

# NKPZ.E12158 - MOTOR CONTROLLERS, FLOAT- AND PRESSURE-OPERATED

## Motor Controllers, Float- and Pressure-operated

See General Information for Motor Controllers, Float- and Pressure-operated

### SCHNEIDER ELECTRIC USA, INC.

8001 KNIGHTDALE BLVD  
KNIGHTDALE, NC 27545-9023 USA

E12158

Trademark and/or Tradename: "SCHNEIDER ELECTRIC USA INC", "SQUARE D CO",



**Class 9012, "Dual stage switches"**, Model(s) Type DCW-IS2, -5, -5S3, -8, -8S2, -8S13, -8S14, -8S15, -9, with or without form A1, B2, B4, B5, D1, D3, E1 to E6, E12, E14, F, G1, G2, G5, G6, H1 through H8 incl., K, O1, P1, P2, P3, P4, Q, Q1, U5, V, Z, Z1, Z4, Z12, Z16; or W1, added separately or in combination with A1, A4, B2, B4, B5, F, H1 through H8, K, O1, P1, P2, P3, P4, Q, Q1, U5, V, Z, Z1, Z4, Z12, Z16; or W2 added separately or in combination with A1, A4, B2, B4, B5, E12, E14, F, H1 through H8 incl., K, O1, P1, P2, P3, P4, Q, Q1, U5, V, Z, Z1, Z12, Z16. All above types may be with or without Series B

**Class 9012, "Enclosed pressure-actuated switches"**, Model(s) Types GAW, GBW, GCW, GDW, GEW, GFW, GGW, GHW, GJW, and GKW, GLW, GMW may be followed by M followed by 1 through 6 or 21 through 26, followed by Series C. All above may be followed by Forms B2, B4, E2, E3, E4, F, G17, G18, G19, G20, G21, G22, H3, H10, H11, H12, H13, H14, H15, H16, H17, K, K1, M14, O1, Q1, Q3, Q4, Q5, Q13, Q14, V1, V2, Z, Z12, Z16, Z18 added separately or in any combination May be used with pilot light conversion kits, Class 9998, Type 306, 307, or 308

**Class 9012, "Float- and pressure-operated switches"**, Model(s) Type ADW-3, -3S1 through -3S7, -3S9, -3S11 through -3S19, -4, -4S2, -4S3, -4S6 through -4S11, -5, -5S1 through -5S5, -6, -6S1, -6S2, -7, -7S1, -7S2, -8, -8S1, -8S2, -9, -9S1, -23, -23S1, -24, -24S1, -24S2, -25, -25S1, -26, -26S1, -27, -28, -29, with or without forms B2, B4 and -B5, D1, D2, D3, D5, E1, E2, E3, E4, E12, E14, F, G1, G2, G5, G6, H1 through H8, K, P1, U5, V, W1, W2, Z4, Z12, added separately or in any combination except forms E1, E2, E3, E4 may not be used with form W1, may be used with pilot light kits Class 9998, Type PC276, PC278 or PC279

**Class 9012, "Open and enclosed pressure-operated switches"**, Model(s) Types GNG, GNO, GRG, GRO, followed by -1 through -5

**Class 9012, "Pressure-operated switches"**, Model(s) Type AKW-1, -1S1, -1S2, -1S3, with or without Forms B2, B4, B5, D1, D3, E1 to E6, E12, E14, F, G1, G2, G5, G6, H1 to H8, K, O1, P1 to P4, Q, Q1, U5, V, Z4, Z12, Z13, Z16 added separately or in any combination; Form W1 added separately or in any combination with B2, B4, B5, D1, D3, F, G1, H1 to H8, K, O1, P1 to P4, Q, Q1, U5, V, Z4, Z12, Z13, Z16, Form W2 added separately or in any combination with B2, D1, D3, E12, E14, F, H1 through H8, K, O1, P1 through P4, Q, Q1, U5, V, Z4, Z12, Z13, Z16, may be used with pilot light kits, Class 9998, Types PC276, PC278, or PC279.

**Class 9012, "Pressure-operated switches"**, Model(s) Types GAW, GBW, GCW, GDW, GEW, GFW, GGW, GHW, GJW, and GKW followed by 1 through 7 or 21 through 27, 31-37, 41-47, Series A or B

**Class 9012, "Series A or B"**, Model(s) Types GAW2-S1, GBW2-S1, GCW3-S1, GEW3-S1, GFW3-S1, GGW1-S1, GGW5-S1, Series A or B. All above maybe followed by Forms B2, B4, E1 through E7, F, G1, G2, G5 through G22, K, K1, O1, P1, P2, Q1 through Q6, Q12 through Q14, T4, T5, V1, W3, Z, Z1, Z12, Z16, Z17, Z25 added separately or in any combination and may be used with pilot light conversion kit, Class 9998 Type PC276, PC278, or PC279.

**Class 9012, "Series B"**, Model(s) Types GPG, GPO, GSG, GSO, followed by -1 through -2

**Class 9012, "Series B"**, Model(s) Types GQG, GQO, GTG, GTO, followed by -1 through -4; GN03-S192, GN04-S192, GN05-S192, GN06-S192; all are followed by Series B, and may be followed by Forms O1, Q1, Q3, Q4, Q5, Q13, Q14, Z, Z12, Z16, Z18 added separately or in any combination

**Class 9012**, Model(s) Type AMW-1, -1S1 through -1S7, -2, -2S1, -2S2, -2S4, -3, -3S1, 3S3, -3S4, -21, -21S1, -22, -22S1, -22S2, -23, -23S1 with or without forms B2, B4, B5, D1, D3, E1 through E6, E12, E14, F, -G2, G5, G6, H1 through H8, K, O1, P1 through P4, Q, Q1, U5, V, Z4, Z12, Z16 added separately or in any combination; Form W1 added separately or in any combination with B2, B4, B5, D1, D3, F, H1 to H8, K, O1, P1 to P4, Q1, U5, V,

Z4, Z12, Z16; Form W2 added separately or in any combination with B2, B4, B5, D1, D3, E12, E14, F, H1 to H8, K, O1, P1 to P4, Q, Q1, U5, V, Z4, Z12, Z16. Form E7 may be used with Types AMW-1 and AMW-21 only. May be used with pilot light kits, Class 9998, Types PC276, PC278, or PC279.

**Class 9012**, Model(s) Type BGW-2S1 through 55 with or without Forms D1, D3, E1 to E4, E12, E14, F, G1, G2, G5, G6, H1 to H8, O1, P1 to P4, U5, Z, Z1, Z12, Z16 added separately or in any combination; Form W1 added separately or in combination with D1, D3, F, H1 to H8, O1, P1 to P4, U5, Z, Z1, Z12, Z16; Form W2 added separately or in combination with D1, D3, E12, E14, F, H1 through H8, O1, P1 through P4, U5, Z, Z1, Z10, Z26 May be used with pilot light kits, Class 9998, Types PC276, PC278, or PC279.

**Class 9012**, Model(s) Types ACW-1 through -9, -1S1, -1S2, -1S5, -1S8, -1S10, 1S12, -1S13, -1S21, -1S31 through -1S38 inclusive, -1S43, -1S45, -1S49, -2S1, -2S2, -2S3, -2S5, -2S22, -2S44 through -2S51 inclusive, -2S53, -2S54, -2S55, 3S2, -3S6 through -3S11 inclusive, -4S1, -4S2, -4S4, -4S6, -4S8, -5S1, -5S4, -5S5, -5S7, -5S10, -5S17, -5S26, -5S33, -5S34, -5S60, -5S61, -5S64, -5S67, 7S1 through -7S6 inclusive, -7S13 through -7S20 inclusive, -8S1, -8S3, -8S4, -8S35, -8S38, -9S1, 9S2, -9S4, -9S8, -9S9, -9S14, -9S15, -21 through -29 inclusive, -21S5, -21S7, -21S8, -24S2, -25S3, -25S9, -25S12, -25S16, -25S22, 25S23, -25S24, -29S1, -29S2. All above types may be with or without forms A1, A4, B2, B3, B4, B5, E1 to E6, E12, E14, F, G1, G2, G5, G6, H1 to H8, K, O1, P1, P2, P3, P4, U5, V, Z, Z1, Z4, Z12, Z16 added separately or in any combination; Form W1 added separately or in combination with A1, A4, B2, B4, B5, F, H1 to H8; K, O1, P1, P2, P3, P4, U5, V, Z, Z1, Z4, Z12, Z16; Form W2 added separately or in any combination with A1, A4, B2, B4, B5, E12, E14, F, H1 through H8, K, O1, P1, P2, P3, P4, U5, V, Z, Z1, Z4, Z12, Z16. Any type above may be followed by Series C. May be used with pilot light kits, Class 9998, Types PC276, PC278, or PC279.

**Class 9012**, Model(s) Types FAG-1, -2, -3 with or without suffix letters B, F, K, R, O1, Z or Z1 added separately or in any combination

**Class 9012**, Model(s) Types FHG-1, -2 with or without suffix letters B, F, K, R, O1, Z, or Z1, added separately or in any combination

**Class 9012**, Model(s) Types FLG-1 to FLG-11 with or without suffix letters B, F, K, R, O1, Z or Z1 added separately or in any combination

**Class 9013, "Commercial Pressure Switches"**, Model(s) Type FHG-1, 2, 3, 9, 12, 13, 14, 19, 22, 29, 32, 33, 34, 39, 49, 52, 54, 59, with or without Series B and Forms H9, M1, U, U2, W, X, X1, P, added separately or in combination @@

**Class 9013, "Commercial pressure-operated switches"**, Model(s) Type FRG 2, 3, 9, 12, 13, 19, 22, 29, 32, 39, 42, 43, 49, 52, 53, 59, 62, 63, 72, 73, 82, 83, 89, 92, 93, 99, may be followed by S followed by 1, 2, or 3 digits, may be followed by J followed by 2 digits, with or without Form G4, H, M3, M5, P, T or T1 Series A

**Class 9013, "Float-, pressure- and vacuum-operated switches"**, Model(s) Type GHB-2-@@@

**Class 9013, "Pressure-operated switches"**, Model(s) Type FTG followed by 2 or 9, may be followed by S and 1, 2, or 3 numbers with or without Forms G4, P, X, X1, Z12, Z22 added separately or in any combination, followed by Series A

**Class 9013, "Series A"**, Model(s) Type FRG 8, 18, 28, 38, 48, 58, 68, 78, 88, 98, may be followed by S followed by 1, 2, or 3 digits, may be followed by J followed by 2 digits, with Form T or T1 with or without Form G4, H, M3, M5 or P, Series A

**Class 9013, "Series A"**, Model(s) Type FTG-10, -14, or -20 may be followed by S and 1, 2, or 3 numbers with Forms T or T1, with or without Forms G4, P, X, X1, Z12, Z22 added separately or in any combination, followed by Series A.

**Class 9013**, Model(s) Type FSG-1, -2, -3, -9, -13, -22, -29, -42, -49, -52, -59 with or without Series B and Forms G4, H9, M1, M2, M4, P, P1, P2, P3, Q, Q8, T, T1, U, U2, X, Z12, add separately or in any combination. @@

**Class 9013**, Model(s) Type FSG-4, -5, -6, -7, -8, -10, -11, -12, -14, -20 with Form T or T1, with or without Series B and Forms G4, H9, M1, M2, M4, P, P1, P2, P3, Q, X, U, U2, Z12, added separately or in any combination. @@

**Class 9013**, Model(s) Type FSW, FYW, FTW followed by a one or two digit number may be followed by H9, M1, M4, P, Q, Q8, T, T1, U, U2, S with or without numbers and/or Z12 followed by Series A. @@

**Class 9013**, Model(s) Type FYG-1, -2, -3, -9, with or without Series B and Forms G4, M1, M2, M4, P, P1, P2, P3, Q, T, T1, U, U2, X, Z12, added separately or in any combination. @@

**Class 9013**, Model(s) Type FYG-4, -5, -6, -7, -8, with Form T or T1, with or without Series B and Forms G4, H9, M1, M2, M4, P, P1, P3, Q, U, U2, X, Y, Z12, add separately or in any combination. @@

**Class 9013**, Model(s) Type GHB-5-@@@@, Type GHG or GHW -1 through -6-@@@@, Type GHG5S100-@@@@, Type GHG5S101-@@@@, Type GHG5S8-@@@@, Type GMG or GMW-1, -2, -3-@@@@, Type GSB-2-@@@@, Type GSG or GSW-1, -2, -3-@@@@

**Class 9013**, Model(s) Type JSG-1 through -9 without form designations or with form designation P.

**Class 9016, "Pressure-operated switches"**, Model(s) Type BSG-1 with or without suffix letters B, F, K, R, O1 or Z separately or in any combination.

**Class 9016, "Series A or B"**, Model(s) Type GAW followed by 1 or 21 Series A or B. All above may or may not be followed by Forms B2, B4, E1 through E7, F, G1, G2, G5 through G22, K, K1, O1, P1, P2, Q1 through Q6, Q12 through Q14, T4, T5, V1, W3, Z, Z1, Z12, Z16, Z17, Z25 added separately or in any combination. May be used with pilot light conversion kit, Class 9998 Type PC276, PC278, or PC279

**Class 9016, "Series C"**, Model(s) Type GAW followed by 1, 2, 21, or 22 followed by Series C. All above may or may not be followed by Forms B2, B4, E2, E3, E4, F, G17, G18, G19, G20, G21, G22, H3, H10, H11, H12, H13, H14, H15, H16, H17, K, K1, M14, O1, Q1, Q3, Q4, Q5, Q13, Q14, V1, V2, Z, Z12, Z16, Z18 added separately or in any combination. May be used with pilot light conversion kits, Class 9998, Type 306, 307, or 308

**Class 9016**, Model(s) Type AMW-1, -1S1 through -1S7, -S9, -2, -3, -3S3 through -3S8-@

**Class 9016**, Model(s) Type BMW -1, -2, -2S1, -2S2-@;, Type GVG-1-@@@.

**Class 9018**, Model(s) Types ASG -1 through -9; ALG -5 through -8; AMG -4 through -7

**Class 9025**, Model(s) Type ASG-1 with or without suffix letters B, F, K or R, 01, added separately or in any combination.

**Class 9036, "Float- or weight-operated switches"**, Model(s) Type DW31 Series A may be followed by C, F1 and/or R@@@

**Class 9036, "Series A"**, Model(s) Type FG30, FG31, Series A may be followed by R.@@@

**Class 9036, "Series B"**, Model(s) Type DG2 Series B, DW31 Series A may be followed by C, F1 and/or R. @@@

**Class 9036**, Model(s) Type GG or GW-1, -2, -3-@@@@

**Class 9037, "Series A"**, Model(s) DG or DW followed by 30 or 31-@@@; Type HG or HW followed by 30-39 Series A may be followed by F3, L, R, Z19, Z20 and/or Z21-@@@.

**Class 9037, "Series B"**, Model(s) Type DG or DW followed by 1-8, Series B may be followed by L1, L2, R and/or Z5-@@@.

**Class 9037, "Series B"**, Model(s) Type EG or EW followed by 8, 9, 10 or 13 Series B-@@@

**Class 9037**, Model(s) Type GG or GW-1 to -18, -21 to -23-@@@@

**Class 9038, "Series A"**, Model(s) Type AG or AW followed by 1 Series A, may be followed by C, N3, N4, N5, N25 and/or R-@@@.

**Class 9038, "Series A"**, Model(s) Type CG or CW31-36 Series A may be followed by F3, L, N3, N4, N5, N25, R, Z19, Z20 and/or Z21-@@@

**Class 9038, "Series B"**, Model(s) Type BG or BW21-23 Series B may be followed by A, N3 and/or N4-@@@

**Class 9038, "Series B"**, Model(s) Type DG or DW7-10 Series B may be followed by L, L1, L2, N3, N4, N5, N25, R and/or Z5-@@@

**Class 9038, "Series B"**, Model(s) Type ZG or JW1-8 Series B may be followed by L1, L2, N3, N4, R and/or Z5-@@@

@ - With or without the following forms added separately or in combination -B2, B4, B5, D1, D3, E1 TO E6, E12 TO E14, F, G1, G2, G5, G6, H1 to H8, K, 01, P1 TO P4, Q, Q1, U5, Z, Z1, Z4 Z12, Z16; Form W1 added separately or in combination with B2, B4, B5, D1, D3, F, H1 to H8, K, 01, P1 to P4, Q, Q1, U5, Z, Z1, Z4, Z12, Z16; Form W2 added separately or in combination with B2, B4, B5, D1, D3, E12 to E14, F, H1 to H8, 01, P1 to P4, Q, Q1, U5, Z, Z1, Z4, Z12, Z16. Form W2 added separately or in combination with B2, B4, B5, D1, D3, E12 to E14, F, H1 to H8, K, 01, P1 to P4, Q, Q1, U5, Z, Z1, Z4, Z12, Z16.

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