO 63115-0325
USA

FACTORY

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June 6, 2001(Replaces:June 30,1999)

Class I, Groups B, C And D; Class II, Groups E, F and G; Class III; Types 3and 4 (where applicable):

Accessories:

- Single push-button operators, Series G01, rated 600V (ac) max.
- Dual push-button operators, Series G02, rated 600V (ac) max.
- Pilot light operators, Series G0B3, rated 120V max, 3W max.
- Push-button pilot light, Series G0B4, rated 120V max, 3W max.
- Selector Switches, Series G05, rated 600V (ac) max.
- Circuit breaker handle Series Cat Nos: EXH1A6, EXH1A8, EXH1A10, EXH1B8, EXH1B10, EXH2C8, EXH2C10 and EXH3E10.
- Rotating shaft operator, Series Cat No G050; Stationary shaft operator, Series Cat No G051. Notes: 1. With suffix to denote electrical and mechanical variations. 2. Devices are Certified for use in other Certified equipment where the final combination acceptance is determined by CSA or Local Inspection Authority. 3. Installation Instructions are packed with each device.

Class I, Groups B, C and D; Class II, Groups E, F, and G; CSA Encl. 3, 4 and 4X:

- Single push-button operators, Series GO1-N34 and GOL1, rated 600V (ac) max.
- Dual push-button operators, Series GO2-N34, GOL2 and GOR11-N34, rated 600V (ac) max.
- Pilot light operators, Series GOB3-N34 and GOL3, rated 120V max, 3W max.
- Push-button pilot light operators, Series GOB4-N34 and GOL4, rated 600V (ac) max and 120V, 3W max.
- Selector switch operators, Series GO5-N34, GOL5, GO6-N34, GOL6, GO7-N34, GOL7, GO14-N34, GOL14, GO15-N34 and GOL15, rated 600V (ac) max.
- Keyed selector switch operators, Series GO8-N34, GOL8, GO36-N34, GOL36, GO38-N34, GOL38, GO39-N34 and GOL39, rated 600V (ac) max.

- Potentiometer switch, Series GO113-N34, GOL113, GO114-N34 and GOL114, rated 4W max, 42.4V peak, 30V rms, 42.4V (dc).
- Snap switch operators, Series GO10-N34, rated 250V (ac).
- Accessory type operators, Series GO-RST, GOL-RST, GO-SP, GOLSP. Notes: 1. With suffix to denote electrical and mechanical variations. 2. Devices are Certified for use in other Certified equipment where the final combination acceptance is determined by CSA or Local Inspection Authority.

Class I, Groups B, C and D; Class II, Groups E, F and G; CSA Encl. 3 and 4(where applicable):

- Control station with 3-1/2 in by 4 in max window and up to 6 control devices, 2 in max conduit size, Cat Nos EXB-8106 and EXB-8104 with or without suffix N34, rated in accordance with the enclosed devices, 600V max. Note: Control devices are Killark Certified Series G accessories.
- Control stations, Series EXB, with or without auxiliary devices (91 max) and/or rectangular (5 x 9 in max) or round (GL-275,-300, -375, 537, 600, 775) windows, Series Cat Nos EXB-664, -886, -8104, -8106, -8126, -8128, -10106, -10108, -10146, -10148, -12126, -12128, -12186, -12188, -12246, -12248, -122412, -12368, -123610, -14146, -14148, -16166, -16168, -16248, -162410, -18186, -18188, -18248, -182410, -18368, -183610, -203611, -24248, -242410, -24368, -243610; max conduit size 6 in. Notes: 1. Series EXB control stations may be furnished with blank mounting pans and Certified terminal blocks (secured to mounting pan). 2. Control stations are equipped with hinged covers. 3. Control stations may be provided with submittor's Certified Series "G" auxiliary devices (e.g. pushbuttons, pilot lights, selector switches, etc), rated 600V max. 4. Instruction sheets packed with each unit. 5. Series EXB control stations when followed with suffix N34 denotes Encl. Types 3 and 4. 6. The overall hazardous location designation is governed by the lowest hazardous location rating of any auxiliary device used. Series EXB control stations Cat No may be followed with suffix "SPM" followed by digits denoting mechanical variations.

Class I, Groups C and D; Class II, Groups E, F and G:

- Control station with 3-1/2 in by 4 in max glass window and up to 8 control devices or device operators, 2 in max conduit sizes, Cat No EXB-8106, with or without suffix N34, rated in accordance with the enclosed devices, 600V max. Notes: 1. Control devices/device operators are Killark Certified Series G accessories or other Killark accepted control devices/device operators. 2. Max number of control devices/device operators mounted in the enclosure cover:
- Up to (6) for operators with 3/4 in - 14 NPSM mounting thread;
- Up to (8) for operators with 3/4 in - 16 UNF mounting thread;
- Up to (7) for combination of operators above. 3. Control stations, equipped with device operators only, are Certified for use with suitable contact blocks where the final combination acceptance is determined by CSA or Local Inspection Authority.

Class I, Groups C, D; Class II, Groups E, F, G; Class III; (Factory Sealed):

- Control push-button stations and selector switches (auxiliary devices), single and double gang Series FXCS, heavy duty, spring return, 600V ac max. Cat No FXCS-1B to -12B followed by Suffixes 1 to 7 or 4-U, may be followed by LO, MG, MK or MR. FXCS-1S to -12S followed by Suffixes 2 or 3, followed by A, C, L, M, R, followed by 1, 3, 4, 5, 6 with or without F, G, may be followed by LOP. FXCS-1K to -12K followed by Suffixes 2 or 3, followed by A, C, L, M, R, followed by 1, 3, 4, 5, 6 with or without F, G, with or without 22D, 32D, may be followed by LOP; XCS-O, followed by MRM3.
- Control mushroom pushbutton station, maintained push-pull type, Series XCS, Cat Nos XCS-14; -18 through -21, -31 through -38, followed by MRM3.

- Pilot light stations, single and double gang Series FXCS, No FXCS-1B to -12B followed by Suffixes 24 or 30, followed by -AL, -BL, -CL, -FL, -GL, or -RL.
- Combination push-button and pilot light stations, single and double gang Series FXCS; Cat No FXCS-1 to -12, followed by A15, A16, B13-C, B13-O or B13-U, may be followed by one or more of AL, BL, CL, FL, GL, RL, LO.

Class I, Groups C, D; Class II, Groups, E, F, G; Class III, Encl 3 and 4(FactorySealed) (Component Packaged):

- Cover sub-assemblies may be shipped separately and are intended to be assembled during installation with "Killark" Cat No FXB-1 to -12 splice boxes.
- Cover sub-assemblies, "FACTORY SEALED", push-button, selector switches stations, pilot light stations, combination push-button pilot light stations, Series FXCS, Cat No FSCS-0 followed by Suffix A or B, followed by 1 to 7, 4-U, 13-C, 13-O, 13-U, 15, 16, 24, 30, with or without one or more of AL, BL, CL, FL, GL, RL, MG, MK, MR, LO; Cat No FXCS-0 followed by 2 or 3, followed by A, C, L, M or R, followed by 1, 3, 4, 5, 6, followed by F or G, may be followed by 22D or 32D, may be followed by LOP.

Class I, Groups C and D; Class II, Groups E, F and G; Class III (Component Packaged):

- Control push-button stations and selector switch stations, single, double or multi-gang, Series XCS, heavy duty, 600V ac max, Cat No XCS-1 to -14, -17 to -21, -31 to -38, -41 to -46, followed by A, B, M, followed by 1 to 9, 4-U, may be followed by one or more Suffixes LO, MG, MK, MR. Cat No XCS-1 to -14, -17 to -21, -31 to -38, -41 to -46, followed by K or S, followed by 2 or 3, followed by A, C, L, M, R, followed by 1, 3, 4, 5, 6, may be followed by F or G, may be followed by 22D or 32D, may be followed by LOP.
- Pilot light stations, single, double or multi-gang, Series XCS, 120V ac max, Cat Nos XCS-1 through -14, -17 thru -21, -31 thru -38, -41 through -46; followed by Suffix B, followed by 24 or 30, followed by AL, -CL, -GL, -RL, -BL, -FL.
- Combination push-button and pilot light stations, single, double or multi-gang, Series XCS, Cat No XCS-1 through -14, -17 through -21, -31 through -38, -41 through -46; followed by Suffixes A and B, followed by 13 or 15; followed by Suffixes -C, -O, -U, may be followed by one or more of AL, BL, CL, FL, GL, RL, LO.
- Cover sub-assemblies; may be shipped separately and are intended to be assembled during installation with "Killark" splice boxes, Series SWB, single, double or multi-gang, Cat Nos SWB-1 through -14; -17 through -21; -31 through -38; -41 through -46, 48 and 49; feed-through or dead end, « in to 1-1/2 in hub size.
- Cover sub-assemblies; push-button, selector switches, combination push-button and pilot light, and pilot light stations; Series XCS, Cat Nos XCS-O followed by Suffixes A, B, M, followed by 1 to 9, 4-U, 13-C, 13-O, 13-U, 15, 24, 30, may be followed by one or more of AL, BL, CL, FL, GL, RL, LO, MG, MK, MR, Cat Nos XCS-O, followed by Suffixes K or S, followed by 2 or 3, followed by A, C, L, M, R, followed by 1, 3, 4, 5, 6, may be followed by F or G, may be followed by 22D or 32D, may be followed by LOP.
- Pilot light stations, single gang, Series XCS, rated 120V ac max; Cat Nos XCS-15, -16; followed by Suffix B; followed by 30 or 159; followed by -AL, -BL, -CL, -FL, -GL or RL.
- Push-button stations, single gang; Series XCS, rated 600V ac max, heavy duty, Cat Nos XCS-15, -16, followed by A179, 179A, A183, A183A or B9, may be followed by LO.
- Combination push-button pilot light stations, single gang; Series XCS; Cat Nos XCS-15, -16; followed by Suffix B; followed by 17 or 18; followed by AL, BL, CL, FL, GL or RL, may be followed by LO.

- Cover sub-assemblies, push-button, pilot light and combination push-button pilot light stations, Series XCS, Cat Nos XCS-0, followed by A179, A179A, A183, A183A, B9, B17, B18, B30 or 159, with or without AL, BL, CL, FL, GL or RL, may be followed by LO.
- Splice boxes, Cat Nos SWB-15, -16, single gang, 1-1/2 in hub max.

Class I, Groups C, D; Class II, Groups E, F, G; Class III:

- Single push-button station or selector switch with or without return spring, manually operated, air-break type, 600V ac max, heavy pilot duty, or single pilot light, 4W, 120V max without transformer; Series GCS, single gang, Cat No GCS followed by Suffixes 131 or 141, indicating enclosure size and one Series G operator out the back.
- Control stations consisting of Series G operators in enclosures, Series SWBC-1 to -14 incl., -17 to -21 incl., -31 to -38 incl., SWBC-1 to -21 incl.; Series XB, XJB, Cat Nos XB to 123610 max, XJB to 164812 max and 204010 max; with or without Series GL lens covers; for Series G operators and GL lens covers, see detailed listing elsewhere in these cards.

Note: Enclosure assemblies may have Cat designation "SPM" followed by digits.

- Control stations, Cat Nos SPM25107, SPM 25108, SPM25659 and SPM25660. Max conduit size 1-1/2 in.
- Control stations, Series GCS, with or without auxiliary devices (5 max.), Series Cat Nos: GCS-13, -131, -14, -141, -15, -152, -16, -163, -83, -834, -85 and -835. Maximum conduit size 1-1/4 in.

Class I, Groups C and D; Class II, Groups E, F and G; Class III, Encl 3 and 4:

Accessories:

- Single push-button operators, Cat Nos SPH-13818 and -13819, rated 600V (ac) max.
- Selector switches, Cat Nos SPH-13816 and -13817, rated 600V (ac) max. Note: Devices are Certified for use in other Certified equipment where the final combination acceptance is determined by CSA or Local Inspection Authority.

Class I, Groups C and D; Class II, Groups E, F and G; Class III; Encl. 3 and 4:

- Control station with 8 in dia glass window and 1 or 2 control devices, 4 in max conduit size, Cat No SPM-14090, rated in accordance with enclosed devices, 600V ac max. Note: Control devices are Killark Series G, Cat Nos G01, G02, G0B3, G05 or G037, followed by numbers and letters indicating specific mechanical and electrical configurations, followed by suffix N34 indicating suitability for CSA Encl 3 and 4 applications.

Class I, Groups C, D; Class II, Groups E, F, G; Class III; Encl. 3 and 5:

- Industrial power shaft operator, Model G018, for installation in junction boxes Series "XB" and "XJB" Certified for Class I, Groups C and D; Class II, Groups E, F and G; Class III and Series "DB" Certified for Class II, Groups E, F and G, Class III.

Class I, Group D; Class II, Groups E, F, G; Class III:

- Push-button stations and/or selector switches with or without return spring, manually operated, air break type, 600V ac max; heavy pilot duty and/or pilot lights, 4, 120V max, without transformer.
- Series GCS, single gang, two or three operator devices, Cat No GCS followed by Suffixes 152 or 163, indicating enclosure size and number of Series "G" operators out the back.
- Control stations consisting of Series "G" operators in enclosure Series SWBC-15, -16. For Series "G" operators, see detailed listing elsewhere.

Class II, Groups E, F and G; Class III:

- Control stations consisting of Series "G" operators in enclosures, Series DB, with or without Series "GL" and/or "GLX" lens covers. For Series "G" operators and "GL" and/or "GLX" covers, see detailed listing elsewhere in these cards. Note: Series "G" operators and "GL" and/or "GLX" lens covers:
- Series "G" push-button stations including illuminated selector switches, including key operated, with or without spring return, manually operated air break type; pilot lights, factory sealed; contacts rated heavy duty, 600V ac, lamp 4W, 120V max; Forms G01, G021; G02, G022; G03, G04; G05, G025; G06, G026; G07, G027; G08, G028; G012, G032; G014, G034, G015, G035; G036, G056; G037, G057; G038, G058, G039, G059, CO18, G010, G030, G020, G040, G016, G017, G019, G0113, G0114, G0113, G0134.
- Series GL/GLX lens covers: Cat No GL or GLX, followed by -275, -300, -375, -537, -600, -775, in diameters 4-5/16 in through 10-1/4 in respectively.

Class I, Div 2 Groups C and D; Class II, Div 2 Groups F and G; Class III; CSAEncl 3, 4 and 5:

- Series HCD non-metallic pushbutton and selector switch operators rated 600V ac max.
- Series HCD non-metallic pilot lights, rated 600V ac max, Temp Code T3C (160C).
- Series HCD non-metallic pilot lights, Series CRSH non-metallic covers, Series PWB non-metallic boxes (component packaged) when assembled rated 600V ac max 10A.

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