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## NKCR2.E76675

### Auxiliary Devices - Component

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See General Information for Auxiliary Devices - Component

**OMRON CORP**

E76675

SAFETY STANDARDS GROUP

IAB TECHNOLOGY DEVELOPMENT CENTER H Q

SHIOKOJI HORIKAWA, SHIMOGYO-KU

KYOTO 600-8530, JAPAN

**Cord connected proximity switches**, Cat. No. E2E followed by X, followed by 5, 10 or 18, may be followed by M, followed by Y, followed by 1 or 2, followed by 53, followed by US.

Cat. No. E2F followed by X, followed by 5 or 10, may be followed by M, followed by Y, followed by 1 or 2, may be followed by 53, followed by US.

Cat. No. E2K-X followed by 4, 8 or 15, followed by M, followed by Y, followed by 1 or 2, may be followed by -US.

Cat. No. D4MC followed by 100 thru 599, followed by 0, may be followed by 1 thru 99, CR or CR1 thru CR99, RP, RP1 thru RP99, TC, TC1 thru TC99, may be followed by 2 or 3, may be followed by B1 thru B99, may be followed by C, may be followed by additional letter(s).

Cat. No. E2E-X followed by 2, 5, 10 or 18, with or without M, followed by Y, followed by 1 or 2, with or without 5, followed by M1, M4 or US.

Cat. No. E2E2-X followed by 2, 5, 10 or 18, with or without M, followed by Y, followed by 1 or 2, with or without 5, followed by M4 or US.

Cat. No. ZC followed by D, D1 thru D99 (except D55), N, N1 thru N99 (except N55), Q, Q1 thru Q99 (except Q55), W or W1 thru W99 (except W55), followed by 55, may be followed by 01, may be followed by 1 thru 99, CR or CR1 thru CR99, RP, RP1 thru RP99, TC, TC1 thru TC99, may be followed by additional letter(s).

**Enable switch**, Model A4E followed by B or C, followed by 2, followed by 0 or 1, followed by 0, 1 or 2, followed by H, S or V, followed by A or S, may be followed by additional letter(s) and/or number(s).

**Limit switches**, Type D4E followed by 1 or 3, followed by A, B, C, D, E, F, G, H, J, K or Q, followed by 20, 21, 22 or 25, followed by N, may be followed by MIJ###, where ### is up to a five digit symbol of letter(s) and/or number (s), may be followed by up to six letters and/or numbers.

Type D4B followed by -1, -2, -3, -4, -5 or -6, followed by -1 or -3, followed by 1 through 8, followed by up to two digits or numbers, may be followed by letters and/or numbers. Type D4B followed by -1, -2, -3, -4, -5, -6, -7 or -8, followed by -1, -2, -3, -4, -5, -6, -7, -8, -A, -B, -C or -D, followed by 1 through 8 or 00, may be followed by up to two numbers or letters, followed by N, may be followed by LD or LE, may be followed by K15 or NSUK, may be followed by letters and/or numbers. Type D4BS followed by -1, -2, -3, -4, -5, -6, -7 or -8, followed by 5, 6, 7, 8, A or

B, followed by B, F, L or R, followed by S, may be followed by LD or LE, may be followed by additional numbers and/or letters.

Type D4D followed by -1 or -2, followed by 1, followed by two digit numbers. Type D4D followed by 1, 2, 3, 4, 5, 6, 7 or 8, followed by 1, 3, 5, 6, A or B, followed by 1, 2, 3, 6, 7 or 8, may be followed by 1 or 2 numbers or letters, followed by N or R, may be followed by up to a six digit number and/or letters.

Type D4DH followed by -1, -2, -3, -4, -5, -6, -7 or -8, followed by -5, -6, -A or -B, followed by -AS, -BC, -BL or -BR, may be followed by six digits, letters and/or numbers.

Type D4DL followed by -1, -2, -3 or -4, followed by -C, -D, -E or -F, followed by -B, -F, -L or -R, followed by -A, -B, -C, -G, -H or -J, followed by blank or -B, -C, -E or -F, may or may not be followed by the maximum of 6 digit(s), letter(s) and/or number(s).

Type D4DS followed by -1, -2, -3, -5, -6, -7 or -8, followed by 5 or A, followed by F, followed by S, may be followed by additional numbers and/or letters.

**Safety door switches** , Type D4BL Series.

Type D4GS may be followed by 1, 2, 3, or 4, may be followed by up to two letters and/or numbers, may be followed by up to six letters and/or numbers.

Type D4GS-N followed by 1, 2, 3 or 4, followed by R or T, may be followed by 3, 5 or up to two letter and/or numbers, may be followed by up to six letters and/or numbers.

Type D4GS-NK followed by 1, 2 or 4, may be followed by E, may be followed by up to six letters and/or numbers.

**Safety relay units**, Model No. G9SA followed by 3, followed by 0 or 2, followed by 0 or 1, followed by SC, may be followed by additional letter(s) and/or number(s).

Model No. G9SB followed by 2, 3, 5 or 7, followed by 0, 2 or 3, followed by 0, 1 or 2, may be followed by 1 or 2, followed by RT, may be followed by P2 or N2, may be followed by additional letter(s) and/or number(s).

Model No. G9SB may be followed by 2 or 3, followed by 0, followed by 0 or 1, may be followed by 0 or 2, may be followed by RT or RC, may be followed by P, may be followed by A, B, C or D, may be followed by additional letter (s) and/or number(s).

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

(+)-When used, indicated that these characters do not duplicate any of the possible character combinations.

Marking: Company name or trademark **OMRON** and catalog, type or model designation.

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## **NKCR2.GuideInfo Auxiliary Devices - Component**

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### **[Industrial Control Equipment - Component] (Motor Controllers - Component) Auxiliary Devices - Component**

#### **See General Information for Motor Controllers - Component**

The devices covered under this category are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN COMPLETE EQUIPMENT SUBMITTED TO UNDERWRITERS LABORATORIES INC.

This category covers the following component devices:

Magnetically operated control switches.

Thermal and magnetic overload relays.

Time delay relays.

Push button stations including selector switches and pilot lights.

Machine operated switches.

Devices listed in this section are for use in control circuits of magnetic motor controllers and the like.

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## NJOT2.GuideInfo Motor Controllers - Component

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### [Industrial Control Equipment - Component] Motor Controllers - Component

#### See General Information for Industrial Control Equipment - Component

This category covers the following component devices: auxiliary devices, float- and pressure-operated motor controllers, magnetic motor controllers, manual motor controllers, miscellaneous apparatus and miscellaneous motor controllers.

Component motor controllers provided with motor running overcurrent protection may be protected against overcurrent due to short-circuit or grounds by fuses having ratings not exceeding four times the full load current of the motor with which they are intended to be used, except component motor controllers which may be protected only by fuses having ratings less than four times the full load current of the motor with which they are intended to be used are marked with the limit of fuse protection.

Unless otherwise marked, motor controllers provided with motor running overcurrent protection are suitable for use on circuits having available fault currents not greater than:

Rating HP	RMS Symmetrical Amps
1 or less	1,000
1-1/2 to 50	5,000
51 to 200	10,000
201 to 400	18,000
401 to 600	30,000
601 to 900	42,000
901 to 1600	85,000

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