

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

CONNECTOR

●PCB CONNECTOR

| Model | Standards | Number of poles | Standard No. | Rating | |
|--|---|--|------------------|--|--|
| XG4A XG4C | UL Approved Models (Recognized) | 10, 14, 16, 20, 26, 30, 34, 40, 50, 60, 64 | E103202 (UL1977) | 3A AC 300V | |
| XG4E XG4M | UL Approved Models (Recognized) | 10, 14, 16, 20, 26, 30, 34, 40, 50, 60, 64 | E103202 (UL1977) | 1A AC 250V | |
| XG4S XG4T | UL Approved Models (Recognized) | 10, 14, 16, 20, 26, 30, 34, 40, 50, 60, 64 | E103202 (UL1977) | — | |
| XG4H | UL Approved Models (Recognized) | 10, 14, 16, 20, 26, 30, 34, 40, 50, 60, 64 | E103202 (UL1977) | 1A AC/DC 150V | |
| XG8A | UL Approved Models (Recognized) | 1~50 | E103202 (UL1977) | 3A AC 300V | |
| XG8B | UL Approved Models (Recognized) | 2~100 | E103202 (UL1977) | 3A AC 300V | |
| XG8W | UL Approved Models (Recognized) | 10~60 | E103202 (UL1977) | 1A AC 300V | |
| XG8V | UL Approved Models (Recognized) | 2~36 | E103202 (UL1977) | 1A AC 300V | |
| XG5M | UL Approved Models (Recognized) | 10, 14, 16, 20, 26, 30, 34, 40, 50, 60, 64 | E103202 (UL1977) | AWG24: 1.6A AWG26, 28: 1A AC 300V | |
| XG5N | UL/C-UL Approved Models (Recognized) | 10, 14, 16, 20, 26, 30, 34, 40, 50, 60, 64 | E103202 (UL1977) | 1A AC 200V | |
| XN2D-1□□□ | UL/C-UL Approved Models (Recognized) | 3, 4, 5, 6, 8 | E103202 (UL1977) | 3A DC 32V | |
| XN2D-44□□ | UL/C-UL Approved Models (Recognized) | 16 | E103202 (UL1977) | 1A DC 32V | |
| XN2A | UL/C-UL Approved Models (Recognized) | 3, 4, 5, 6, 8 | E103202 (UL1977) | AWG20: 3A AWG22: 2A AWG24: 1A AWG26, 28: 0.5A DC 30V | |
| XN2B | UL/C-UL Approved Models (Recognized) | 4 | E103202 (UL1977) | AWG20: 3A AWG22: 2A AWG24: 1A AWG26, 28: 0.5A DC 30V | |
| XW4E-□□B1-V1 XW4E-□□C1-V1 XW4E-□□B1-S1 XW4E-□□C1-S1 | UL/C-UL (CSA) Approved Models (Recognized) | 02, 03, 04, 05, 06, 07, 08, 09, 10 | E245101 (UL1059) | 10A AC 300V | |
| XW4E-□□B2-V1 | UL/C-UL (CSA) Approved Models (Recognized) | 04, 06, 08, 10, 12, 14, 16, 18, 20 | E245101 (UL1059) | 10A AC 300V | |
| XW4E-□□C2-V1 | UL/C-UL (CSA) Approved Models (Recognized) | 04, 06 | E245101 (UL1059) | 10A AC 300V | |
| XW4B-□□B1-H1 | UL/C-UL (CSA) Approved Models (Recognized) | 02, 03, 04, 05, 06, 07, 08, 09, 10 | E245101 (UL1059) | 8A AC 300V | |
| XW4B-□□C1-H1 | UL/C-UL (CSA) Approved Models (Recognized) | 02, 03, 04, 05, 06, 07, 08, 09, 10 | E245101 (UL1059) | 15A AC 300V | |
| XW4A-□□B1-H1 XW4A-□□B1-V1 | UL/C-UL (CSA) Approved Models (Recognized) | 02, 03, 04, 05, 06, 07, 08, 09, 10 | E245101 (UL1059) | 8A AC 300V | |
| XW4A-□□C1-H1 XW4A-□□C1-V1 | UL/C-UL (CSA) Approved Models (Recognized) | 02, 03, 04, 05, 06, 07, 08, 09, 10 | E245101 (UL1059) | 16A AC 300V | |

*omron's specified ratings may differ from the UL/C-UL/CSA ratings listed above.

Models with Standards Certification

Oct. 2014

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| Model | Standards | Number of poles | Standard No. | Rating | |
|--------------|--------------------------------------|--|------------------|-------------------------------|--|
| XC8 | UL Approved Models (Recognized) | Omron's specified ratings may differ from the UL ratings listed above. | E103202 (UL1977) | 1A AC 500V | |
| XC9 | UL Approved Models (Recognized) | Omron's specified ratings may differ from the UL ratings listed above. | E103202 (UL1977) | 1A AC 500V | |
| XC3 | UL Approved Models (Recognized) | Omron's specified ratings may differ from the UL ratings listed above. | E103202 (UL1977) | 1A AC 500V | |
| XH3A XH3B | UL Approved Models (Recognized) | 20, 30, 40, 50, 60, 68, 80, 100, 120 | E103202 (UL1977) | 0.5A AC 125V | |
| XH4A | UL Approved Models (Recognized) | 40, 60, 80, 100 (Excluding SMT) | E103202 (UL1977) | 0.5A AC 125V | |
| XH2A XH2B | UL Approved Models (Recognized) | 20, 30, 40, 50, 60, 68, 80, 100 | E103202 (UL1977) | 0.5A AC 125V | |
| XC5A | UL Approved Models (Recognized) | 16, 20, 24, 30, 32, 44, 50, 60, 64, 100 | E103202 (UL1977) | 2A AC 300V | |
| | CSA Approved Models (Certified) | 16, 20, 24, 30, 32, 44, 50, 60, 64, 100 | LR62678 | 2A AC 300V | |
| XC5B | UL Approved Models (Recognized) | 14, 16, 20, 24, 30, 32, 40, 44, 50, 64, 100 | E103202 (UL1977) | 2A AC 300V | |
| | CSA Approved Models (Certified) | 14, 16, 20, 24, 30, 32, 40, 44, 50, 64, 100 | LR62678 | 2A AC 300V | |
| XC5C XC5D | UL Approved Models (Recognized) | 32, 48, 64, 96 | E103202 (UL1977) | 2A AC 300V | |
| | CSA Approved Models (Certified) | 32, 48, 64, 96 | LR62678 | 2A AC 300V | |
| XC5E | UL Approved Models (Recognized) | 10, 12, 14, 20, 24, 30, 32, 44, 50, 64, 100 | E103202 (UL1977) | 2A AC 300V | |
| | CSA Approved Models (Certified) | 10, 12, 14, 20, 24, 30, 32, 44, 50, 64, 100 | LR62678 | 2A AC 300V | |
| XC5F | UL Approved Models (Recognized) | 20, 30, 32, 44, 50, 64, 100 | E103202 (UL1977) | 2A AC 300V | |
| | CSA Approved Models (Certified) | 20, 30, 32, 44, 50, 64, 100 | LR62678 | 2A AC 300V | |
| XC5G XC5H | UL Approved Models (Recognized) | 48, 64, 96 | E103202 (UL1977) | 2A AC 300V | |
| | CSA Approved Models (Certified) | 48, 64, 96 | LR62678 | 2A AC 300V | |
| XC4 | UL Approved Models (Recognized) | Omron's specified ratings may differ from the UL ratings listed above. | E103202 (UL1977) | Rating varies by part numbers | |
| XM3A | UL/C-UL Approved Models (Recognized) | 9, 15, 25, 37 (Omron's specified ratings may differ from the UL/C-UL ratings listed above.) | E103202 (UL1977) | 1.5A AC 300V | |
| XM3B | UL Approved Models (Recognized) | 9, 15, 25, 37 | E103202 (UL1977) | 5A AC 300V | |
| XM3C | UL/C-UL Approved Models (Recognized) | 9, 15, 25, 37 (Omron's specified ratings may differ from the UL/C-UL ratings listed above.) | E103202 (UL1977) | 1.5A AC 300V | |

*omron's specified ratings may differ from the UL/C-UL/CSA ratings listed above.

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| Model | Standards | Number of poles | Standard No. | Rating | |
|-------|--------------------------------------|---|------------------|--------------|--|
| XM3D | UL/C-UL Approved Models (Recognized) | 9、15、25、37 (Omron's specified ratings may differ from the UL/C-UL ratings listed above.) | E103202 (UL1977) | 1.5A AC 300V | |
| XM3F | UL/C-UL Approved Models (Recognized) | 9、15、25、37 (Omron's specified ratings may differ from the UL/C-UL ratings listed above.) | E103202 (UL1977) | 1.5A AC 300V | |
| XM2-L | UL Approved Models (Recognized) | 9、15、25 (Omron's specified ratings may differ from the UL ratings listed above.) | E103202 (UL1977) | 3A AC 300V | |
| XM3-L | UL Approved Models (Recognized) | 9、15、25 (Omron's specified ratings may differ from the UL ratings listed above.) | E103202 (UL1977) | 3A AC 300V | |
| XM4K | UL Approved Models (Recognized) | 15 (Omron's specified ratings may differ from the UL ratings listed above.) | E103202 (UL1977) | 3A AC 300V | |
| XM4L | UL Approved Models (Recognized) | 15 (Omron's specified ratings may differ from the UL ratings listed above.) | E103202 (UL1977) | 3A AC 300V | |
| XR2A | UL Approved Models (Recognized) | 8、14、16、18、20、22、24、28、32、40、42、48、50、64 | E103202 (UL1977) | 1A AC 300V | |
| XR2B | UL Approved Models (Recognized) | 16、24、28、32、40 | E103202 (UL1977) | 1A AC 300V | |
| XR2C | UL Approved Models (Recognized) | 2~32 | E103202 (UL1977) | 1A AC 300V | |
| XR2T | UL Approved Models (Recognized) | 8、14、16、18、20、22、24、28、32、40、48 | E103202 (UL1977) | 1A AC 300V | |
| XJ8A | UL Approved Models (Recognized) | 2 | E103202 (UL1977) | 2A AC 300V | |
| XJ8B | UL Approved Models (Recognized) | 2~16 | E103202 (UL1977) | 2A AC 300V | |
| XJ8C | UL Approved Models (Recognized) | 2~16 | E103202 (UL1977) | 2A AC 300V | |
| XJ8D | UL Approved Models (Recognized) | 2~24 | E103202 (UL1977) | 2A AC 300V | |

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SWITCH

●Micro Switch

| Model | Standards | Standard No. | Rating | |
|--------|---------------------------------|----------------------------|---|--|
| V-21 | UL Approved Models (Recognized) | E41515 (UL1054) | 21A 125V, 21A 250V AC (General Use) 0.6A 125 V, 0.3A 250V DC (Resistive) 1/2HP 125V, 1/2HP 250V AC (Rated horsepower) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 21A 125V, 21A 250V AC (General Use) 0.6A 125 V, 0.3A 250V DC (Resistive) 1/2HP 125V, 1/2HP 250V AC (Rated horsepower) | |
| | VDE Approved Models | 40025231 (EN61058-1) | 20 (4) A 250VAC (Resistive and Motor) 50,000 operation with rated load | |
| V-16 | UL Approved Models (Recognized) | E41515 (UL1054) | 16A 125V, 16A 250V AC (General Use) 0.6A 125 V, 0.3A 250V DC (Resistive) 1/2HP 125V, 1/2HP 250V AC (Rated horsepower) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 16A 125V, 16A 250V AC (General Use) 0.6A 125 V, 0.3A 250V DC (Resistive) 1/2HP 125V, 1/2HP 250V AC (Rated horsepower) | |
| | VDE Approved Models | 40025231 (EN61058-1) | 16 (3) A 250VAC (Resistive and Motor) 50,000 operation with rated load | |
| V-15 | UL Approved Models (Recognized) | E41515 (UL1054) | 15A 125V, 15A 250V AC (General Use) 0.6A 125 V, 0.3A 250V DC (Resistive) 1/2HP 125V, 1/2HP 250V AC (Rated horsepower) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 15A 125V, 15A 250V AC (General Use) 0.6A 125 V, 0.3A 250V DC (Resistive) 1/2HP 125V, 1/2HP 250V AC (Rated horsepower) | |
| V-11 | UL Approved Models (Recognized) | E41515 (UL1054) | 11A 125V, 11A 250V AC (General Use) 0.6A 125 V, 0.3A 250V DC (Resistive) 1/2HP 125V, 1/2HP 250V AC (Rated horsepower) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 11A 125V, 11A 250V AC (General Use) 0.6A 125 V, 0.3A 250V DC (Resistive) 1/2HP 125V, 1/2HP 250V AC (Rated horsepower) | |
| | VDE Approved Models | 40025231 (EN61058-1) | 11 (2) A 250VAC (Resistive and Motor) 50,000 operation with rated load | |
| V-10 | UL Approved Models (Recognized) | E41515 (UL1054) | 10A 125V, 10A 250V AC (General Use) 0.6A 125 V, 0.3A 250V DC (Resistive) 1/2HP 125V, 1/2HP 250V AC (Rated horsepower) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 10A 125V, 10A 250V AC (General Use) 0.6A 125 V, 0.3A 250V DC (Resistive) 1/2HP 125V, 1/2HP 250V AC (Rated horsepower) | |
| D3V-01 | UL Approved Models (Recognized) | E41515 (UL1054) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | VDE Approved Models | 40024894 (EN61058-1) | 0.1A 125V AC (Resistive) 50,000 operation with rated load | |

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| Model | Standards | Standard No. | Rating | |
|---------|---------------------------------|----------------------------|--|--|
| VX-5 | UL Approved Models (Recognized) | E41515 (UL1054) | 5A 125V AC, 5A 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 5A 125V AC, 5A 250V AC (General Use) | |
| | VDE Approved Models | 124761 (EN61058-1) | 5A 250V AC (Resistive) 50,000 operation with rated load 5A 125V AC (Resistive) 50,000 operation with rated load | |
| VX-01 | UL Approved Models (Recognized) | E41515 (UL1054) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | VDE Approved Models | 124761 (EN61058-1) | 0.1A 125V AC (Resistive) 50,000 operation with rated load | |
| D2MV-1 | UL Approved Models (Recognized) | E41515 (UL1054) | 1A 125V AC (General Use) 1A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 1A 125V AC (General Use) 1A 30V DC (Resistive) | |
| D2MV-01 | UL Approved Models (Recognized) | E41515 (UL1054) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| D2MC-5 | UL Approved Models (Recognized) | E41515 (UL1054) | 5A 125 V, 5A 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 5A 125 V, 5A 250V AC (General Use) | |
| D2MC-01 | UL Approved Models (Recognized) | E41515 (UL1054) | 0.5A 125V AC (General Use) 0.5A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 0.5A 125V AC (General Use) 0.5A 30V DC (Resistive) | |
| D3M | UL Approved Models (Recognized) | E41515 (UL1054) | 0.1A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 0.1A 30V DC (Resistive) | |
| | TÜV Approved Models | R9750979 (EN61058-1) | 0.1A 30V DC (Resistive) 100,000 operation with rated load | |
| SS-10 | UL Approved Models (Recognized) | E41515 (UL1054) | 10.1A 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 10.1A 250V AC (General Use) | |
| | TÜV Approved Models | 125256 (EN61058-1) | 10A 250V AC (Resistive) 50,000 operation with rated load | |
| SS-5 | UL Approved Models (Recognized) | E41515 (UL1054) | 5A 125V, 3A 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 5A 125V, 3A 250V AC (General Use) | |
| | TÜV Approved Models | 129246 (EN61058-1) | 5A 250V AC (Resistive) 50,000 operation with rated load | |

Models with Standards Certification

Oct. 2014

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|--------|--|------------------------------------|---|--|
| SS-01 | UL Approved Models (Recognized) | E41515 (UL1054) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| SS-3P | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054) (CSAC22.2No.55) | 3A 125V AC (Resistive) 3A 30V DC (Resistive) | |
| | VDE Approved Models | 40008425 (EN61058-1) | 3A 125V AC (Resistive) 50,000 operation with rated load 3A 30V DC (Resistive) 50,000 operation with rated load | |
| SS-01P | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054) (CSAC22.2No.55) | 0.1A 125V AC (Resistive) 0.1A 30V DC (Resistive) | |
| | VDE Approved Models | 40008425 (EN61058-1) | 0.1A 125V AC (Resistive) 50,000 operation with rated load 0.1A 30V DC (Resistive) 50,000 operation with rated load | |
| D2S-10 | UL Approved Models (Recognized) | E41515 (UL1054) | 10.1A 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 10.1A 250V AC (General Use) | |
| D2S-5 | UL Approved Models (Recognized) | E41515 (UL1054) | 5A 125V AC, 3A 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 5A 125V AC, 3A 250V AC (General Use) | |
| D2S-01 | UL Approved Models (Recognized) | E41515 (UL1054) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| D2F | UL Approved Models (Recognized) | E41515 (UL1054) | 3A 125V AC (General Use) 2A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 3A 125V AC (General Use) 2A 30V DC (Resistive) | |
| D2F-F | UL Approved Models (Recognized) | E41515 (UL1054) | 1A 125V AC (General Use) 0.5A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 1A 125V AC (General Use) 0.5A 30V DC (Resistive) | |
| D2F-01 | UL Approved Models (Recognized) | E41515 (UL1054) | 0.1A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 0.1A 30V DC (Resistive) | |
| J-7 | UL Approved Models (Recognized) | E41515 (UL508) | 7A 125V, 7A 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 7A 125V, 7A 250V AC (General Use) | |
| D2VW-5 | UL Approved Models (Recognized) | E41515 (UL1054) | 3A 125, 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 3A 125, 250V AC (General Use) | |
| | VDE Approved Models | 104068 (EN61058-1) | 3A 250V AC (Resistive) 25,000 operation with rated load | |

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| Model | Standards | Standard No. | Rating | |
|----------|---|------------------------------------|---|--|
| D2VW-01 | UL Approved Models (Recognized) | E41515 (UL1054) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | VDE Approved Models | 104068 (EN61058-1) | 0.1A 125V AC (Resistive) 100,000 operation with rated load | |
| D2SW-3 | UL Approved Models (Recognized) | E41515 (UL1054) | 3A 125V AC, 2A 250V AC (General Use) 3A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 3A 125V AC, 2A 250V AC (General Use) 3A 30V DC (Resistive) | |
| | VDE Approved Models | 85002 (EN61508-1) | 2A 250V AC (Resistive) 30,000 operation with rated load 2A 30V DC (Resistive) 30,000 operation with rated load | |
| D2SW-01 | UL Approved Models (Recognized) | E41515 (UL1054) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | VDE Approved Models | 85002 (EN61058-1) | 0.1A 125V AC (Resistive) 50,000 operation with rated load 0.1A 30V DC (Resistive) 50,000 operation with rated load | |
| D2SW-P2 | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054) (CSAC22.2No.55) | 2A 250V AC (General Use) 2A 30V DC (Resistive) | |
| | VDE Approved Models | 40011840 (EN61058-1) | 2A 250V AC (Resistive) 50,000 operation with rated load 2A 30V DC (Resistive) 50,000 operation with rated load | |
| D2SW-P01 | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054) (CSAC22.2No.55) | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | |
| | VDE Approved Models | 40011840 (EN61058-1) | 0.1A 125V AC (Resistive) 50,000 operation with rated load 0.1A 30V DC (Resistive) 50,000 operation with rated load | |
| D2HW | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054) (CSAC22.2No.55) | 0.1A 125V AC (Resistive) 2A 12V DC (Resistive) 1A 24V DC (Resistive) 0.5A 42V DC (Resistive) | |
| D3D | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054) (CSAC22.2No.55) | 0.5A 250V AC (Resistive) 1A 125V AC (Resistive) | |
| | VDE Approved Models | 40005053 (EN61058-1) | 0.5A 250V AC (Resistive) 50,000 operation with rated load 1A 125V AC (Resistive) 50,000 operation with rated load | |
| D3DC | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054) (CSAC22.2No.55) | 0.1A 30V DC (Resistive) | |
| D2D-1 | UL Approved Models (Recognized) | E41515 (UL1054) | 16A 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 16A 250V AC (General Use) | |
| | VDE Approved Models | 136005 (EN61058-1) | 16 (4) A 250VAC (Resistive and Motor) 10,000 operation with rated load | |
| D2D-2 | UL Approved Models (Recognized) | E41515 (UL1054) | 10A 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 10A 250V AC (General Use) | |
| | VDE Approved Models | 136005 (EN61058-1) | 10A 250V AC (Resistive) 10,000 operation with rated load | |

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| Model | Standards | Standard No. | Rating | |
|-------|--|------------------------------------|--|--|
| D2D-3 | UL Approved Models (Recognized) | E41515 (UL1054) | 16A 250V AC (General Use) 3/4HP 125V, 1-1/2HP 250V AC (Rated horsepower) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 16A 250V AC (General Use) 3/4HP 125V, 1-1/2HP 250V AC (Rated horsepower) | |
| | VDE Approved Models | 136005 (EN61058-1) | 16 (4) A 250VAC (Resistive and Motor) 10,000 operation with rated load | |
| D2T | UL Approved Models (Recognized) | E41515 (UL1054) | 5A 125V AC, 5A 250V AC Terminal 1-2 (General Use) 0.1A 125V AC Terminal 3-4 (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 5A 125V AC, 5A 250V AC Terminal 1-2 (General Use) 0.1A 125V AC Terminal 3-4 (General Use) | |
| | VDE Approved Models | 120144 (EN61058-1) | 5A 250V AC (Terminal 1-2) 50,000 operation with rated load (Resistive) 0.1A 125V AC (Terminal 3-4) 50,000 operation with rated load (Resistive) | |
| C4V-8 | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054) (CSAC22.2No.55) | 8A 250V AC (General Use) | |
| | TÜV Approved Models | R 50175655 (EN61058-1) | 8A 250V AC (Resistive) 10,000 operation with rated load | |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

●Rocker Switch

| Model | Standards | Standard No. | Rating | |
|--------|--|--|--|--|
| A8G | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054/CSAC22.2No.55) | 20A 250V AC (General Use) | |
| | KEMA Approved Models | 2138567.01 (EN61058-1) | 20(8)A 250VAC (Resistive and Motor) | |
| A8A | UL Approved Models (Recognized) | E41515 (UL508) | 16A 125V AC (General Use) 16A 250V AC (General Use) | |
| | CSA Approved Models (Certified) | LR21642 (CSAC22.2No.55) | 16A 125V AC (General Use) 16A 250V AC (General Use) | |
| | VDE Approved Models | 40000785 (EN61058-1) | 16A 250V AC (Resistive) | |
| A8L | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054/CSAC22.2No.55) | 10A 125V AC (General Use) 10A 250V AC (General Use) | |
| | TÜV Approved Models | R50175687 (EN61058-1) | 10(8)A 250VAC (Resistive and Motor) | |
| A8M | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054/CSAC22.2No.55) | 16A 125V AC (General Use) 16A 250V AC (General Use) | |
| | VDE Approved Models | 40026936 (EN61058-1) | 16A 125V AC (Resistive) 16A 250V AC (Resistive) | |
| A8W | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054/CSAC22.2No.55) | 16A 125V AC (General Use) 16A 250V AC (General Use) TV-8 | |
| | DEMKO Approved Models | 152835-05 (EN61058-1) | 16A 125V AC (Resistive) 16A 250V AC (Resistive) | |
| A8N | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL1054/CSAC22.2No.55) | 16A 125V AC (General Use) 16A 250V AC (General Use) TV-8 | |
| | DEMKO Approved Models | 153445-03 (EN61058-1) | 16A 125V AC (Resistive) 16A 250V AC (Resistive) | |
| A8GS | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL610581 /CSAC22.2No.61058-1) | 16A 125V AC (Resistive) 10A 250V AC (Resistive) TV-8 (only model numbers with V in suffix) | |
| | TÜV Approved Models | R 50209538 (EN61058-1) | 10(4)A 250VAC (Power contact) 0.2A 5VDC (Signal contact) 8/128A 250VAC (only model numbers with V in suffix) | |
| A8GS-T | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL61058-1 /CSAC22.2No.61058-1) | 16A 125V AC (Resistive) 10A 250V AC (Resistive) | |
| | TÜV Approved Models | R 5020953-8 (EN61058-1) | 10(4)A 250VAC (Power contact) 0.2A 5VDC (Signal contact) | |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

● Pushbutton Switch

| Model | Standards | Standard No. | Rating | | |
|----------------------|--|--|---|--|-------------------------------|
| A16 | UL/C-UL (CSA) Approved Models (Recognized) | E41515 (UL508/CSAC22.2 No.14) | 5A 125V AC (General Use) 3A 250V AC (General Use) 3A 30V DC (Resistive) | | Certified for the socket unit |
| | TÜV Approved Models | Ask your OMRON representative. (EN60947-5-1) | 3A 250V AC 3A 30V DC | | |
| | CCC Approved Models | 2003010303070678 (GB14048.5) | 5A 125V AC 3A 250V AC 3A 30V DC | | |
| A3A□-9□K A3A□-9□L | UL Approved Models (Recognized) | E41515 (UL508) | 6A 125V AC, 2A 250V AC (General Use) 4A 30V DC (Resistive) | | |
| | CSA Approved Models (Certified) | LR45258 (CSAC22.2 (No.14)) | 6A 125V AC, 2A 250V AC (General Use) 4A 30V DC (Resistive) | | |
| A3A□-9□A A3A□-9□B | UL Approved Models (Recognized) | E41515 (UL508) | 3A 125V AC (General Use) 2A 30V DC (Resistive) | | |
| | CSA Approved Models (Certified) | LR45258 (CSAC22.2 (No.14)) | 3A 125V AC (General Use) 2A 30V DC (Resistive) | | |
| A3C | UL Approved Models (Recognized) | E41515 (UL508) | Standard load | 1A 125 V AC, 0.5A 250V AC (General Use) 1A 30V DC (Resistive) | Certified for the Switch |
| | | | Microload | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | Certified for the Switch |
| | CSA Approved Models (Certified) | LR45258 (CSAC22.2 (No.14)) | Standard load | 1A 125V AC, 0.5A 250V AC (General Use) 1A 30V DC (Resistive) | Certified for the Switch |
| | | | Microload | 0.1A 125V AC (General Use) 0.1A 30V DC (Resistive) | Certified for the Switch |
| | CCC Approved Models | 2010010305398682 (GB14048.5) | Standard load | 0.5A 250V AC | |
| | | | Microload | 0.1A 125V AC | |
| M2C | UL Approved Models (Recognized) | E41515 (UL508) | LED lamp 24V DC max. Incandescent lamp 28V AC/DC 1W max. | | Certified for the main unit |
| | CSA Approved Models (Certified) | LR45258 (CSAC22.2 (No.14)) | LED lamp 24V DC max. Incandescent lamp 28V AC/DC 1W max. | | Certified for the main unit |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

RELAY

●Signal Relay

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|---|---|---------|------------------------|--------------|---|--------------------------|
| G5V-1 | UL Approved Models (Recognized) | 1c | 3~24V DC | E41515 | 0.5A 125V AC (General Use) 40°C 1A 30V DC (Resistive) 40°C 0.3A 110V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1c | 3~24V DC | LR31928 | 0.5A 125V AC (General Use) 40°C 1A 30V DC (Resistive) 40°C 0.3A 110V DC (Resistive) 40°C | |
| G5V-2 | UL Approved Models (Recognized) | 2c | 3~48V DC | E41515 | 0.6A 125V AC (General Use) 40°C 2A 30V DC (Resistive) 40°C 0.6A 110V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 2c | 3~48V DC | LR31928 | 0.6A 125V AC (General Use) 40°C 2A 30V DC (Resistive) 40°C 0.6A 110V DC (Resistive) 40°C | |
| G5V-2-H1 | UL Approved Models (Recognized) | 2c | 3~48V DC | E41515 | 0.5A 125V AC (General Use) 40°C 0.2A 110V DC (Resistive) 40°C 2A 24V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 2c | 3~48V DC | LR31928 | 0.5A 125V AC (General Use) 40°C 0.2A 110V DC (Resistive) 40°C 2A 24V DC (Resistive) 40°C | |
| G6E | UL Approved Models (Recognized) | 1c | 5~48V DC | E41515 | 0.2A 250V AC (General Use) 40°C 0.6A 125V AC (General Use) 40°C 2A 30V DC (Resistive) 40°C 0.6A 125V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1c | 5~48V DC | LR31928 | 0.2A 250V AC (General Use) 40°C 0.6A 125V AC (General Use) 40°C 2A 30V DC (Resistive) 40°C 0.6A 125V DC (Resistive) 40°C | |
| G6A-274P-ST(15,40)-US G6AK-274P-ST(40)-US G6AU-274P-ST-US | UL Approved Models (Recognized) | 2c | 3~48V DC | E41515 | 0.6A 125V AC 40°C 2A 30V DC 40°C 0.6A 110V DC 40°C | |
| | CSA Approved Models (Certified) | 2c | 3~48V DC | LR31928 | 0.6A 125V AC 40°C 2A 30V DC 40°C 0.6A 110V DC 40°C | |
| G6S | UL Approved Models (Recognized) | 2c | 3~24V DC | E41515 | 0.5A 125V AC (General Use) 40°C 0.3A 110V DC (Resistive) 40°C 3A 30V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 2c | 3~24V DC | LR31928 | 0.5A 125V AC (General Use) 40°C 0.3A 110V DC (Resistive) 40°C 3A 30V DC (Resistive) 40°C | |
| G6S(U)-2(F/G)-Y | EN60950 Approved Models (BS Approved) (Certified) | 2c | 3~24V DC | 8064 | — | supplementary insulation |

Models with Standards Certification

Oct. 2014

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|-------------------------------------|--|---------|------------------------|--------------|---|------------------|
| G6J-2P(FS/FL)-Y G6JU-2P(FS/FL)-Y | UL Approved Models (Recognized) | 2c | 3~24V DC | E41515 | 1A 30V DC 40°C 0.5A 60V DC 40°C 0.3A 125V AC 40°C | |
| | CSA Approved Models (Certified) | 2c | 3~24V DC | LR31928 | 1A 30V DC 40°C 0.5A 60V DC 40°C 0.3A 125V AC 40°C | |
| G6K-2G(F/P) | UL Approved Models (Recognized) | 2c | 3~24V DC | E41515 | 1A 30V DC 40°C 0.5A 60V DC 40°C 0.3A 125V AC 40°C | |
| | CSA Approved Models (Certified) | 2c | 3~24V DC | LR31928 | 1A 30V DC 40°C 0.5A 60V DC 40°C 0.3A 125V AC 40°C | |
| | EN60950 Approved Models (BS Approved) (Certified) | 2c | 2~24V DC | 9054 | — | Basic Insulation |
| G6K(U)-2G(F/P)-Y | UL Approved Models (Recognized) | 2c | 3~24V DC | E41515 | 1A 30V DC 40°C 0.5A 60V DC 40°C 0.3A 125V AC 40°C | |
| | CSA Approved Models (Certified) | 2c | 3~24V DC | LR31928 | 1A 30V DC 40°C 0.5A 60V DC 40°C 0.3A 125V AC 40°C | |
| | EN60950 Approved Models (BS Approved) (Certified) | 2c | 2~24V DC | 9054 | — | Basic Insulation |

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Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

●Power Relay

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|----------------|---------------------------------|---------|------------------------|---------------------------------|--|--|
| G5NB-1A | UL Approved Models (Recognized) | 1a | 5~24V DC | E41515(UL508) | 3A 125V AC(Resistive) 70°C 3A 30V DC(Resistive) 70°C | |
| | CSA Approved Models (Certified) | 1a | 1a 5~24V DC | LR31928(CSAC22.2 (No.0, No.14)) | 3A 125V AC(Resistive) 70°C 3A 30V DC(Resistive) 70°C | |
| | VDE Approved Models | 1a | 5, 12, 18, 24V DC | 137575(EN61810-1) | 3A 250V AC(cos φ = 1.0) 85°C 3A 30V DC(L/R=0ms) 85°C | |
| G5NB-1A4-EL-HA | UL Approved Models (Recognized) | 1a | 12~24V DC | E41515(UL508) | 7A 250V AC(General Purpose) 85°C 5A 250V AC(General Purpose) 85°C 5A 30V DC(Resistive) 85°C | |
| | CSA Approved Models (Certified) | 1a | 12~24V DC | LR31928(CSAC22.2 (No.14)) | 7A 250V AC(General Purpose) 85°C 5A 250V AC(General Purpose) 85°C 5A 30V DC(Resistive) 85°C | |
| | VDE Approved Models | 1a | 12, 24V DC | 137575(EN61810-1) | 7A 250V AC(Resistive) 85°C 5A 30V DC(Resistive) 85°C | |
| G5SB-1(A) (4) | UL Approved Models (Recognized) | 1a, 1c | 12~24V DC | E41515(UL508) | 5A 250V AC N.O. only(Resistive) 40°C 3A 125V AC N.O. only(Resistive) 40°C 5A 30V DC N.O. only(Resistive) 40°C 3A 250V AC N.C. only(Resistive) 40°C 2A 125V AC N.C. only(Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1a, 1c | 12~24V DC | LR31928(CSAC22.2 (No.14)) | 5A 250V AC N.O. only(Resistive) 40°C 3A 125V AC N.O. only(Resistive) 40°C 5A 30V DC N.O. only(Resistive) 40°C 3A 250V AC N.C. only(Resistive) 40°C 2A 125V AC N.C. only(Resistive) 40°C | |
| | VDE Approved Models | 1a, 1c | 12, 24V DC | 40003957 (EN61810-1) | N.O. side 5A 250V AC(cos φ = 1.0) 70°C N.C. side 3A 250V AC(cos φ = 1.0) 70°C | |
| G5Q-1(A) (4) | UL Approved Models (Recognized) | 1a, 1c | 5~24V DC | E41515(UL508) | 10A 250V AC N.O. only(Resistive) 40°C 10A 30V DC N.O. only(Resistive) 40°C 4A 120V AC N.O. only(Resistive) 40°C 3A 250V AC N.C. only(Resistive) 40°C 3A 30V DC N.C. only(Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1a, 1c | 5~24V DC | LR31928(CSAC22.2 (No.14)) | 10A 250V AC N.O. only(Resistive) 40°C 10A 30V DC N.O. only(Resistive) 40°C 4A 120V AC N.O. only(Resistive) 40°C 3A 250V AC N.C. only(Resistive) 40°C 3A 30V DC N.C. only(Resistive) 40°C | |
| | VDE Approved Models | 1a, 1c | 5, 9, 12, 24V DC | 40009467 (EN61810-1) | 10A 250V AC(cos φ = 1.0) (N.O.) 105°C 5A 30V DC(0ms) (N.O.) 105°C 3A 30V DC(0ms) (N.C.) 105°C | |
| G6D() | UL Approved Models (Recognized) | 1a | 5~24V DC | E41515(UL508) | 5A 30V DC(Resistive) 40°C 5A 250V AC(Resistive) 40 D150 Pilot Duty 1/10HP 120V AC | |
| | CSA Approved Models (Certified) | 1a | 5~24V DC | LR31928(CSAC22.2 (No.0, No.14)) | 5A 30V DC(Resistive) 40°C 5A 250V AC(Resistive) 40°C D150(Pilot Duty) 1/10HP 120V AC | |
| | TÜV Approved Models | 1a | 5, 12, 24V DC | R50167084 (EN61810-1) | 5A 250V AC(cos φ = 1.0) 70°C 5A 30V DC(0ms) 40°C | |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|---------------------------------|--|-----------------|------------------------|-------------------------------------|---|--|
| G6B() | TÜV Approved Models | 1, 2 | 5~24V DC | R50158246 (EN61810-1) | 5A 250V AC (cos φ = 1.0) 70°C 2A 250V AC (cos φ = 0.4) 70°C 5A 30V DC (0ms) 70°C | |
| G6B-1114P-US G6B-1114P-FD-US | UL Approved Models (Recognized) | 1a | 5~24V DC | E41643 (UL508) | 5A 250V AC (General Use) 80°C 5A 30V DC (Resistive) 80°C 1/8HP 250V AC 80°C | |
| | CSA Approved Models (Certified) | 1a | 5~24V DC | LR31928 (CSAC22.2 (No.0, No.14)) | 5A 250V AC (General Use) 80°C 5A 30V DC 80°C 360W 120V AC (Tungsten) 80°C 1/6HP 250V AC 80°C | |
| G6B-1174P-US G6B-1174P-FD-US | UL Approved Models (Recognized) | 1a | 5~24V DC | E41643 (UL508) | 8A 250V AC (General Use) 80°C 8A 30V DC (Resistive) 80°C | |
| | CSA Approved Models (Certified) | 1a | 5~24V DC | LR31928 (CSAC22.2 (No.0, No.14)) | 8A 250V AC (General Use) 80°C 8A 30V DC 80°C | |
| G6B-2114P-US | UL Approved Models (Recognized) | 1a1b, 2a, 2b | 5~24V DC | E41643 (UL508) | 5A 250V AC (General Use) 40°C 5A 30V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1a1b, 2a, 2b | 5~24V DC | LR31928 (CSAC22.2 (No.0, No.14)) | 5A 250V AC (General Use) 40°C 5A 30V DC 40°C | |
| G6B-2214P-US G6B-2014P-US | UL Approved Models (Recognized) | 1a1b, 2a, 2b | 5~24V DC | E41643 (UL508) | 5A 250V AC (General Use) 40°C 5A 30V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1a1b, 2a, 2b | 5~24V DC | LR31928 (CSAC22.2 (No.0, No.14)) | 5A 250V AC (General Use) 40°C 5A 30V DC 40°C | |
| G6RN-1 G6RN-1A | UL Approved Models (Recognized) | 1a, 1c | 5~24V DC | E41515 (UL508) | 8A 250V AC (Resistive) 85°C | |
| | CSA Approved Models (Certified) | 1a, 1c | 5~24V DC | LR31928 (CSAC22.2 (No.0, No.14)) | 8A 250V AC (Resistive) 85°C | |
| | VDE Approved Models | 1a, 1c | 5, 6, 12, 24V DC | 6135 (EN61810-1) | 8A 250V AC (cos φ = 1.0) 85°C | |
| G6RL() | UL/C-UL (CSA) Approved Models (Recognized) | 1a, 1c | 3~24V DC | E41643 (UL508) | 10A 250V AC (NO) (Resistive) 85°C 8A 250V AC (Resistive) 85°C 5A 30V DC (Resistive) 85°C 2FLA 12LRA 250V AC 65°C 1/3HP 125V AC 85°C 1/2HP 250V AC 85°C | |
| | VDE Approved Models | 1a, 1c | 3, 5, 6, 12, 24V DC | 40021033 (EN61810-1) | 10A 250V AC (cos φ = 1.0) (NO) 85°C 8A 250V AC (cos φ = 1.0) 85°C 5A 30V DC (0ms) 85°C | |
| G5LE-1 (A) (4) | UL Approved Models (Recognized) | 1a, 1c | 5~24V DC | E41643 (UL508) | 10A 250V AC (General Use) 40°C 8A 30V DC (Resistive) 40°C TV-3 (N.O. only) 40°C | |
| | CSA Approved Models (Certified) | 1a, 1c | 5~24V DC | LR31928 (CSAC22.2No.14)) | 10A 250V AC (General Use) 40°C 8A 30V DC (Resistive) 40°C TV-3 (N.O. only) 40°C | |
| | VDE Approved Models | 1a, 1c | 5, 12, 24V DC | 6850 (EN61810-1) | 10A 250V AC (cos φ = 1) 85°C | |
| | TÜV Approved Models (Certified) | 1a, 1c | 5, 12, 24V DC | R50158258 (EN61810-1) | 2.5A 250V AC (cos φ = 0.4) 85°C 10A 250V AC (cos φ = 1) 85°C 8A 30V DC (0ms) 40°C | |

Models with Standards Certification

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Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|----------|---------------------------------|---------|------------------------|----------------------------|---|--|
| G5CA() | UL Approved Models (Recognized) | 1a | 5~100V DC | E41515(UL508) | 15A 125V AC (General Use) 40°C 10A 250V AC (General Use) 40°C 10A 30V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1a | 5~100V DC | LR31928 (CSAC22.2 (No.14)) | 15A 125V AC (General Use) 40°C 10A 250V AC (General Use) 40°C 10A 30V DC (Resistive) 40°C | |
| | TÜV Approved Models | 1a | 5、6、12、24、48V DC | R50214486 (EN61810-1) | 15A 125V AC (cos φ = 1.0) 85°C 10A 250V AC (cos φ = 1.0) 85°C 10A 30V DC (0ms) 85°C | |
| G6C-1() | UL Approved Models (Recognized) | 1a | 3~24V DC | E41643(UL508) | 10A 250V AC (General Use) 80°C 10A 30V DC (Resistive) 80°C 1/6HP 125V AC、1/4HP 125V AC 80°C 1/3HP 250V AC、1/4HP 250V AC 80°C 600W 120V AC (Tungsten) 80°C | |
| | CSA Approved Models (Certified) | 1a | 3~24V DC | LR31928 (CSAC22.2No.14) | 10A 250V AC 80°C 10A 30V DC 80°C 1/6HP 125V AC、1/4HP 125V AC 80°C 1/3HP 250V AC、1/4HP 250V AC 80°C | |
| | VDE Approved Models | 1a | 3、5、6、12、24V DC | 40014439 (EN61810-1) | 10A 250V AC (cos φ = 1.0) 40°C 5A 250V AC (cos φ = 0.4) 40°C | |
| | TÜV Approved Models | 1a | 3、5、6、12、24V DC | R50158249 (EN61810-1) | 10A 250V AC (cos φ = 1.0) 40°C 5A 250V AC (cos φ = 0.4) 40°C 10A 30V DC (0ms) 40°C | |
| G6C-2() | UL Approved Models (Recognized) | 1a1b | 3~24V DC | E41643(UL508) | 8A 250V AC (General Use) 80°C 8A 30V DC (Resistive) 80°C 1/6HP 125V AC、1/4HP 125V AC 80°C 1/4HP 250V AC 80°C 600W 120V AC (Tungsten) | |
| | CSA Approved Models (Certified) | 1a1b | 3~24V DC | LR31928 (CSAC22.2No.14) | 8A 250V AC 80°C 8A 30V DC 80°C 1/6HP 125V AC、1/4HP 125V AC 80°C 1/4HP 250V AC 80°C | |
| | VDE Approved Models | 1a1b | 3、5、6、12、24V DC | 40014439 (EN61810-1) | 7A 250V AC (cos φ = 1.0) 40°C 3.5A 250V AC (cos φ = 0.4) 40°C | |
| | TÜV Approved Models | 1a1b | 3、5、6、12、24V DC | R50158249 (EN61810-1) | 8A 250V AC (cos φ = 1.0) 40°C 3.5A 250V AC (cos φ = 0.4) 40°C 8A 30V DC (0ms) 40°C | |

Models with Standards Certification

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Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|-----------|------------------------------------|---------|------------------------|------------------------------------|---|--|
| G4W() | UL Approved Models (Recognized) | 1a | 6~100V DC | E41643(UL508) | 15A 24V DC(Resistive) 40°C 15A 250V AC(General Use) 40°C TV-8 40°C 1/2HP 125V AC 40°C 1HP 250V AC 40°C 3/4HP 240V AC 40°C | |
| | | 2a | | | 15A 36V AC(Resistive) 40°C 15A 250V AC(General Use) 40°C TV-5(non seal type) 40°C 1/4HP, 1/3HP 125V AC 40°C 1/3HP, 1/2HP 250V AC 40°C 3/4HP 240V AC 40°C (AgInSn contact and non seal type) | |
| | CSA Approved Models (Certified) | 1a | 6~100V DC | LR31928 (CSAC22.2No.14) | 15A 250V AC(General Use) 40°C 15A 24V DC(Resistive) 40°C TV-8 40°C 1HP 250V AC 40°C 3/4HP 240V AC 40°C | |
| | | 2a | | | 10A 250V AC(General Use) 40°C TV-5 40°C 1/2HP 250V AC 40°C 1/3HP 125V AC 40°C 15A 24V DC 40°C | |
| | VDE Approved Models | 1a | 6、12、24、48、100V DC | 132295 (EN61810-1) | 15A 250V AC(cos φ=1.0) 40°C 10A 250V AC(cos φ=0.4) 40°C 15A 24V DC(0ms) 40°C 7.5A 24V DC(40ms) 40°C | |
| | | 2a | | | 10A 250V AC(cos φ=1.0) 40°C 7.5A 250V AC(cos φ=0.4) 40°C 10A 24V DC(0ms) 40°C 5A 24V DC(40ms) 40°C | |
| | TÜV Approved Models | 1a | 6、12、24、48、100V DC | R50121120 (EN61810-1) | 15A 250V AC(cos φ=1.0) 55°C 10A 250V AC(cos φ=0.4) 55°C 15A 24V DC(0ms) 55°C 7.5A 24V DC(40ms) 55°C | |
| | | 2a | | | 10A 250V AC(cos φ=1.0) 55°C 7.5A 250V AC(cos φ=0.4) 55°C 10A 24V DC(0ms) 55°C 5A 24V DC(40ms) 55°C | |
| G4A-1A() | UL Approved Models (Recognized) | 1a | 5~100V DC | E41643(UL508) | 20A 250V AC(Resistive) 40°C 15A 30V DC(Resistive) 40°C 23A 277V AC(General Use) 40°C | |
| | CSA Approved Models (Certified) | 1a | 5~100V DC | LR31928(CSAC22.2 (No.0, No.14)) | 20A 250V AC(Resistive) 40°C 15A 30V DC(Resistive) 40°C 23A 277V AC(General Use) 40°C | |
| | VDE Approved Models | 1a | 5、12、18、24V DC | 107293(EN61810-1) | 20A 250V AC(cos φ=1.0) 50°C | |
| G2RL-1A | UL Approved Models (Recognized) | 1a | 5~48V DC | E41643(UL508) | 12A 250V AC(General Use) 40°C 12A 24V DC(Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1a | 5~48V DC | LR31928(CSAC22.2 (No.0, No.14)) | 12A 250V AC(General Use) 40°C 12A 24V DC(Resistive) 40°C | |
| | VDE Approved Models | 1a | 5、6、9、12、24、48V DC | 119650(EN61810-1) | 12A 250V AC(cos φ=1.0) 85°C 12A 24V DC(L/R=0ms) 85°C AC15:3A 240V AC Temperature DC13:2.5A 24V D C, 50ms Temperature | |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|-----------|---------------------------------|---------|------------------------|---------------------------------|--|--|
| G2RL-1 | UL Approved Models (Recognized) | 1c | 5~48V DC | E41643(UL508) | 12A 250V AC (General Use) 40°C 12A 24V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1c | 5~48V DC | LR31928(CSAC22.2 (No.0, No.14)) | 12A 250V AC (General Use) 40°C 12A 24V DC (Resistive) 40°C | |
| | VDE Approved Models | 1c | 5、6、9、12、24、48V DC | 119650(EN61810-1) | 12A 250V AC (cos φ = 1.0) 85°C 12A 24V DC (L/R=0ms) 85°C AC15: 3A 240V AC Temperature DC13: 2.5A 24V DC, 50ms Temperature | |
| | UL Approved Models (Recognized) | 1a | 3~48V DC | E41643(UL508) | 16A 250V AC (General Use) 40°C 16A 24V DC (Resistive) 40°C | |
| G2RL-1A-E | UL Approved Models (Recognized) | 1a | 5~48V DC | E41643(UL508) | 16A 250V AC (General Use) 40°C 16A 24V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1a | 5~48V DC | LR31928(CSAC22.2 (No.0, No.14)) | 16A 250V AC (General Use) 40°C 16A 24V DC (Resistive) 40°C | |
| | VDE Approved Models | 1a | 5、6、9、12、24、48V DC | 119650(EN61810-1) | 16A 250V AC (cos φ = 1.0) 85°C 16A 24V DC (L/R=0ms) 85°C AC15: 3A 240V AC (NO) Temperature, 1.5A 240V AC (NC) Temperature DC13: 2.5A 24V DC (NO), 50ms Temperature | |
| G2RL-1-E | UL Approved Models (Recognized) | 1c | 5~48V DC | E41643(UL508) | 16A 250V AC (General Use) 40°C 16A 24V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 1c | 5~48V DC | LR31928(CSAC22.2 (No.0, No.14)) | 16A 250V AC (General Use) 40°C 16A 24V DC (Resistive) 40°C | |
| | VDE Approved Models | 1c | 5、6、9、12、24、48V DC | 119650(EN61810-1) | 16A 250V AC (cos φ = 1.0) 85°C 16A 24V DC (L/R=0ms) 85°C AC15: 3A 240V AC (NO) Temperature, 1.5A 240V AC (NC) Temperature DC13: 2.5A 24V DC (NO), 50ms Temperature | |
| G2RL-2A | UL Approved Models (Recognized) | 2a | 5~48V DC | E41643(UL508) | 8A 277V AC (General Use) 40°C 8A 30V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 2a | 5~48V DC | LR31928(CSAC22.2 (No.0, No.14)) | 8A 277V AC (General Use) 40°C 8A 30V DC (Resistive) 40°C | |
| | VDE Approved Models | 2a | 5、6、9、12、24、48V DC | 119650(EN61810-1) | 8A 250V AC (cos φ = 1.0) 85°C 8A 30V DC (L/R=0ms) 85°C AC15: 1.5A 240V AC Temperature DC13: 2A 30V DC, 50ms Temperature | |
| G2RL-2 | UL Approved Models (Recognized) | 2c | 5~48V DC | E41643(UL508) | 8A 277V AC (General Use) 40°C 8A 30V DC (Resistive) 40°C | |
| | CSA Approved Models (Certified) | 2c | 5~48V DC | LR31928(CSAC22.2 (No.0, No.14)) | 8A 277V AC (General Use) 40°C 8A 30V DC (Resistive) 40°C | |
| | VDE Approved Models | 2c | 5、6、9、12、24、48V DC | 119650 (EN61810-1) | 8A 250V AC (cos φ = 1.0) 85°C 8A 30V DC (L/R=0ms) 85°C AC15: 1.5A 240V AC Temperature DC13: 2A 30V DC, 50ms Temperature | |

Models with Standards Certification

Oct. 2014

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|--------------------------|---------------------------------|---------|---|----------------------------------|--|---|
| G5RL-1A-LN | UL Approved Models (Recognized) | 1a | 5~24V DC | E41643 (UL508) | 12A 250V AC (Resistive) 40°C 12A 24V DC (Resistive) 40°C TV-5 40°C | |
| | VDE Approved Models | 1a | 5、12、24V DC | 40007172 (EN61810-1) | 12A 250V AC (cos φ=1.0) 85°C | |
| G5RL-1A-E-LN | UL Approved Models (Recognized) | 1a | 5~24V DC | E41643 (UL508) | 16A 250V AC (Resistive) 40°C 16A 24V DC (Resistive) 40°C TV-5 40°C | |
| | VDE Approved Models | 1a | 5、12、24V DC | 40007172 (EN61810-1) | 16A 250V AC (cos φ=1.0) 85°C 16A 250V AC (cos φ=1.0) 85°C | |
| G5RL-U1A-E G5RL-K1A-E | UL Approved Models (Recognized) | 1a | 5~24V DC ("U" models: 3~24V DC) | E41643 (UL508) | 16A 277V AC (Resistive) 85°C TV-5 40°C TV-8 40°C 8A 250V AC (Ballast) 40°C 2000W 250V AC (Tungsten) 40°C | |
| | CSA Approved Models (Certified) | 1a | 5~24V DC ("U" models: 3~24V DC) | LR31928 (CSAC22.2 (No.1, No.14)) | 16A 277V AC (Resistive) 85°C TV-5 40°C TV-8 40°C 8A 250V AC (Ballast) 40°C 2000W 250V AC (Tungsten) 40°C | |
| | VDE Approved Models | 1a | 5、12、24V DC | 40007172 (EN61810-1) | 16A 250V AC (cos φ=1.0) 85°C 240V AC 100A(0-P) steady 10A(rms) 85°C | |
| G5RL-U1-E G5RL-K1-E | UL Approved Models (Recognized) | 1c | 5~24V DC ("U" models: 3~24V DC) | E41643 (UL508) | 16A 277V AC (Resistive) (N.O.only) 85°C 8A 250V AC (Ballast) (N.O.only) 40°C 2000W 250V AC (Tungsten) 40°C 5A 250V AC (General Use) (N.C.only) 40°C | |
| | CSA Approved Models (Certified) | 1c | 5~24V DC ("U" models: 3~24V DC) | LR31928 (CSAC22.2 (No.1, No.14)) | 16A 277V AC (Resistive) (N.O.only) 85°C 8A 250V AC (Ballast) (N.O.only) 40°C 2000W 250V AC (Tungsten) 40°C 5A 250V AC (General Use) (N.C.only) 40°C | |
| | VDE Approved Models | 1c | 5、12、24V DC | 40007172 (EN61810-1) | 16A 250V AC (cos φ=1.0) 85°C (N.O.only) 5A 250V AC (cos φ=1.0) 85°C (N.C.only) | |
| G2RG-2A4 | UL Approved Models (Recognized) | 2a | 12~24V DC | E41643 (UL508) | 8A 250V AC (General Use) 70°C | |
| | CSA Approved Models (Certified) | 2a | 12~24V DC | LR31928 (CSAC22.2 (No.0, No.14)) | 8A 250V AC (General Use) 70°C | |
| | VDE Approved Models | 2a | 12、24V DC | 40015012 (EN61810-1) | 8A 250V AC (cos φ=1.0) 70°C | |
| G2R() | VDE Approved Models | 1a、1c | 5、6、12、24、48、100V DC 12、24、100/110、200/220V AC | 40015012 (EN61810-1) | 10A 250V AC (cos φ=1.0) 40°C 10A 30V DC (0ms) 40°C 16A 250V AC (cos φ=1.0) 70°C | Consult your OMRON representative for details of coil specifications. |
| | | 2a、2c | | | 5A 250V AC (cos φ=1.0) 40°C 5A 30V DC (0ms) 40°C | |
| | TÜV Approved Models | 1 | 3~120V DC 6~220V AC | R50030327 (EN61810-1) | 10A 250V AC (cos φ=1.0) 40°C 10A 30V DC (0ms) 70°C | |
| | | 2 | | | 5A 250V AC (cos φ=1.0) 40°C 5A 30V DC (0ms) 70°C | |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|---|------------------------------------|---------|-------------------------|------------------------------------|--|--|
| G2R-1 G2R-14 G2R-1-H G2R-1-T | UL Approved Models (Recognized) | 1c | 5~110V DC 12~220V AC | E41643(UL508) | 10A 30V DC(Resistive) 40°C 10A 250V AC(General Use) 40°C 5A 277V AC(General Use) 40°C TV-3(N.O.only) 40°C | |
| | CSA Approved Models (Certified) | 1c | 5~110V DC 12~220V AC | LR31928(CSAC22.2 (No.0, No.14)) | 10A 30V DC(Resistive) 40°C 10A 250V AC(General Use) 40°C TV-3(N.O.only) 40°C | |
| G2R-1A G2R-1A4 G2R-1A-H G2R-1A-T | UL Approved Models (Recognized) | 1a | 5~110V DC 12~220V AC | E41643(UL508) | 10A 30V DC(Resistive) 40°C 10A 250V AC(General Use) 40°C 5A 277V AC(General Use) 40°C TV-3(N.O.only) 40°C | |
| | CSA Approved Models (Certified) | 1a | 5~110V DC 12~220V AC | LR31928(CSAC22.2 (No.0, No.14)) | 10A 30V DC(Resistive) 40°C 10A 250V AC(General Use) 40°C TV-3(N.O.only) 40°C | |
| G2R-1-E | UL Approved Models (Recognized) | 1c | 5~110V DC 12~220V AC | E41643(UL508) | 16A 30V DC(Resistive) 40°C (N.O.only) 16A 250V AC(General Use) 40°C (N.O.only) TV-3(N.O.only) 40°C | |
| | CSA Approved Models (Certified) | 1c | 5~110V DC 12~220V AC | LR31928(CSAC22.2 (No.0, No.14)) | 16A 30V DC(Resistive) 40°C (N.O.only) 16A 250V AC(General Use) 40°C (N.O.only) TV-3(N.O.only) 40°C | |
| G2R-1A-E | UL Approved Models (Recognized) | 1a | 5~110V DC 12~220V AC | E41643(UL508) | 16A 30V DC(Resistive) 40°C (N.O.only) 16A 250V AC(General Use) 40°C (N.O.only) TV-3(N.O.only) 40°C | |
| | CSA Approved Models (Certified) | 1a | 5~110V DC 12~220V AC | LR31928(CSAC22.2 (No.0, No.14)) | 16A 30V DC(Resistive) 40°C (N.O.only) 16A 250V AC(General Use) 40°C (N.O.only) TV-3(N.O.only) 40°C | |
| G2R-2 G2R-24 G2R-2-H | UL Approved Models (Recognized) | 2c | 5~110V DC 12~220V AC | E41643(UL508) | 5A 30V DC(Resistive) 40°C 5A 250V AC(General Use) 40°C TV-3(N.O.only) 40°C | |
| | CSA Approved Models (Certified) | 2c | 5~110V DC 12~220V AC | LR31928(CSAC22.2 (No.0, No.14)) | 5A 30V DC(Resistive) 40°C 5A 250V AC(General Use) 40°C TV-3(N.O.only) 40°C | |
| G2R-2A G2R-2A4 G2R-2A-H | UL Approved Models (Recognized) | 2a | 5~110V DC 12~220V AC | E41643(UL508) | 5A 30V DC(Resistive) 40°C 5A 250V AC(General Use) 40°C TV-3(N.O.only) 40°C | |
| | CSA Approved Models (Certified) | 2a | 5~110V DC 12~220V AC | LR31928(CSAC22.2 (No.0, No.14)) | 5A 30V DC(Resistive) 40°C 5A 250V AC(General Use) 40°C TV-3(N.O.only) 40°C | |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

●General-purpose Relay

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|-----------|------------------------------------|---------|---|----------------|--|--|
| G7L-1A-B□ | UL Approved Models (Recognized) | 1a | 12~240V AC 6~220V DC | E41643 (UL508) | 30A 277V AC (RES) 40°C 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | CSA Approved Models (Certified) | 1a | 12~240V AC 6~220V DC | LR35535 | 30A 277V AC (RES) 40°C 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | TÜV Approved Models | 1a | 6, 12, 24, 48, 100, 110, 200, 220V DC 12, 24, 50, 100~120, 200~240V AC | R50059083 | 30A 240V AC~ (cos φ = 1) 60°C 25A 240V AC~ (cos φ = 0.4) 60°C 30A 120V AC~ (cos φ = 0.4) 60°C | |
| G7L-1A-B□ | UL Approved Models (Recognized) | 2a | 12~240V AC 6~220V DC | E41643 (UL508) | 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | CSA Approved Models (Certified) | 2a | 12~240V AC 6~220V DC | LR35535 | 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | TÜV Approved Models | 2a | 6, 12, 24, 48, 100, 110, 200, 220V DC 12, 24, 50, 100~120, 200~240V AC | R50059083 | 25A 240V AC~ (cos φ = 1) 60°C 25A 240V AC~ (cos φ = 0.4) 60°C | |
| G7L-1A-B□ | UL Approved Models (Recognized) | 1a | 12~240V AC 6~220V DC | E41643 (UL508) | 30A 277V AC (RES) 40°C 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | CSA Approved Models (Certified) | 1a | 12~240V AC 6~220V DC | LR35535 | 30A 277V AC (RES) 40°C 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | TÜV Approved Models | 1a | 6, 12, 24, 48, 100, 110, 200, 220V DC 12, 24, 50, 100~120, 200~240V AC | R50059083 | 25A 240V AC~ (cos φ = 1) 60°C 25A 240V AC~ (cos φ = 0.4) 60°C | |
| G7L-1A-B□ | UL Approved Models (Recognized) | 2a | 12~240V AC 6~220V DC | E41643 (UL508) | 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | CSA Approved Models (Certified) | 2a | 12~240V AC 6~220V DC | LR35535 | 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | TÜV Approved Models | 2a | 6, 12, 24, 48, 100, 110, 200, 220V DC 12, 24, 50, 100~120, 200~240V AC | R50059083 | 25A 240V AC~ (cos φ = 1) 60°C 25A 240V AC~ (cos φ = 0.4) 60°C | |

Models with Standards Certification

Oct. 2014

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|-------------|------------------------------------|---------|---|---------------------|--|--|
| G7L-1A-P | UL Approved Models (Recognized) | 1a | 12~240V AC 6~220V DC | E41643 (UL508) | 30A 277V AC (RES) 40°C 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | CSA Approved Models (Certified) | 1a | 12~240V AC 6~220V DC | LR35535 | 30A 277V AC (RES) 40°C 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | TÜV Approved Models | 1a | 6, 12, 24, 48, 100, 110, 200, 220V DC 12, 24, 50, 100~120, 200~240V AC | R50059083 | 20A 240V AC~ (cos φ = 1) 60°C 20A 240V AC~ (cos φ = 0.4) 60°C | |
| G7L-2A-P | UL Approved Models (Recognized) | 2a | 12~240V AC 6~220V DC | E41643 (UL508) | 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | CSA Approved Models (Certified) | 2a | 12~240V AC 6~220V DC | LR35535 | 1.5kW 120V AC (T) 40°C 1HP 120V AC 40°C 2HP 277V AC 40°C 20FLA/120LRA 120V AC 40°C 17FLA/102LRA 265V AC 40°C TV-10 120V AC 40°C | |
| | TÜV Approved Models | 2a | 6, 12, 24, 48, 100, 110, 200, 220V DC 12, 24, 50, 100~120, 200~240V AC | R50059083 | 20A 240V AC~ (cos φ = 1) 60°C 20A 240V AC~ (cos φ = 0.4) 60°C | |
| G7L-2A-P-PV | UL Approved Models (Recognized) | 2a | 12, 24V DC | E41643 (UL508) | 30A 280V AC (0.8PF) 65°C | |
| | VDE Approved Models | 2a | 12, 24V DC | 1530 (EN61810-1) | 30A 280V AC (cos φ = 0.8) 85°C | |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

●MOS FET Relay
DIP (Dual Inline Package)

| Model | Standard | Contact | Standard No. | Coil ratings | |
|------------------|---|---------|--------------|--------------------------|--|
| G3VM-21AR/DR | UL Approved Models (Recognized) | 1a | E80555 | 3000mA 20V (AC peak/DC) | |
| G3VM-21BR/ER | UL Approved Models (Recognized) | 1a | E80555 | 4000mA 20V (AC peak/DC) | |
| G3VM-41AY/DY | UL Approved Models (Recognized) | 1a | E80555 | 2000mA 40V (AC peak/DC) | |
| G3VM-41AY1/DY1 * | UL Approved Models (Recognized) | 1a | E80555 | 2000mA 40V (AC peak/DC) | |
| G3VM-41AR/DR | UL Approved Models (Recognized) | 1a | E80555 | 2500mA 40V (AC peak/DC) | |
| G3VM-41BR/ER | UL Approved Models (Recognized) | 1a | E80555 | 3500mA 40V (AC peak/DC) | |
| G3VM-61A1/D1 | UL Approved Models (Recognized) | 1a | E80555 | 500mA 60V (AC peak/DC) | |
| G3VM-61AY/DY | UL Approved Models (Recognized) | 1a | E80555 | 500mA 60V (AC peak/DC) | |
| G3VM-61AY1/DY1 | UL Approved Models (Recognized) | 1a | E80555 | 500mA 60V (AC peak/DC) | |
| G3VM-61AR/DR | UL Approved Models (Recognized) | 1a | E80555 | 2000mA 60V (AC peak/DC) | |
| G3VM-61B1/E1 | UL Approved Models (Recognized) | 1a | E80555 | 500mA 60V (AC peak/DC) | |
| G3VM-61BR/ER | UL Approved Models (Recognized) | 1a | E80555 | 2500mA 60V (AC peak/DC) | |
| G3VM-61BR1/ER1 | UL Approved Models (Recognized) | 1a | E80555 | 3000mA 60V (AC peak/DC) | |
| G3VM-62C1/F1 | UL Approved Models (Recognized) | 2a | E80555 | 500mA 60V (AC peak/DC) | |
| G3VM-101AR/DR | UL Approved Models (Recognized) | 1a | E80555 | 1000mA 100V (AC peak/DC) | |
| G3VM-101BR/ER | UL Approved Models (Recognized) | 1a | E80555 | 2000mA 100V (AC peak/DC) | |
| G3VM-201AY/DY | UL Approved Models (Recognized) | 1a | E80555 | 250mA 200V (AC peak/DC) | |
| G3VM-201AY1/DY1 | UL Approved Models (Recognized) | 1a | E80555 | 250mA 200V (AC peak/DC) | |
| G3VM-351AY/DY | UL Approved Models (Recognized) | 1a | E80555 | 100mA 350V (AC peak/DC) | |
| G3VM-351AY1/DY1 | UL Approved Models (Recognized) | 1a | E80555 | 100mA 350V (AC peak/DC) | |
| G3VM-2L/2FL | UL Approved Models (Recognized) | 1a | E80555 | 120mA 350V (AC peak/DC) | |
| G3VM-351A/D | UL Approved Models (Recognized) | 1a | E80555 | 120mA 350V (AC peak/DC) | |
| | EN60950/60065 Approved Models (BS Approved) (Certified) | 1a | 8816, 8817 | — | |
| G3VM-353A/D | UL Approved Models (Recognized) | 1b | E80555 | 150mA 350V (AC peak/DC) | |
| G3VM-351B/E | UL Approved Models (Recognized) | 1a | E80555 | 120mA 350V (AC peak/DC) | |
| G3VM-353B/E | UL Approved Models (Recognized) | 1b | E80555 | 150mA 350V (AC peak/DC) | |
| G3VM-352C/F | UL Approved Models (Recognized) | 2a | E80555 | 120mA 350V (AC peak/DC) | |
| | EN60950/60065 Approved Models (BS Approved) (Certified) | 2a | 8816, 8817 | — | |
| G3VM-WL/WFL | UL Approved Models (Recognized) | 2a | E80555 | 120mA 350V (AC peak/DC) | |
| G3VM-354C/F | UL Approved Models (Recognized) | 2b | E80555 | 150mA 350V (AC peak/DC) | |
| G3VM-401A/D | UL Approved Models (Recognized) | 1a | E80555 | 120mA 400V (AC peak/DC) | |
| G3VM-401AY/DY | UL Approved Models (Recognized) | 1a | E80555 | 120mA 400V (AC peak/DC) | |
| G3VM-401AY1/DY1 | UL Approved Models (Recognized) | 1a | E80555 | 120mA 400V (AC peak/DC) | |
| G3VM-401B/E | UL Approved Models (Recognized) | 1a | E80555 | 120mA 400V (AC peak/DC) | |
| G3VM-401BY/EY | UL Approved Models (Recognized) | 1a | E80555 | 120mA 400V (AC peak/DC) | |
| G3VM-402C/F | UL Approved Models (Recognized) | 2a | E80555 | 120mA 400V (AC peak/DC) | |
| G3VM-601AY/DY | UL Approved Models (Recognized) | 1a | E80555 | 90mA 600V (AC peak/DC) | |
| G3VM-601AY1/DY1 | UL Approved Models (Recognized) | 1a | E80555 | 90mA 600V (AC peak/DC) | |
| G3VM-601BY/EY | UL Approved Models (Recognized) | 1a | E80555 | 100mA 600V (AC peak/DC) | |

* Available soon.

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

SOP (Small Outline Package)

| Model | Standard | Contact | Standard No. | Coil ratings | |
|------------|---|---------|--------------|--------------------------|--|
| G3VM-21GR | UL Approved Models (Recognized) | 1a | E80555 | 160mA 20V (AC peak/DC) | |
| G3VM-21GR1 | UL Approved Models (Recognized) | 1a | E80555 | 300mA 20V (AC peak/DC) | |
| G3VM-21HR | UL Approved Models (Recognized) | 1a | E80555 | 2500mA 20V (AC peak/DC) | |
| G3VM-41GR6 | UL Approved Models (Recognized) | 1a | E80555 | 120mA 40V (AC peak/DC) | |
| G3VM-41GR4 | UL Approved Models (Recognized) | 1a | E80555 | 250mA 40V (AC peak/DC) | |
| G3VM-41GR5 | UL Approved Models (Recognized) | 1a | E80555 | 300mA 40V (AC peak/DC) | |
| G3VM-41GR8 | UL Approved Models (Recognized) | 1a | E80555 | 1000mA 40V (AC peak/DC) | |
| G3VM-41HR | UL Approved Models (Recognized) | 1a | E80555 | 2500mA 40V (AC peak/DC) | |
| G3VM-61VY1 | UL Approved Models (Recognized) | 1a | E80555 | 100mA 60V (AC peak/DC) | |
| G3VM-61G1 | UL Approved Models (Recognized) | 1a | E80555 | 400mA 60V (AC peak/DC) | |
| G3VM-61G2 | UL Approved Models (Recognized) | 1a | E80555 | 400mA 60V (AC peak/DC) | |
| G3VM-61G3 | UL Approved Models (Recognized) | 1a | E80555 | 400mA 60V (AC peak/DC) | |
| G3VM-61GR1 | UL Approved Models (Recognized) | 1a | E80555 | 1000mA 60V (AC peak/DC) | |
| G3VM-61H1 | UL Approved Models (Recognized) | 1a | E80555 | 400mA 60V (AC peak/DC) | |
| G3VM-61HR | UL Approved Models (Recognized) | 1a | E80555 | 2300mA 60V (AC peak/DC) | |
| G3VM-62J1 | UL Approved Models (Recognized) | 2a | E80555 | 400mA 60V (AC peak/DC) | |
| G3VM-81GR | UL Approved Models (Recognized) | 1a | E80555 | 40mA 80V (AC peak/DC) | |
| G3VM-81GR1 | UL Approved Models (Recognized) | 1a | E80555 | 200mA 80V (AC peak/DC) | |
| G3VM-81G1 | UL Approved Models (Recognized) | 1a | E80555 | 350mA 80V (AC peak/DC) | |
| G3VM-81HR | UL Approved Models (Recognized) | 1a | E80555 | 1250mA 80V (AC peak/DC) | |
| G3VM-101HR | UL Approved Models (Recognized) | 1a | E80555 | 1400mA 100V (AC peak/DC) | |
| G3VM-201G | UL Approved Models (Recognized) | 1a | E80555 | 50mA 200V (AC peak/DC) | |
| G3VM-201G1 | UL Approved Models (Recognized) | 1a | E80555 | 200mA 200V (AC peak/DC) | |
| G3VM-201G2 | UL Approved Models (Recognized) | 1a | E80555 | 200mA 200V (AC peak/DC) | |
| G3VM-S5 | UL Approved Models (Recognized) | 1a | E80555 | 200mA 200V (AC peak/DC) | |
| G3VM-201H1 | UL Approved Models (Recognized) | 1a | E80555 | 200mA 200V (AC peak/DC) | |
| G3VM-202J1 | UL Approved Models (Recognized) | 2a | E80555 | 200mA 200V (AC peak/DC) | |
| G3VM-351G1 | UL Approved Models (Recognized) | 1a | E80555 | 100mA 350V (AC peak/DC) | |
| G3VM-351G | UL Approved Models (Recognized) | 1a | E80555 | 110mA 350V (AC peak/DC) | |
| G3VM-353G | UL Approved Models (Recognized) | 1b | E80555 | 120mA 350V (AC peak/DC) | |
| G3VM-351H | UL Approved Models (Recognized) | 1a | E80555 | 110mA 350V (AC peak/DC) | |
| G3VM-353H | UL Approved Models (Recognized) | 1b | E80555 | 120mA 350V (AC peak/DC) | |
| G3VM-355JR | UL Approved Models (Recognized) | 1a1b | E80555 | 120mA 350V (AC peak/DC) | |
| G3VM-352J | UL Approved Models (Recognized) | 2a | E80555 | 110mA 350V (AC peak/DC) | |
| G3VM-354J | UL Approved Models (Recognized) | 2b | E80555 | 120mA 350V (AC peak/DC) | |
| G3VM-401G1 | UL certification pending. | 1a | E80555 | 100mA 400V (AC peak/DC) | |
| G3VM-401G | UL Approved Models (Recognized) | 1a | E80555 | 120mA 400V (AC peak/DC) | |
| | EN60950/60065 Approved Models (BS Approved) (Certified) | 1a | 8884, 8885 | — | |
| G3VM-401H | UL Approved Models (Recognized) | 1a | E80555 | 120mA 400V (AC peak/DC) | |
| | EN60950/60065 Approved Models (BS Approved) (Certified) | 1a | 8884, 8885 | — | |
| G3VM-402J | UL Approved Models (Recognized) | 2a | E80555 | 120mA 400V (AC peak/DC) | |
| | EN60950/60065 Approved Models (BS Approved) (Certified) | 2a | 8884, 8885 | — | |
| G3VM-601G1 | UL Approved Models (Recognized) | 1a | E80555 | 70mA 600V (AC peak/DC) | |
| G3VM-601G | UL Approved Models (Recognized) | 1a | E80555 | 90mA 600V (AC peak/DC) | |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

SSOP (Shrink Small Outline Package)

| Model | Standard | Contact | Standard No. | Coil ratings | |
|-------------|---------------------------------|---------|--------------|------------------------|--|
| G3VM-21LR | UL Approved Models (Recognized) | 1a | E80555 | 160mA 20V (AC peak/DC) | |
| G3VM-21LR10 | UL Approved Models (Recognized) | 1a | E80555 | 200mA 20V (AC peak/DC) | |
| G3VM-21LR1 | UL Approved Models (Recognized) | 1a | E80555 | 450mA 20V (AC peak/DC) | |
| G3VM-21LR11 | UL Approved Models (Recognized) | 1a | E80555 | 900mA 20V (AC peak/DC) | |
| G3VM-41LR10 | UL Approved Models (Recognized) | 1a | E80555 | 120mA 40V (AC peak/DC) | |
| G3VM-41LR6 | UL Approved Models (Recognized) | 1a | E80555 | 120mA 40V (AC peak/DC) | |
| G3VM-41LR11 | UL Approved Models (Recognized) | 1a | E80555 | 140mA 40V (AC peak/DC) | |
| G3VM-41LR4 | UL Approved Models (Recognized) | 1a | E80555 | 250mA 40V (AC peak/DC) | |
| G3VM-41LR5 | UL Approved Models (Recognized) | 1a | E80555 | 300mA 40V (AC peak/DC) | |
| G3VM-61LR | UL Approved Models (Recognized) | 1a | E80555 | 400mA 60V (AC peak/DC) | |
| G3VM-81LR | UL Approved Models (Recognized) | 1a | E80555 | 120mA 80V (AC peak/DC) | |
| G3VM-101LR | UL Approved Models (Recognized) | 1a | E80555 | 80mA 100V (AC peak/DC) | |

USOP (Ultra Small Outline Package)

| Model | Standard | Contact | Standard No. | Coil ratings | |
|-------------|---------------------------------|---------|--------------|-------------------------|--|
| G3VM-21PR10 | UL Approved Models (Recognized) | 1a | E80555 | 200mA 20V (AC peak/DC) | |
| G3VM-21PR1 | UL Approved Models (Recognized) | 1a | E80555 | 450mA 20V (AC peak/DC) | |
| G3VM-21PR11 | UL Approved Models (Recognized) | 1a | E80555 | 900mA 20V (AC peak/DC) | |
| G3VM-41PR12 | UL Approved Models (Recognized) | 1a | E80555 | 100mA 40V (AC peak/DC) | |
| G3VM-41PR10 | UL Approved Models (Recognized) | 1a | E80555 | 120mA 40V (AC peak/DC) | |
| G3VM-41PR6 | UL Approved Models (Recognized) | 1a | E80555 | 120mA 40V (AC peak/DC) | |
| G3VM-41PR11 | UL Approved Models (Recognized) | 1a | E80555 | 140mA 40V (AC peak/DC) | |
| G3VM-41PR5 | UL Approved Models (Recognized) | 1a | E80555 | 300mA 40V (AC peak/DC) | |
| G3VM-51PR | UL Approved Models (Recognized) | 1a | E80555 | 300mA 50V (AC peak/DC) | |
| G3VM-61PR1 | UL Approved Models (Recognized) | 1a | E80555 | 120mA 60V (AC peak/DC) | |
| G3VM-61PR | UL Approved Models (Recognized) | 1a | E80555 | 400mA 60V (AC peak/DC) | |
| G3VM-71PR | UL Approved Models (Recognized) | 1a | E80555 | 400mA 75V (AC peak/DC) | |
| G3VM-81PR | UL Approved Models (Recognized) | 1a | E80555 | 120mA 80V (AC peak/DC) | |
| G3VM-101PR | UL Approved Models (Recognized) | 1a | E80555 | 100mA 100V (AC peak/DC) | |

VSON (Very Small Outline Non-leaded)

| Model | Standard | Contact | Standard No. | Coil ratings | |
|-------------|---------------------------|---------|--------------|-------------------------|--|
| G3VM-21UR10 | UL certification pending. | 1a | E80555 | 200mA 20V (AC peak/DC) | |
| G3VM-21UR1 | UL certification pending. | 1a | E80555 | 450mA 20V (AC peak/DC) | |
| G3VM-21UR11 | UL certification pending. | 1a | E80555 | 1000mA 20V (AC peak/DC) | |
| G3VM-41UR12 | UL certification pending. | 1a | E80555 | 100mA 40V (AC peak/DC) | |
| G3VM-41UR10 | UL certification pending. | 1a | E80555 | 120mA 40V (AC peak/DC) | |
| G3VM-41UR11 | UL certification pending. | 1a | E80555 | 140mA 40V (AC peak/DC) | |
| G3VM-51UR | UL certification pending. | 1a | E80555 | 300mA 50V (AC peak/DC) | |
| G3VM-61UR1 | UL certification pending. | 1a | E80555 | 120mA 60V (AC peak/DC) | |
| G3VM-61UR | UL certification pending. | 1a | E80555 | 400mA 60V (AC peak/DC) | |
| G3VM-81UR | UL certification pending. | 1a | E80555 | 120mA 80V (AC peak/DC) | |
| G3VM-81UR1 | UL certification pending. | 1a | E80555 | 200mA 80V (AC peak/DC) | |
| G3VM-101UR | UL certification pending. | 1a | E80555 | 100mA 100V (AC peak/DC) | |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

●Solid-state Relay

| Model | Standard | Standard No. | Coil ratings | |
|-------------------------|---------------------------------|-----------------------------|--------------|--|
| G3CN-202P(L)(1)-US | UL Approved Models (Recognized) | E64562 (UL508) | 2A 264V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 2A 264V AC | |
| G3CN-203P(L)(1)-US | UL Approved Models (Recognized) | E64562 (UL508) | 3A 264V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 3A 264V AC | |
| G3CN-DX02P(1)-US | UL Approved Models (Recognized) | E64562 (UL508) | 2A 52.8V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 2A 52.8V DC | |
| G3CN-DX03P(1)-US | UL Approved Models (Recognized) | E64562 (UL508) | 3A 52.8V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 3A 52.8V DC | |
| G3M-203P(L)-UTU(-1)(-4) | UL Approved Models (Recognized) | E64562 (UL508) | 3A 250V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 3A 250V AC | |
| | TÜV Approved Models | J50063395 (EN60950-1) | 3A 250V AC | |
| G3M-203P(L)(-4) | UL Approved Models (Recognized) | E64562 (UL508) | 3A 250V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 3A 250V AC | |
| G3M-205P(L)-VD-1(-4) | UL Approved Models (Recognized) | E64562 (UL508) | 5A 250V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 5A 250V AC | |
| | VDE Approved Models | 10148 (EN60950-1 (VDE0805)) | 5A 250V AC | |
| G3S-201PL-US | UL Approved Models (Recognized) | E64562 (UL508) | 1A 250V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 1A 250V AC | |
| G3S-201PL-PD-US | UL Approved Models (Recognized) | E64562 (UL508) | 1.2A 250V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 1.2A 250V AC | |
| G3SD-Z01P-US | UL Approved Models (Recognized) | E64562 (UL508) | 1A 24V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 1A 24V DC | |
| G3SD-Z01P-PD-US | UL Approved Models (Recognized) | E64562 (UL508) | 1.1A 24V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 1.1A 24V DC | |
| G3TB-IAZR02P-US | UL Approved Models (Recognized) | E41515 (UL508) | 25mA 24V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 25mA 24V DC | |
| G3TB-IDZR02P-US | UL Approved Models (Recognized) | E41515 (UL508) | 25mA 24V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 25mA 24V DC | |
| G3TB-OA203PZ(M)-US | UL Approved Models (Recognized) | E41515 (UL508) | 3A 240V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 3A 240V AC | |
| G3TB-OA203PL(M)-US | UL Approved Models (Recognized) | E41515 (UL508) | 3A 240V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 3A 240V AC | |
| G3TB-ODX03P(M)-US | UL Approved Models (Recognized) | E41515 (UL508) | 3A 48V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 3A 48V DC | |
| G3TB-OD201P(M)-US | UL Approved Models (Recognized) | E41515 (UL508) | 1.5A 200V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 1.5A 200V DC | |
| G3R-IAZR1SN-UTU | UL Approved Models (Recognized) | E64562 (UL508) | 100mA 32V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 100mA 32V DC | |
| | TÜV Approved Models | J50064704 (EN60950-1) | 100mA 32V DC | |

Models with Standards Certification

Oct. 2014

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

| Model | Standard | Standard No. | Coil ratings | |
|----------------------|---------------------------------|-----------------------------|--------------|--|
| G3R-IDZR1SN-UTU | UL Approved Models (Recognized) | E64562 (UL508) | 100mA 32V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 100mA 32V DC | |
| | TÜV Approved Models | J50064704 (EN60950-1) | 100mA 32V DC | |
| G3R-IDZR1SN-1-UTU | UL Approved Models (Recognized) | E64562 (UL508) | 100mA 32V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 100mA 32V DC | |
| | TÜV Approved Models | J50064704 (EN60950-1) | 100mA 32V DC | |
| G3R-OA202SZN-UTU | UL Approved Models (Recognized) | E64562 (UL508) | 2A 264V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 2A 264V AC | |
| | TÜV Approved Models | J50064704 (EN60950-1) | 2A 240V AC | |
| G3R-102PLN-US | UL Approved Models (Recognized) | E64562 (UL508) | 2A 125V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 2A 125V AC | |
| G3R-202P (L) (N) -US | UL Approved Models (Recognized) | E64562 (UL508) | 2A 250V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 2A 250V AC | |
| G3RD-X02PN-US | UL Approved Models (Recognized) | E64562 (UL508) | 2A 50V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 2A 50V DC | |
| G3R-OA202SLN-UTU | UL Approved Models (Recognized) | E64562 (UL508) | 2A 264V AC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 2A 264V AC | |
| | TÜV Approved Models | J50064704 (EN60950-1) | 2A 240V AC | |
| G3R-ODX02SN-UTU | UL Approved Models (Recognized) | E64562 (UL508) | 2A 60V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 2A 60V DC | |
| | TÜV Approved Models | J50064704 (EN60950-1) | 2A 60V DC | |
| G3R-OD201SN-UTU | UL Approved Models (Recognized) | E64562 (UL508) | 1.5A 200V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 1.5A 200V DC | |
| | TÜV Approved Models | J50064704 (EN60950-1) | 1.5A 200V DC | |

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

●Power MOS FET Relay

| Model | Standard | Standard No. | Coil ratings | |
|-------------|---------------------------------|----------------------------|------------------------------|--|
| G3DZ-2R6PL | UL Approved Models (Recognized) | E64562 (UL508) | 0.6A 240V AC 0.6A 125V DC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 0.6A 240V AC 0.6A 125V DC | |
| G3DZ-1R5PL | UL Approved Models (Recognized) | E64562 (UL508) | 0.5A 100AC 0.6A 100VDC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 0.5A 100AC 0.6A 100VDC | |
| G3DZ-DZ02P | UL Approved Models (Recognized) | E64562 (UL508) | 2A 24VDC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 2A 24VDC | |
| G3DZ-1R5PLG | UL Approved Models (Recognized) | E64562 (UL508) | 0.5A 125AC 0.6A 100VDC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 0.5A 125AC 0.6A 100VDC | |
| G3DZ-DZ02PG | UL Approved Models (Recognized) | E64562 (UL508) | 2A 26.4VDC | |
| | CSA Approved Models (Certified) | LR35535 (CSAC22.2 (No.14)) | 2A 26.4VDC | |

●DC Power Relay

| Model | Standard | Contact | Operating coil ratings | Standard No. | Coil ratings | |
|------------|--|---------|------------------------|--------------------------------|--|--|
| G9EA | UL/C-UL (CSA) Approved Models (Recognized) | 1a | 12~110V DC | E41515 (UL508) (C22.2No.14) | 60A 277V AC (Resistive) 60A 400V DC (Resistive) | |
| G9EA (CA) | UL/C-UL (CSA) Approved Models (Recognized) | 1a | 12~110V DC | E41515 (UL508) (C22.2No.14) | 30A 277V AC (Resistive) 30A 400V DC (Resistive) 100A 120V DC (Resistive) | |
| G9EC | UL/C-UL (CSA) Approved Models (Recognized) | 1a | 12~100V DC | E41515 (UL508) (C22.2No.14) | 200A 400V DC 200A 277V AC | |
| G9EC(AQ) | UL/C-UL (CSA) Approved Models (Recognized) | 1a | 12~24V DC | E41515 (UL508) (C22.2No.14) | 150A 400V DC (Resistive) | |
| G9EN-1-UVD | UL/C-UL (CSA) Approved Models (Recognized) | 1a | 12~24V DC | E41515 (UL508) (C22.2No.14) | 60A 277V AC (Resistive) 60A 500V DC (Resistive) | |
| G9EJ-1-E | UL/C-UL (CSA) Approved Models (Recognized) | 1a | 12~24V DC | E41515 (UL508) (C22.2No.14) | 15A 500V DC (Resistive) | |

Models with Standards Certification

Oct. 2014

Consult your OMRON sales representative for specific models with standard approvals.

Note: The □ and parentheses in model numbers in the tables are replaced with blanks, numbers, or letters.

| ●Socket | | | | |
|---------|--|------------------------|--------------|--|
| Model | Standard | Standard No. | Coil ratings | |
| P6B-06 | UL/C-UL (CSA) Approved Models (Recognized) | E87929 | 5A 250V AC | |
| | CSA Approved Models (Certified) | — | 5A 250V AC | |
| P6B-26P | UL/C-UL (CSA) Approved Models (Recognized) | E87929 | 5A 250V AC | |
| | CSA Approved Models (Certified) | LR31928 | 5A 250V AC | |
| P6C | UL/C-UL (CSA) Approved Models (Recognized) | E87929 | 10A 250V AC | |
| | CSA Approved Models (Certified) | LR31928 | 10A 250V AC | |
| P6D-04P | UL/C-UL (CSA) Approved Models (Recognized) | E87929 | 5A 250V AC | |
| | CSA Approved Models (Certified) | LR31928 | 5A 250V AC | |
| P7SA-□ | UL Approved Models (Recognized) | E87929 | — | |
| | CSA Approved Models (Certified) | LR35535 | — | |
| | VDE Approved Models | No.40007586 (EN61984) | — | |
| P7S-□ | UL Approved Models (Recognized) | E87929 | — | |
| | CSA Approved Models (Certified) | LR35535 | — | |
| | VDE Approved Models | No.40007595 (IEC61984) | — | |