

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.

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

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	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.

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	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	

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

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.

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	

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	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

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	Standards	Standard No.	Rating
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

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	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

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	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	

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.

●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)	

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.

●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

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.

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

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.

● 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($\cos \phi = 1.0$) 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($\cos \phi = 1.0$) 70°C N.C. side 3A 250V AC($\cos \phi = 1.0$) 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($\cos \phi = 1.0$) (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($\cos \phi = 1.0$) 70°C 5A 30V DC(0ms) 40°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	
G6B()	TÜV Approved Models	1, 2	5~24V DC	R50158246 (EN61810-1)	5A 250V AC($\cos \phi = 1.0$) 70°C 2A 250V AC($\cos \phi = 0.4$) 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($\cos \phi = 1.0$) 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($\cos \phi = 1.0$) (NO) 85°C 8A 250V AC($\cos \phi = 1.0$) 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($\cos \phi = 1$) 85°C	
	TÜV Approved Models (Certified)	1a, 1c	5, 12, 24V DC	R50158258 (EN61810-1)	2.5A 250V AC($\cos \phi = 0.4$) 85°C 10A 250V AC($\cos \phi = 1$) 85°C 8A 30V DC(0ms) 40°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	
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($\cos \phi = 1.0$) 85°C 10A 250V AC($\cos \phi = 1.0$) 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($\cos \phi = 1.0$) 40°C 5A 250V AC($\cos \phi = 0.4$) 40°C	
	TÜV Approved Models	1a	3, 5, 6, 12, 24V DC	R50158249 (EN61810-1)	10A 250V AC($\cos \phi = 1.0$) 40°C 5A 250V AC($\cos \phi = 0.4$) 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($\cos \phi = 1.0$) 40°C 3.5A 250V AC($\cos \phi = 0.4$) 40°C	
	TÜV Approved Models	1a1b	3, 5, 6, 12, 24V DC	R50158249 (EN61810-1)	8A 250V AC($\cos \phi = 1.0$) 40°C 3.5A 250V AC($\cos \phi = 0.4$) 40°C 8A 30V DC(0ms) 40°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	
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	
		1a			15A 250V AC($\cos \phi = 1.0$) 40°C 10A 250V AC($\cos \phi = 0.4$) 40°C 15A 24V DC(0ms) 40°C 7.5A 24V DC(40ms) 40°C	
		2a			10A 250V AC($\cos \phi = 1.0$) 40°C 7.5A 250V AC($\cos \phi = 0.4$) 40°C 10A 24V DC(0ms) 40°C 5A 24V DC(40ms) 40°C	
	VDE Approved Models	1a	6, 12, 24, 48, 100V DC	132295 (EN61810-1)	15A 250V AC($\cos \phi = 1.0$) 55°C 10A 250V AC($\cos \phi = 0.4$) 55°C 15A 24V DC(0ms) 55°C 7.5A 24V DC(40ms) 55°C	
		2a			10A 250V AC($\cos \phi = 1.0$) 55°C 7.5A 250V AC($\cos \phi = 0.4$) 55°C 10A 24V DC(0ms) 55°C 5A 24V DC(40ms) 55°C	
		1a			15A 250V AC($\cos \phi = 1.0$) 55°C 10A 250V AC($\cos \phi = 0.4$) 55°C 15A 24V DC(0ms) 55°C 7.5A 24V DC(40ms) 55°C	
		2a			10A 250V AC($\cos \phi = 1.0$) 55°C 7.5A 250V AC($\cos \phi = 0.4$) 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($\cos \phi = 1.0$) 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($\cos \phi = 1.0$) 85°C 12A 24V DC(L/R=0ms) 85°C AC15:3A 240V AC Temperature DC13:2.5A 24V D C, 50ms Temperature	

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	
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 ($\cos \phi = 1.0$) 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 ($\cos \phi = 1.0$) 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 ($\cos \phi = 1.0$) 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 ($\cos \phi = 1.0$) 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 ($\cos \phi = 1.0$) 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($\cos\phi=1.0$) 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($\cos\phi=1.0$) 85°C 16A 250V AC($\cos\phi=1.0$) 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($\cos\phi=1.0$) 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($\cos\phi=1.0$) 85°C (N.O.only) 5A 250V AC($\cos\phi=1.0$) 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($\cos\phi=1.0$) 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($\cos\phi=1.0$) 40°C 10A 30V DC(0ms) 40°C 16A 250V AC($\cos\phi=1.0$) 70°C	Consult your OMRON representative for details of coil specifications.
		2a, 2c			5A 250V AC($\cos\phi=1.0$) 40°C 5A 30V DC(0ms) 40°C	
	TÜV Approved Models	1	3~120V DC 6~220V AC	R50030327 (EN61810-1)	10A 250V AC($\cos\phi=1.0$) 40°C 10A 30V DC(0ms) 70°C	
		2			5A 250V AC($\cos\phi=1.0$) 40°C 5A 30V DC(0ms) 70°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	
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	

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.

●General-purpose Relay

Model	Standard	Contact	Operating coil ratings	Standard No.	Coil ratings
G7L-1A-B <input type="checkbox"/>	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~($\cos\phi=1$) 60°C 25A 240V AC~($\cos\phi=0.4$) 60°C 30A 120V AC~($\cos\phi=0.4$) 60°C
G7L-1A-B <input type="checkbox"/>	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~($\cos\phi=1$) 60°C 25A 240V AC~($\cos\phi=0.4$) 60°C
G7L-1A-B <input type="checkbox"/>	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~($\cos\phi=1$) 60°C 25A 240V AC~($\cos\phi=0.4$) 60°C
G7L-1A-B <input type="checkbox"/>	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~($\cos\phi=1$) 60°C 25A 240V AC~($\cos\phi=0.4$) 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~($\cos\phi=1$) 60°C 20A 240V AC~($\cos\phi=0.4$) 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~($\cos\phi=1$) 60°C 20A 240V AC~($\cos\phi=0.4$) 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($\cos\phi=0.8$) 85°C	

Models with Standards Certification

July 2015

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.

Models with Standards Certification

July 2015

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)

Models with Standards Certification

July 2015

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)

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.

●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

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.

● 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)	—	