



## NRNT2.E41515 Switches, Industrial Control - Component

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### Switches, Industrial Control - Component

#### Guide Information

**OMRON CORP**

E41515

SAFETY STANDARDS GROUP

IAB TECHNOLOGY DEVELOPMENT CENTER H Q

SHIOKOJI HORIKAWA, SHIMOGYO-KU

KYOTO 600-8530, JAPAN

**Electronically-operated sensing device.** Type E8Y with additional letters and/or numbers.

**Solid state relays.** Type G3VM followed by 4, 4F or X, XF.

**Types for use in Industrial Control Equipment.** Type E39 followed by -N4, -N4S, -W4, -W4S.

Type G2L-1 may be followed by 0 or 1, followed by 1, followed by 3 or 4, followed by P, may be followed by V, may be followed by E, followed by UA or US, may be followed by 1 or 5, may be followed by additional letter(s) and/or number(s).

Type G2S followed by K or U, followed by -1, followed by 1, followed by 4 or 7, followed by P, may be followed by -CU, followed by -TO or -US, may be followed by -20 thru -99.

Type G2SK-114P-CU-US-12.

Types G3K-2R2P, G3KD-YR2P-1, -2, -5, -6, -7.

Type G5U followed by -1, may be followed by 1, followed by 1, followed by 7, followed by P, may be followed by -K, followed by -US, may be followed by -01 thru -99.

Type G6CN followed by 2, may be followed by D, may be followed by optional letter(s) and/or number(s), may be followed by optional letter(s) and/or number(s).

Type G4H followed by -1, may be followed by 1, followed by 1, followed by 2 or 7, followed by P, followed by -US, may be followed by -01 thru -99.

Type(+) G5C may be followed by E, followed by -1, may be followed by 4, may be followed by TP, may be followed by -H or -L, may be followed by ASI, may be followed by 3, followed by a blank

or up to six digits.

Type A3G-3 followed by 0 or 1, followed by 1, 2 or 3, followed by 1, 2, 3, 4L or 4R, followed by a blank or up to six digits.

**Adapters for use with A3G-3 switches.** Type A3G-4 followed by 0 or 1, followed by 1 or 2, followed by 1, 4 or 6, followed by H1 or H2, followed by a blank or up to six digits.

Type M2G-490 followed by 1 or 4, followed by H1 or H2, followed by a blank or up to six digits.

Type(+) G6D followed by -1, followed by A, may be followed by additional letters and/or numbers.

Type(+) G7D followed by 4, followed by 1, followed by 2, followed by S, followed by AC100 thru -110 or DC5 thru -24, may be followed by additional letters and/or numbers.

Model G7S followed by 3A3B or 4A2B, may be followed by letter(s) and/or number(s).

Model G7S followed by 3A1B, may be followed by letter(s) and/or number(s).

**Safety relay unit.** Model G9SA, may be followed by TH or EX, followed by 0, 2, 3 or 5, followed by 0, 2 or 3, followed by 0 or 1, may be followed by 1 or 2, may be followed by T06, T075, T15 or T30, may be followed by additional letter(s).

Model G9SA followed by 3, followed by 0, followed by 1, may be followed by P, may be followed by additional letter(s) and/or number(s).

**Relay.** Model No. G7SA followed by 5A1B, 4A2B, 3A3B, 3A1B, 2A2B, may be followed by additional letter(s) and/or number(s).

**Photoelectric switches for industrial applications.** Open, Type E3E2 with or without D or R, with or without S, followed by one or two numbers, with or without L or R, may be followed by Y, may be followed by 1 or 2, followed by -US.

Open, Type E3F2 may be followed by DS or R, followed by 2, 3, 10 or 30, may be followed by D or L, followed by Z, followed by 1 or 2, may be followed by additional suffix letters and/or numbers.

Type G2W-1 may be followed by 1, followed by 12 or 123, followed by A-V or P-V, followed by -DX or -FD, followed by -US, followed by (5) or -TV-5, may be followed by numbers and/or letters.

Model G2Z-2 followed by 1 or 2, followed by 2, followed by P or PX, may be followed by -20, followed by -US, may be followed by -TV1, may be followed by letter(s) and/or number(s).

Type G4C followed by -1, followed by 1 or 8, followed by 2, followed by P, may be followed by -E, followed by -US or -VD, may be followed by -TV2.

Type MK followed by 1, 2 or 3, may be followed by K, followed by P, may be followed by N, may be followed by E, may be followed by 2 or 5, followed by -US.

Type MK followed by 1, 2 or 3, may be followed by E, followed by P, may be followed by 2, followed by -UA, followed by AC++ or DC+++, may be followed by additional numbers and/or letters. Type MK followed by 1, 2 or 3, followed by PN-UA, followed by ACC++ or DC+++, may be followed by additional numbers and/or letters.

Type MK followed by 1, 2 or 3, followed by 05 or 10, may be followed by E, may be followed by P, may be followed by N, may be followed by 2 or 5, may be followed by -UA or -US, may be followed by AC++ or DC+++, may be followed by additional numbers and/or letters.

Type MK may be followed by 1, 2 or 3, followed by -UA-06000 thru -006999. Type MK followed by 1ZP or 3ZP, may be followed by 2 or 5, followed by -UA or -US, may be followed by AC++ or DC+++, may be followed by letters and/or numbers.

**Proximity sensors.** Types E2, TL with additional letters and/or numbers.

**Photoelectric sensor.** Type E3 with additional letters and/or numbers.

**Ultrasonic sensor.** Type E4 with additional letters and/or numbers.

**Photomicro sensor.** Type EE-S with additional letters and/or numbers.

**Connectors for photomicro sensors.** Type EE with additional letters and/or numbers.

**Rotary encoder.** Type E6 with additional letters and/or numbers.

**Pressure sensor.** Type E8 with additional letters and/or numbers.

**Area sensor.** Type F5 with additional letters and/or numbers.

**Line sensor.** Type F3M with additional letters and/or numbers.

Type MK followed by 1, 2 or 3, may be followed by K, may be followed by E, followed by P, may be followed by N, may be followed by 2, followed by UA, may be followed by AC6 or DC6, may be followed by letters and/or numbers.

Type G4D followed by -2, may be followed by 2, followed by 1, followed by 2 or 7, followed by P, may be followed by -AP, may be followed by -200, followed by -US, may be followed by -TV2.  
Type G4D-212P-11.

Type(+) G4E followed by 2, followed by 1, followed by 2 or 23, followed by T or TP, may be followed by optional letter(s) and/or number(s), may or may not be followed by -DC6 thru -100, may or may not be followed by optional letter(s) and/or number(s).

Type G4J followed by -1, -2 or -3, followed by 1, 2 or 3, followed by 42T-US, may be followed by additional suffix numbers and/or letters.

Type G4K followed by -112P or -1112P, may be followed by -H, followed by -US, may be followed by -B, may be followed by additional suffixes.

Type G6E may be followed by K or U, followed by -1, followed by 3, 7, 8 or 9, followed by 4, followed by C or P, may be followed by L, may be followed by -ST, may be followed by -1, may be followed by optional letter(s) and/or number(s), may be followed by -1.5 v dc thru -48 v dc, may be followed by optional letter(s) and/or number(s).

Type G6G may be followed by U, may be followed by -2, followed by 3, followed by 4, may be followed by -US with additional letters and/or numbers, may be followed by additional letters and/or numbers.

Type G6R may be followed by 1, may be followed by A.

Type G7X followed by 4, followed by BP, followed by US, may be followed by two letters and/or numbers.

Type(+) LY1K followed by -0, may be followed by optional letter(s) and/or number(s), may be followed by -DC12 or -DC48, may be followed by optional letter(s) and/or number(s).

Type MK followed by -1, -2 or -3, followed by -05 or -10, may be followed by -E, may be followed by -P, may be followed by -2 or -5, may be followed by -UA or -US, may be followed by AC6 thru -260, DC6 thru -130, may be followed by additional numbers and/or letters. Type MK followed by -1, -2 or -3, followed by P, may be followed by -N, may be followed by -E, may be followed by 2 or 5, followed by -US.

Type MK followed by 2 or 3, followed by P, may be followed by 2 or 5, followed by I or S, may be followed by AP which may be followed by number(s), may be followed by letters and/or numbers. Type MK followed by 2 or 3, followed by P, may be followed by D, N, ND, NV or V, may be followed by 1 or a blank, may be followed by 2 or 5, followed by I or S, may be followed by AP with additional letters and/or numbers which may be followed by number(s), may be followed by letters and/or numbers.

Type MY with or without 2, followed by -UA, followed by 006000 thru 006999; Type MY2E-D-UA-DC24; Type(+) MY may be followed by Q, followed by 2, followed by a blank or E or Z, followed by a blank, I, I2 or I4, followed by a blank, CR, D, N, N-CR, N-D or N-D2, followed by a blank -02 or -20, followed by 2 or 3, followed by a blank, -0, -02, -A, -B, -F, -S or -T1, may be followed by UA, followed by a blank, AC6 thru -240 or DC6 thru -120, may be followed by additional numbers or letters; Type(+) MY2 may be followed by F or S, may be followed by N, followed by -Y, may be followed by -UA or -US with additional letters and/or numbers, may be followed by additional letter(s) and/or numbers.

Type MY2 may be followed by Z, may be followed by I or I5, may be followed by N, may be followed by 1, may be followed by CR, D or D2, may be followed by optional suffixes.

Type MY may be followed by Q, followed by 2, may be followed by H3YN or H3YW, may be followed by Z, may be followed by F or S, may be followed by -0, -02, or -T1, may be followed by E, may be followed by A, B or G, may be followed by I, I2 or I4, may be followed by CR, D, N, N-CR, N-D or N-D2, may be followed by -2, may be followed by -US, may be followed by -02 or -20, may be followed by -AC6 thru -240 or -DC6 thru -125, may be followed by additional letter(s) and/or number(s).

Type(+) MY2K may be followed by Z, may be followed by F or S, may be followed by -0 or -02, may be followed by E, may be followed by optional letter(s) and/or number(s), may be followed by AC5 thru -120 or DC5 thru -48, may be followed by optional letter(s) and/or number(s).

Type(+) MY2K may be followed by E or Z, may be followed by -0 or -02, F or S, may be followed by optional letter(s) and/or number(s), may be followed by AC5 thru -120 or DC5 thru -48, may be followed by optional letter(s) and/or number(s).

Type(+) MY3 may be followed by F or S, may be followed by -0, -02 or -T1, may be followed by E, may be followed by A, B or G, may be followed by 1 or 12, may be followed by CR, D, N, N-CR, N-D or N-D2, may be followed by -2, -3 or -4, may be followed by optional letter(s) and/or number(s), may be followed by -03 or -30, may be followed by -AC6 thru -240 or -DC6 thru -125, may be followed by optional letter(s) and/or number(s).

Type(+) MY3 followed by a blank or E, followed by a blank, I or I2, followed by a blank, CR, D, N, N-CR, N-D or N-D2, followed by a blank, 03 or 30, followed by blank or 3, followed by blank 0, 02, A, B, F or S, may be followed by optional letter(s) and/or number(s), followed by a blank, AC6 thru -240, or DC6 thru -120, may be followed by optional letter(s) and/or number(s).

Type MZ2 may be followed by -200, followed by -UA or -US, followed by AC24 thru -300 or DC6 thru -200.

Type S3M followed by L10, followed by -US, with or without suffixes. Socket Type 14PF-US or 14PFA may be followed by 1, may be followed by SA, SI, W, W-T or W-TD for use with Type S3M.

Type 1051 may be followed by P, followed by UADC or US 6 thru 24. Sockets, for use with Type MHE series, Part No. PM followed by 05, 06, 08, 10, 14, 16, 20 or 22, with or without any or all of the following -G, -O or -O-SM.

Type G5F followed by -33, -42, -43 or -44, followed by 4, followed by 2, followed by T, followed by -US, may be followed by letters and/or additional numbers.

**Camp unit.** Type A22-T followed by 1, 2 or N, may be followed by 1 or 2.

**Open type.** Types A16-1, -1P, -2, -2P; Types A16-0, A16S Series switch unit; Type A165E Series emergency pushbutton switch; Type M16-0 switch unit for indicator lights.

Type E3JK may be followed by DS or R, followed by 2, 4, 5 or 30, may be followed by D or L, followed by M, P or S, followed 1, 2 or 3, followed by additional letters and/or numbers.

Cat. No. E3JU followed by 25, 25D, D1, D2, R5, X or XR, followed by M or P, followed by 1 or 4, may be followed by T, followed by 3, M or M1J, may be followed by additional number(s) and/or letter(s).

Type E3JU followed by 25L, followed by 3.

**Photoelectric switch amplifier.** Type E3C followed by A or C, followed by 4 or US.

**Nonilluminated push button switches for use in Industrial Control Equipment.** Type A3P followed by A, J or T, followed by 7, followed by 01 thru 10.

Type A3S followed by A or J, followed by 7 or 8, followed by 01 thru 10.

**Switch unit.** Type A22- followed by 01, 02, 10 or 20, may be followed by S.

**Illuminated indicators.** Type M2K followed by A or J, followed by 701, may be followed by six digits.

Type M2P followed by A, J or T, followed by 7, followed by 01, may be followed by six additional numbers.

Type M2S followed by A or J, followed by 7 or 8, followed by 0, followed by 1 or 2, followed by a blank or six additional numbers.

Type M2G followed by three dots.

**Terminal cases.** Type A3G-4 followed by 0 or 1, followed by 1 or 2, followed by 1, 4 or 6, followed by a blank or up to six digits. Type M2G-490 followed by 1 or 4, followed by a blank or up to six digits.

**Illuminated or nonilluminated push button switches** for use in Industrial Control Equipment.

Type A3B followed by A, D, F, J, K, M, P, T, followed by 7, followed by 0 or 1, followed by 1, 2, 3 or 4, followed by 1 or 2, followed by 1 or 3, with or without numbers and/or letters; Type M2B followed by A, D, F, J, K, M, P or T, followed by 7, followed by 00, followed by 1 or 2, followed by 1 or 3, may be followed by additional numbers; Type A3BE-9 followed by 2, followed by B, D, F, H or R, followed by 0 thru 9, followed by up to three letters and/or numbers, followed by a blank or a combination of letters and/or numbers.

Type A3A followed by A or T, followed by -9, followed by 0 or 1, followed by A, B, K or L, followed by 00 or 00E, followed by A, B, D, G, H, L, R or Y.

Type A8C, A8CA or A8CB followed by 1 or 2, followed by 0, followed by three dots, may be followed by up to three numbers and/or letters, may be followed by up to three numbers, followed by a blank or a letter A thru Z, may be followed by a blank or up to six numbers.

**Illuminated and nonilluminated rotary switches** for use in industrial control equipment.

Type A3G followed by A, J or T, followed by S5, followed by one or two numbers, may be followed by 5, 6, 12, 24, 120, 240, H1 or H2, may be followed by one or two letters, may be followed by up to six numbers.

Type A8G followed by 1, followed by 0, followed by 1 thru 9, followed by 1 thru 9, may be followed by A thru X, may be followed by 05, 12 or 24.

**Push button switch.** Type A3G followed by a dot, followed by R, followed by three dots.

**Illuminated push button switches** for use in Industrial Control Equipment.

Type A8A-2 followed by 0, 1 or 2, followed by up to three numbers and/or letters, may be followed by up to three numbers, may be followed by a letter A thru Z, may be followed by up to six numbers.

Type A3C followed by A, J or T, followed by 7, followed by 0 or 1, followed by 1 or 2, followed by 1 or 2, followed by a blank or a combination of numbers.

Type A3GE followed by four dots.

Type M2B followed by A, D, F, J, K, M, P or T, followed by 7, followed by 00, followed by 1 or 2, followed by 1 or 3, may be followed by additional numbers and/or letters.

Type M2C followed by A, J or T, followed by 7, followed by 00, followed by 1 or 2, followed by a blank or a combination of numbers.

Type A3G followed by five dots. Type A3G followed by A, J or T, followed by K5.

Type A3K followed by A or J, followed by 70, followed by 1 thru 8, may be followed by six digits.

**Open type for use in electronic data processing equipment also Industrial Control Equipment (Same polarity only).** Type G2X followed by 32 or 64, followed by 14P, may be followed by -v,

followed by -US, may be followed by -3 v dc thru 120 v dc, may be followed by additional letter(s) and/or number(s).

Type G2K may be followed by -3, followed by -UA or -US, may be followed by -DC3 thru -48. Type G2K followed by -UA, followed by -006000 thru -006999. Type G2K-(112P, 117P, 182P or 187P )-US.

Type G2U followed by -1, may be followed by 1, followed by 1, followed by 2 or 4, followed by P, followed by -US, may be followed by -R, may be followed by -TV1. Types G2U-112P-100-US-R, G2U-UA-006000 thru -006999.

Type G2A may be followed by K, followed by 2 or 4, may be followed by L, followed by 3, followed by 2 or 4, may be followed by 1, 2 or 3, followed by A or P, may be followed by Y, may be followed by N, NI or ND, followed by UA or US, G2U-UA-006000 thru -006999.

Type(+) G5Z followed by -2, followed by A, may be followed by -X, may be followed by E, may be followed by up to three letters and/or numbers.

Type G5PA followed by 1, may be followed by 8, may be followed by M, may be followed by additional letter(s) and/or number(s).

Type G5PA followed by 2 or 28, may be followed by 5Vdc, 6Vdc, 12Vdc or 24Vdc, may be followed by X, may be followed by additional suffixes.

**Not suitable for use in labeling equipment, Suitable for 200VA, 100V maximum.** (a)Type G5A may be followed by K or U, followed by 287P, may be followed by additional suffixes.

Type G5AS may be followed by 2, may be followed by 3, may be followed by 4, may be followed by C, may be followed by additional suffixes.

Type G5AS may be followed by 2, may be followed by OA, followed by 00600 thru 00699.

(a)Type(+) G6H may be followed by K or U, followed by 2, followed by blank or 8, followed by blank, C or F, may be followed by blank, 1, H or L, may be followed by additional suffixes.

(a)Type G6H may be followed by K or U, followed by 2, followed by UA, followed by 006000 thru 00699.

Type G5N followed by 1, followed by A, may be followed by 4, may be followed by additional letters and/or numbers.

Type G6K followed by 2, may be followed by U, followed by F, G or P, may be followed by Y, may be followed by additional suffixes.

Type G5S-1 may be followed by A or B, may be followed by E, may be followed by -CB or -CF, may be followed by -V, may be followed by -ACD or -G, may be followed by -QSK.

(a)Type G5A may be followed by K or U, followed by 237 or 234, followed by C, F or P, may be followed by L or H, may be followed by additional suffixes. (a)Type G5A may be followed by K or U, followed by 2, followed by UA, followed by 006000 thru 006999.

Type G4C followed by -1 followed by 1, followed by 2, followed by P, followed by -V, may be followed by -M, followed by -US.

Type G4Z followed by -2, followed by 2, followed by 3 or 8, followed by 2, followed by P, followed by -US.

(a)Type G6A may be followed by either K or U, followed by 2, 2D or 4, followed by 34# or 74#, may be followed by additional suffixes, where # is P, C or F; (a)Type G6A may be followed by K or U, followed by 2 or 4, followed by UA, followed by 006000 thru 006999; (a)Type G6A may be followed by either K or U, followed by 2 or 4, followed by A thru Z, followed by 1 thru 9999; Type G6A-234P-BS, G6A-274P-BS.

Type LC1 may be followed by -100, may be followed by -V, may be followed by -CL, may be followed by -C or -Q, may be followed by -E, may be followed by -JT, followed by -US, may be followed by -AC, followed by 6-120 or -DC, followed by 3-48, may be followed by -TV-2.

Type LC or LC1 may be followed by -Q, followed by C, CE or CL, may be followed by -JT, followed by -UA, followed by -AC, followed by 6-120 or -DC followed by 3-48. Type LC or LC1 followed by -UA, followed by -006000 thru -006999.

Type LJ4 or LJ4-0 followed by -US or -UA, followed by DC, followed by 6 thru 48. Type PN14, PNF14 sockets for use with Types LJ4, LJ4-0.

Type LJ8 or LJ8-0 followed by -UA or -US, followed by -DC, followed by 6 thru 48. Socket Type PN26 for use with Type LJ8 Series.

Type LC1N followed by -05, -10 or -12, may be followed by -100, followed by -US. Type LC1N-10-100-US followed by -TV3 or -TV5.

Type LC2N may be followed by -CB or -E, followed by -UA or -US, followed by -DC, followed by 3 thru 24. Type LC2N-UA-006000 thru -006999.

Type LK1 may be followed by -01, may be followed by E, may be followed by S or W, may be followed by B, followed by -US, -UAAC followed by 6 thru 240 or -UADC, followed by 6 thru 200; Type LK2 may be followed by -02 or -11, may be followed by E, may be followed by S or W, may be followed by B, followed by -UAAC, -US, followed by 6 thru 240 or -UADC, followed by 6 thru 200; Type LK3 may be followed by -03, -12 or -21, may be followed by E, may be followed by S or W, may be followed by B, followed by -UAAC, -US, followed by 6 thru 240 or -UADC, followed by 6 thru 200.

Type LK4 may be followed by -04, -13, -22 or -31, may be followed by E, may be followed by S or W, may be followed by B, followed by -US, -UAAC, followed by 6 thru 240 or -UADC, followed by 6 thru 200; Types LK2-UA-007000, -007001, -007003. All LK1 thru -4 with UA in type number may be followed by 006000 thru 006999.

Type ME101- may be followed by -C, may be followed by -0, followed by -UA or -US, followed by DC5 thru -24. Type ME1-UA-006000 thru 006999.

Type MHE followed by 2, 4 or 6, followed by 01, 02 or 05, may be followed by Z, followed by P or PG, may be followed by -0 or -01, followed by -UA or -US, followed by -DC3 thru -110 or R1000 thru R15000. Type MHE followed by 2, 4 or 6, followed by -UA, followed by -006000 thru -006999.

Type MH followed by Q or S, followed by 2, 4 or 6, may be followed by 05 or Z, may be followed by M, followed by P, P-0, P-01, PG, PG-0, PG-01, followed by -UA or -US, may or may not be followed by -DC1.5 thru -110, may be followed by -R1.5 thru -R15000, may be followed by additional suffixes; Type MH followed by Q or S, followed by 2, 4 or 6, followed by -UA or -US,



followed by -006000 thru -006999.

**Open type, for use in electric home laundry equipment or similar applications and in information technology equipment.** Type(+) G2C followed by -2, may be followed by 2, followed by -1, followed by -2, followed by -P, may be followed by -V, may be followed by additional suffix letters and numbers.

Plunger Type G2J followed by -22, -32, -33, -42, -43 or -44, followed by 1, followed by 2, may be followed by 4, followed by T, followed by -UA or -US, may be followed by AC6 thru -240 or DC6 thru -200, may be followed by additional suffix numbers and/or letters.

3-pole relays, Hinge Type G2J followed by -11, -21, -22, -32 or -33, followed by 1 or 8, followed by 2, followed by T, followed by -UA or -US, may be followed by AC6 thru -240 or DC6 thru -200, may be followed by -TV10, may be followed by letters and/or up to two digit numbers, may be followed by -1.

4-pole relays, Hinge Type G2J followed by -11, -21, -22, -32, -33, -43 or -44, followed by 4, followed by 2, followed by T, may be followed by D, followed by -US, may be followed by letters and/or up to two digit numbers.

**Open type for use in electric home laundry equipment and similar applications.** Type G2V-2 may be followed by 3 or 8, may be followed by 2, 4 or 7, may be followed by C or P, may be followed by -D or -H, followed by -US. Type G2V-UA-007021. Type G2V followed by -UA, followed by -006000 thru -006999.

Type LZN may be followed by Q or QG, followed by 2, 4 or 6, may be followed by 03, may be followed by M, M1 or M2, may be followed by K, may be followed by EL, followed by UA or US, followed by DC5 thru -60, may be followed by additional numbers and/or letters.

(a)Type MY may be followed by Q, followed by 4, may be followed by H3YN or H3YW, may be followed by Z, may be followed by F or S, may be followed by -0, -02 or -T, may be followed by E, may be followed by A, B or G, may be followed by I, I2 or I4, may be followed by CR, D, N, N-CR, N-D or N-D2, may be followed by -3 or -4, may be followed by optional letter(s) and/or number(s), may be followed by -04, -04L, -40, -40L, -L or -M, may be followed by -AC6 thru -240 or -DC6 thru -125, may be followed by optional suffixes.

(a)Type(+) MY4 or MYQ4 followed by a blank, E or Z, followed by a blank, I, I2, I3 or I4, followed by a blank, CR, D, N, N-CR, N-D or N-D2, followed by a blank, 04 or 40, followed by a blank or 3, followed by a blank, 0, 02, A, B, F, S or T, may be followed by optional letter(s) and/or number(s), followed by a blank, AC6 thru -240, DC6 thru -125, may be followed by optional letter(s) and/or number(s).

Type MY4 may be followed by Z, may be followed by I or I5, may be followed by N, may be followed by 1, may be followed by CR, D or D2, may be followed by optional suffixes.

Type MY with or without 4, followed by -UA, followed by 006000 thru 006999.

Type MY3-0-THE3.

**Types for use in Office Appliances and Business Machines.** Type G2E-1 followed by 3 or 8, followed by 2, 4 or 7, followed by P, may be followed by -HD, may be followed by -H, followed by -M-US. Type G2E-UA followed by -006000 thru -006999.

Type G2VE-2 followed by 1, followed by 4 or 7, followed by P, may be followed by 1, 2 or 3 suffix

numbers and/or letters. Type G2VE followed by -UA, followed by -006000 thru -007999.

Type G4U-1 may be followed by 1, followed by 12P or 17P, may be followed by -FD, may be followed by -L, -XI or -X, followed by -US, may be followed by -01 thru -99. Type G4U-1 may be followed by A, may be followed by -E, may be followed by -1.

Model G5Q, followed by 1, may be followed by A, may be followed by 4, may be followed by additional suffixes.

Model N-G5N followed by 1, may be followed by A, may be followed by 4, may be followed by additional suffixes.

Relay, Type G5NB followed by 1, followed by A, may be followed by 4, may be followed by additional letter(s) and/or number(s).

Type G5V followed by 1, may be followed by additional suffixes. Type G5V followed by 1, followed by UA, followed by 000000 thru 999999.

(a)Type G5V followed by 2, may be followed by additional suffixes. Type G5V followed by 2, followed by UA, followed by 006000 thru 0069999.

Type G4SE followed by -1, may be followed by 1, followed by 1, followed by 2 or 7, followed by P, followed by -US, may be followed by -01 thru -99.

Type LC1M may be followed by Q, may be followed by -1A, may be followed by -XI, followed by -US, may be followed by -TV5, may be followed by -ZN.

Reed Relay, D2RV with or without suffixes.

Relay, G2VN with suffixes.

Type G6N may be followed by K or U, followed by 2, may be followed by blank or 8, followed by blank, C or F, may be followed by blank or Y, may be followed by additional suffixes; Type G6N may be followed by K or U, followed by 2, followed by UA, followed by 000000 thru 999999.

Type G6S followed by blank, K or U, followed by 2, followed by blank or 8, followed by blank, C, F or G, followed by blank, H or Y, may be followed by additional suffixes.

Type G6S followed by blank or H, followed by blank, K or U, followed by 2, followed by UA, followed by 000000 thru 999999.

Relay, Type G6J, may be followed by U, followed by 2, followed by FL, FS or P, may be followed by additional letter(s) and/or number(s).

Type G6RN followed by 1, may be followed by A, may be followed by additional letters and/or numbers, may be followed by ACD, may be followed by additional letters and/or numbers.

**Industrial control switches.** Type G2VN-2 followed by 3 or 8, followed by 4 or 7, followed by C or P, may be followed by H or L, followed by -US. Type G2VN followed by -UA, followed by -006000 thru -007999.

**Solid state timer, for use in industrial control equipment.** Type H3BA may be followed by a blank, 8 or FA, may be followed by a blank or H, may be followed by 300 thru 999; Type H3BA

followed by N, may be followed by a blank or 8, may be followed by a blank or H, may be followed by 300 thru 999.

Type H3BH followed by 8, may be followed by R, may be followed by 300 thru 999.

Type H3BH followed by N, followed by 8, followed by a blank, may be followed by 300 thru 999.

Type H3BG followed by 8 or F, followed by a blank or H, may be followed by 300 thru 999.

Type H3BG followed by N, followed by 8, may be followed by a blank or H, may be followed by 300 thru 999.

Type H3CR may be followed by A, F, G or H, may be followed by a blank or 8, may be followed by a blank, E, N, R or S, may be followed by P, may be followed by L, may be followed by 300 thru 399.

Type H3D may be followed by -2, -2H, -G, -G1, -H, -J, -P, -P1 or -X, may be followed by 300 thru 999.

Type H3DE followed by F, followed by a blank, followed by a blank, may be followed by -31 or 300 thru 999.

Type H3DE followed by G, followed by a blank, may be followed by -31 or 300 thru 999.

Type H3DE followed by H, followed by a blank, may be followed by 300 thru 999.

Type H3DE followed by M or S, followed by 1 or 2, may be followed by -30, -31 or 300 thru 999.

Type H3DR followed by A, M or P, may be followed by S, may be followed by P, may be followed by 300 thru 999.

Type H3DR followed by F, may be followed by N, may be followed by 300 thru 999.

Type H3DR followed by G, followed by a blank, may be followed by 300 thru 999.

Type H3DR followed by H, followed by a blank, may be followed by 300 thru 999.

Type H3G followed by 8, followed by A or C, may be followed by 300 thru 999.

Type H3M may be followed by -H, may be followed by 300 thru 999. Sockets, for use with Type H3M Series, P2B, P3D-081, PF085, PL08; adaptor Y92F-40.

Type H3BF-8 may be followed by 300 thru 999.

Type H3BF followed by N, followed by 8, followed by a blank, may be followed by 300 thru 999.

Type H3RN followed by a blank, followed by 1 or 2, may be followed by 1 or 2, followed by a blank, may be followed by 300 thru 999.

Type H3Y followed by -2, -4, -S or -U, may be followed by -CBG or -Z, may be followed by 0, may be followed by -7 or 300 thru 999.

Type H3YN followed by -2 or -4, may be followed by 1 or 2, may be followed by -Z, may be

followed by 0, may be followed by an additional number from 300 thru 999.

Type H5A-4D may be followed by M, may be followed by additional letter(s).

Type H5AN-4D followed by a blank or M, may be followed by 300 thru 999.

Type H5BR followed by B, may be followed by H, may be followed by 300 thru 999.

Type H5CN may be followed by X or Y, followed by Z, A, B, C, D, E, F, G or H, followed by N, F, C, R, K, P or Q, may be followed by M, may be followed by additional number(s) and/or letter(s), followed by US in a rectangle.

Type H5CR followed by B, L or S, may be followed by S, may be followed by H, may be followed by 300 thru 999.

Type H5F may be followed by -F or -K, followed by A, AC, AL, B, BC or BL, may be followed by 90 or 300 thru 999.

Type H8CA followed by blank or S, followed by A or D, followed by H or L, followed by a blank or V, followed by a blank or S, may be followed by 300 thru 999.

Type VICC-TM followed by 01 thru 99, followed by 0 thru 9, may be followed by a blank or A thru Z, may be followed by 300 thru 999.

**Rotary timers.** Type H5RA followed by 8 or 16, may be followed by P, may be followed by 1 thru 9, may be followed by 300 thru 999.

Type H5CL followed by A, may be followed by D, may be followed by S, may be followed by 300 thru 999.

Type H7AN followed by a blank or R, followed by a blank or W, followed by a blank or E, followed by a blank or T, followed by 2, 4, 6 or 8, followed by a blank or D, followed by blank or M, may be followed by 300 thru 999.

Type H7BR or H7BS followed by B or C, may be followed by W, may be followed by V, may be followed by P, may be followed by 300 thru 999.

Type H7CR or H7CS followed by A, B or C, may be followed by 4, may be followed by W, may be followed by V, may be followed by S, may be followed by G, may be followed by 300 thru 999.

Type H7CR-S followed by A, B or C, may be followed by 4, may be followed by W, may be followed by S, may be followed by L, may be followed by 300 thru 999.

Type H7CR or H7CS followed by -8 or -11, may be followed by 4, may be followed by -S, may be followed by -300 thru -999.

Type H7CN may be followed by T, may be followed by A, B, C, D, E, F, X or Y, followed by H or L, may be followed by C, F, K, N, Q or R, may be followed by M, may be followed by S, may be followed by additional number (s) and or letter (s).

Type H5CX followed by A or L, may be followed by 8 or 11, may be followed by S, may be followed by D, may be followed by G, may be followed by 300 thru 999.

Type H7CX followed by A, may be followed by 11, may be followed by 4, may be followed by U or

W, may be followed by S, may be followed by D or D1, may be followed by G, may be followed by 300 thru 999.

Type H8PR followed by 8, 16 or 24, may be followed by P, may be followed by 1 thru 9, may be followed by 300 thru 999.

**Timer**, Type H5CX followed by B, followed by W, followed by S, followed by D, may be followed by G, may be followed by additional number from 300 thru 999.

**Nonadjustable timer relay.** Type J92-TS100.

**Open type timers.** Type H3AM followed by NS or NSR, may be followed by A, B or C, may be followed by 300 thru 999.

Type H3DS followed by AL, GL, ML or SL, may be followed by C, may be followed by a number from 300 thru 999.

Type H3JA followed by 8, followed by A or C, may be followed by an additional number from 300 thru 999.

Type H3DS followed by FL or XL, may be followed by C, may be followed by a number from 300 thru 999.

Type H5CNT followed by X, followed by A, B or C, followed by N, may be followed by an additional number 300 thru 999.

**Counters/timers.** Type H8GN-A followed by D, may be followed by FLK, may be followed by an additional number 300 thru 999.

**Dip timer.** Type H3FA may be followed by S, followed by A or B, may be followed by suffix U, may be followed by 300 thru 999.

**Multifunction solid state time, for use in industrial control equipment.** H3CA-A, -FA, -8 or -8H may be followed by 300 thru 999.

**Solid state timer, for use in microwave cooking appliances.** Socket Types PT08, -08-0, PTF081.

**Open type sensor controller, for industrial control applications.** Types S3D, S3D8 may be followed by CC or CK, may be followed by F, may be followed by P, followed by -US.

**Open type programmable display unit.** Type M7FB-15R.

Type VICC-DT followed by 01 thru 99, followed by 0 thru 9, may be followed by a blank or A thru Z, may be followed by V1 thru V99, may be followed by 300 thru 999.

**Open type counters.** Type H8BM followed by A or B, may be followed by D, DP or P, may be followed by 300 thru 999.

Type H7GP followed by C or T, may be followed by D, may be followed by B, may be followed by 300 thru 999; Type H7HP followed by A or C, may be followed by 8, may be followed by D, may be followed by B, may be followed by 300 thru 999.

**Productivity monitor.** Type P100 followed by A or B, may be followed by E or E1, may be

followed by 300 thru 999.

**Open type lamp input unit for industrial application.**Type VICC-LA followed by 01 thru 99, followed by 0 thru 9, may be followed by a blank or A thru Z, may be followed by 300 thru 999.

**Open type switch output unit for industrial application.**Type VICC-SW followed by 01 thru 99, followed by 0 thru 9, may be followed by a blank or A thru Z, may be followed by 300 thru 999.

**Output expansion units.**Model S32 followed by -A3C, -A3K, C1A or RS1.

Type S32 followed by -A4C-US or -A4K-US.

**Setting unit.**Type S3D-P-US.

**Sensor controllers.**Type S3D2- followed by AK, BK, CC or CK, may be followed by B, followed by -US.

Types S3D-US Series, S3D8-US Series.

**Linear sensor controllers.**Open Type S3A-US not for panel mounting in enclosure doors and walls.

Type Z4W-DD1C may be followed by additional suffix letters and/or numbers.

Models S3A-DAK-US, -DVR-US.

**Temperature controllers for use in industrial application.**Type VICC-TC followed by 01 thru 99, followed by 0 thru 9, may be followed by A thru Z, may be followed by V1 thru V99, may be followed by 300 thru 999.

**Multiple counters for industrial control applications.**Cat. No. H8PA may be followed by Y.

Type VICC-CT followed by 01 thru 99, followed by 0 thru 9, may be followed by a blank or A thru Z, may be followed by 300 thru 999.

Type VICC-TR followed by from 01 thru 99, followed by 0 thru 9, may be followed by a blank or A thru Z, may be followed by 300 thru 999.

Type H7CL followed by A, may be followed by D, may be followed by S, may be followed by 300 thru 999.

**Solid state relays for use in industrial control equipment and business equipment.**Type G3TB followed by I or O, followed by A or D, followed by 2, X or Z, followed by 01, 03 or R02, followed by P, followed by L, Z or a blank, may be followed by M, followed by US.

**Solid state relay for use in industrial application.**Cat. No. V5-001C.

**Open type solid state cam positioner for use in industrial application.**Model H8PS followed by 8A or 8B, may be followed by F, may be followed by P, may be followed by -300 thru -999.

**Solid state relays for use in clothes dryers, washing machines and similar devices,** Types(+) G2H-2, -1A or 2, B or 3, 12 (-, 3 or 4), (T or T1), (US or UA) may be followed by additional numbers and/or letters. Type G2H- (-, 2) -UA may be followed by additional numbers and/or letters.

**Open type mechanically operated switches for use in microwave cooking appliances.**Type(+) G7H-1 may be followed by O, followed by 142T, may be followed by additional letters and/or numbers.

Type G7HN followed by 1, followed by A or B, may be followed by letter(s) and/or number(s).

**Open type for use in industrial applications.**Type G2L-1 followed by up to three characters.

Type G2L-1-V followed by up to three characters.

Cat. No. A-20 followed by F, G or H, with or without any from the following Groups: (1 thru 5), (6 thru 999), D##, K##, L##, N21, N22, NJ##, NJS##, Q####, QN21, QN22, S##, V#####), (N, S), - (1, 2, 3), (A, A2, A4, A23, A42, B###, B8L, B8R, B87L, B87R, BC###, BP, BP1 thru BP9, B3P, B3P1 thru B3P9, C###, C3L, C3R, P##), (E, E2), -(103, 105 thru 108, 110), -(K, K1, K2, K5), -(#\*).

Cat. No. DZ-10G with or without any from the following groups: (1 thru 5), (##\*, D##\*, K##\*, L##\*, NJ##\*, NJS##\*, Q####\*, S##\*, V#####\*, W#####\*), (S), (55, 551, 552, 556 thru 559), followed by -1, -2 or -3, with or without any from the following groups: (A, A1 thru A9, B##, C2 thru C99), (T) -(105, 107, 108) -(K, K1, K2) -(#\*).

Cat. No. J-7 with or without any from the following groups: (Y)-(H, K, L##, V##, 1 thru 9)-(1, 2, 3), (A, A1 thru A9, B, B1 thru B9, C, C1 thru C9, D, D1 thru D9)-(#\*).

Cat. No. Z-10F with or without 1 thru 5, with or without 6 thru 999\*, D##\*, K##\*, L##\*, M##\*, NJ##\*, NJS##\*, Q####\*, S##\* or W#####\*, followed by NY, SY or Y, with or without 55, 551, 552 or 556 thru 559, with or without -1, -2 or -3, followed by B###, B3P, B3P1 thru B3P9, with or without E, E2, E4 or E5, with or without -103, -105 thru -108 or -110, with or without -K, -K1, -K2 or -K5, with or without -#\*.

Cat. No. C-5- with or without any from the following groups: (1, 2, 3), (A), (6), (7, 10), -(#\*).

Cat. No. Z-05, Z-10 or Z-15 followed by E, F, G, H or P, with or without any from the following groups: (1 thru 5), (6 thru 999\*, D##\*, K##\*, L##\*, M#####\*, N21, N22, NJ##\*, NJS##\*, Q####\*, QN, QN21, QN22, S##\*, W, W1 thru W999999\*, W22N162, W38L, W38R, W171R), (N,S), (A, R, R1 thru R9), (55, 551, 552, 556 thru 559)-(1, 2, 3), (A, A##, B###, B3P1 thru B3P9, B8L, B8R, B87L, B87R, BC###, BP, BP1 thru BP9, C###, C3L, C3R, P##), (E, E2, E4, E5), (V), (T)-(103, 105 thru 108, 110)-(K, K1, K2, K5)-(#\*).

Cat. No. D2MP with or without 1, 2, 4 thru 9, L## or V##, followed by -3, followed by C or C1 thru C9, with or without L or R, with or without -(#\*).

Cat. No. D2MC-01, -5 followed by E, F or H, with or without any from the following groups: (L), (1, 2), -(3 thru 99, 2P##, 2T##, P##, T##), -(#\*).

Cat. No. S followed by -1, -2 or -3, with or without A##, with or without L##### or W#####, with or without -#\*.

Cat. No. X-10 followed by F or G, with or without any from the following groups: (1 thru 5), (6 thru 999, D##, K##, L##, M#####, N21, N22, NJ##, NJS##, Q####, QN, QN21, QN22, S##, W, W1 thru W999999), (N, S) -(1, 2, 3), (A, A2, A4, A23, A42, B###, B3P, B3P1 thru B3P9, B8L, B8R, B87L, B87R, BC###, BP, BP1 thru -9, C###, P##), (E, E2) -(2) -(105, 108) -(K, K1, K2, K5) -(#\*).

Cat. No. A2M-2B81.

Type Z-10 followed by G, G1, G2, G3, G4 or G5, followed by blank or 6 thru 999 (except 55 or 555), D, D## (except D55), K, K# (except K55), L, L## (except L55), M, M#### (except M55, M555, M5555), NJ, NJ## (except NJ55), NJS, NJS## (except NJS55), Q, Q#### (except Q55, Q555, Q5555), S, S## (except S55), W, W#### (except W55, W555, W5555), followed by blank or S, followed by blank or N, followed by T, followed by blank, 1, 2 or 3 followed by B or B###, BC, BC##, BP, BP1 thru -9, B3P, B3P1 thru B3P9, followed by blank, followed by blank or K, K1, K2, K5, followed by blank or #.

Cat. No. D2JW-01 followed by blank or 1 thru 99 or K, with or without letters and numbers, max four characters, followed by 1, 2 or 3, followed by blank or with or without letters and numbers, max three characters.

Cat. No. C3B followed by E or F, may be followed by 1, 2 or 4, may be followed by up to six letters and/or numbers. Cat. No. C3B followed by F, followed by -12, may be followed by 1, 2 or 3, may be followed by up to six letters and/or numbers.

Cat. No. C3BC may be followed by -B, -SH.

Cat. No. C3KE may be followed by up to three letters and/or numbers.

Cat. No. C3BH.

Cat. No. C3KL may be followed by up to three letters and/or numbers.

Cat. No. C3L followed by A, B, C or D, followed by 1, followed by A, may be followed by letters and/or numbers.

Cat. No. AF20G followed by D##\* or N##\*, followed by -L or -R, with or without any from the following groups: (TC, TH) -(G, S) - (##\*).

Model C3X Series trigger switch.

Model C3MA trigger switch.

Model C3W trigger switch, may be followed by T, followed by 15, followed by A, B, C or D, may be followed by 1, may be followed by T, followed by H, LC, LT, SC or ST.

Model SDV-F followed by H, L or M, followed by 1, 2, 3, 4, 5, 6 or 7, may be followed by T.

Model GBSB followed by 1, may be followed by 4, may be followed by additional suffixes.

**Trigger switch**, Model C3S followed by a letter, followed by a maximum six digit number(s) and/or letter(s), may be followed by 1, 2, 3 or maximum six digit letter(s) and/or number(s), may be followed by additional letter(s) and/or number(s).

(+)UL Recognized products must bear the Recognition mark.

++-6 thru 260.

+++-6 thru 130.

#With or without up to six letters and/or numbers.



##With or without one or two letters and/or numbers.

###With or without up to three letters and/or numbers.

####With or without up to four letters and/or numbers.

#####With or without up to five letters and/or numbers.

\*When used, indicates that these characters do not duplicate any of the possible character combinations from other nomenclature items.

\*\*With or without letters or numbers.

\*\*\*Suffix numbers.

Marking: Company name or "OMRON" and type, model or catalog designation on device.

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## Online Certifications Directory

### **NRNT2.GuideInfo Switches, Industrial Control - Component**

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#### **[Industrial Control Equipment] Switches, Industrial Control - Component**

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Switches rated in horsepower or intended for use in control circuits will be found under their appropriate classification such as Motor Controllers or Auxiliary Devices.

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