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Cross Reference Guide Key

E = **Equivalent:** No major differences exist between the competitor part number and the Omron equivalent. However, Omron recommends customer verification of compatibility in the application.

S = **Similar:** Differences exist between competitor part number and closest Omron equivalent. Contact your local Omron representative for more information. Omron recommends customer verification of compatibility in the application.

NC = **No Cross:** No equivalent Omron part currently exists. Please contact your local Omron representative for potentially updated information.

While the Omron relays given in this cross-reference are considered functional equivalents, dimensions and/or characteristics may vary slightly from those of comparable competitive relays. The final determination as to the suitability of an Omron equivalent for the buyer's purpose shall be the responsibility of the buyer alone. Omron urges that the buyer test and evaluate the Omron relays in the application. All recommendations and technical advice given by Omron are in the nature of opinions and do not create warranties, either expressed or implied, with respect to the fitness of a relay for the application to which it may be put.

Although due and responsible care has been exercised in compiling this cross-reference, clerical and typographical errors are possible and are subject to correction without notice.

AROMAT Photo-MOS Relay CROSS REFERENCE

Aromat Part Number	OMRON Part Number	Cross Type	Major Differences
AQV101	G3VM-V	S	Aromat I_O=500mA, V_L=40V (DC only), R_{ON}=0.5Ω OMRON I_{MAX}=300mA, V_L=60V (AC/DC), R_{ON}=2Ω
AQV101A	G3VM-VF	S	Aromat I_O=500mA, V_L=40V (DC only), R_{ON}=0.5Ω OMRON I_{MAX}=300mA, V_L=60V (AC/DC), R_{ON}=2Ω
AQV102	G3VM-V	S	Aromat I_O=400mA (DC only), R_{ON}=0.7Ω OMRON I_{MAX}=300mA (AC/DC), R_{ON}=2Ω
AQV102A	G3VM-VF	S	Aromat I_O=400mA (DC only), R_{ON}=0.7Ω OMRON I_{MAX}=300mA (AC/DC), R_{ON}=2Ω
AQV103	G3VM-3	S	Aromat I_O=200mA, V_L=250V(DC only), R_{ON}=4Ω OMRON I_{MAX}=120mA, V_L=350V(AC/DC), R_{ON}=35Ω
AQV103A	G3VM-3F	S	Aromat I_O=200mA, V_L=250V(DC only), R_{ON}=4Ω OMRON I_{MAX}=120mA, V_L=350V(AC/DC), R_{ON}=35Ω
AQV104	G3VM-3	S	Aromat I_O=150mA, V_L=400V (DC only), R_{ON}=8Ω OMRON I_{MAX}=120mA, V_L=350V (AC/DC), R_{ON}=35Ω
AQV104A	G3VM-3F	S	Aromat I_O=150mA, V_L=400V (DC only), R_{ON}=8Ω OMRON I_{MAX}=120mA, V_L=350V (AC/DC), R_{ON}=35Ω
AQV201	G3VM-V	S	Aromat I_O=500mA, V_L=40V, R_{ON}=1Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
AQV201A	G3VM-VF	S	Aromat I_O=500mA, V_L=40V, R_{ON}=1Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
AQV202	G3VM-V	S	Aromat I_O=400mA, R_{ON}=1.4Ω OMRON I_{MAX}=300mA, R_{ON}=Ω
AQV202A	G3VM-VF	S	Aromat I_O=400mA, R_{ON}=1.4Ω OMRON I_{MAX}=300mA, R_{ON}=Ω
AQV203	G3VM-3	S	Aromat I_O=200mA, V_L=250V, R_{ON}=8Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV203A	G3VM-3F	S	Aromat I_O=200mA, V_L=250V, R_{ON}=8Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV204	G3VM-3	S	Aromat I_O=150mA, V_L=400V, R_{ON}=16Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV204A	G3VM-3F	S	Aromat I_O=150mA, V_L=400V, R_{ON}=16Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV210(E)	G3VM-3	S	Aromat I_O=130mA OMRON I_{MAX}=120mA
AQV210(E)A	G3VM-3F	S	Aromat I_O=130mA OMRON I_{MAX}=120mA
AQV210(E)H	G3VM-6	S	Aromat I_O=130mA, V_L=350V, R_{ON}=35Ω OMRON I_{MAX}=150mA, V_L=400V, R_{ON}=12Ω
AQV210(E)HA	G3VM-6F	S	Aromat I_O=130mA, V_L=350V, R_{ON}=35Ω OMRON I_{MAX}=150mA, V_L=400V, R_{ON}=12Ω
AQV210S	G3VM-S3	E	
AQV212(E)	G3VM-V	S	Aromat I_O=400mA, R_{ON}=2.5Ω OMRON I_{MAX}=300mA, R_{ON}=35Ω
AQV212(E)A	G3VM-VF	S	Aromat I_O=400mA, R_{ON}=2.5Ω OMRON I_{MAX}=300mA, R_{ON}=35Ω
AQV212(E)H	G3VM-6	S	Aromat I_O=400mA, R_{ON}=2.5Ω OMRON I_{MAX}=150mA, R_{ON}=12Ω
AQV212(E)HA	G3VM-6F	S	Aromat I_O=400mA, R_{ON}=2.5Ω OMRON I_{MAX}=150mA, R_{ON}=12Ω
AQV212S	G3VM-S3	S	Aromat I_O=350mA, V_L=60V, R_{ON}=2.5Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV214(E)	G3VM-3	S	Aromat V_L=400V, R_{ON}=50Ω OMRON V_L=350V, R_{ON}=35Ω
AQV214(E)A	G3VM-3F	S	Aromat V_L=400V, R_{ON}=50Ω OMRON V_L=350V, R_{ON}=35Ω
AQV214(E)H	G3VM-6	S	Aromat I_O=120mA, R_{ON}=50Ω OMRON I_{MAX}=150mA, R_{ON}=12Ω

AROMAT Photo-MOS Relay CROSS REFERENCE

Aromat Part Number	OMRON Part Number	Cross Type	Major Differences
AQV214(E)HA	G3VM-6F	S	Aromat I_O=120mA, R_{ON}=50Ω OMRON I_{MAX}=150mA, R_{ON}=12Ω
AQV214S	G3VM-S3	S	Aromat I_O=100mA, V_L=400V, R_{ON}=50Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV215(E)	G3VM-V	S	Aromat I_O=320mA, V_L=100V, R_{ON}=4Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
	G3VM-3	S	Aromat I_O=320mA, V_L=100V, R_{ON}=4Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV215(E)A	G3VM-VF	S	Aromat I_O=320mA, V_L=100V, R_{ON}=4Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
	G3VM-3F	S	Aromat I_O=320mA, V_L=100V, R_{ON}=4Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV215S	G3VM-S3	S	Aromat I_O=320mA, V_L=100V, R_{ON}=4Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV216(E)	G3VM-3	S	Aromat I_O=50mA, V_L=600V, R_{ON}=120Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV216(E)A	G3VM-3F	S	Aromat I_O=50mA, V_L=600V, R_{ON}=120Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV216S	G3VM-S3	S	Aromat I_O=50mA, V_L=600V, R_{ON}=120Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV217(E)	G3VM-V	S	Aromat I_O=180mA, V_L=200V, R_{ON}=15Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
	G3VM-3	S	Aromat I_O=180mA, V_L=200V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV217(E)A	G3VM-VF	S	Aromat I_O=180mA, V_L=200V, R_{ON}=15Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
	G3VM-3F	S	Aromat I_O=180mA, V_L=200V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV217S	G3VM-S3	S	Aromat I_O=180mA, V_L=200V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV221	No Cross	NC	RF Photo-MOS
AQV224	No Cross	NC	RF Photo-MOS
AQV224N	No Cross	NC	RF Photo-MOS
AQV224NS	No Cross	NC	RF Photo-MOS
AQV225	No Cross	NC	RF Photo-MOS
AQV225N	No Cross	NC	RF Photo-MOS
AQV225NS	No Cross	NC	RF Photo-MOS
AQV227N	No Cross	NC	RF Photo-MOS
AQV227NS	No Cross	NC	RF Photo-MOS
AQV234	G3VM-3	S	Aromat V_L=400V, R_{ON}=50Ω OMRON V_L=350V, R_{ON}=35Ω
AQV234A	G3VM-3F	S	Aromat V_L=400V, R_{ON}=50Ω OMRON V_L=350V, R_{ON}=35Ω
AQV251	G3VM-V	S	Aromat I_O=500mA, V_L=40V, R_{ON}=0.6Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
AQV251A	G3VM-VF	S	Aromat I_O=500mA, V_L=40V, R_{ON}=0.6Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
AQV252	G3VM-V	S	Aromat I_O=400mA, V_L=60V, R_{ON}=0.74Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω

AROMAT Photo-MOS Relay CROSS REFERENCE

Aromat Part Number	OMRON Part Number	Cross Type	Major Differences
AQV252A	G3VM-VF	S	Aromat I_O=400mA, V_L=60V, R_{ON}=0.74Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
AQV253	G3VM-3	S	Aromat I_O=200mA, V_L=250V, R_{ON}=5.5Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV253A	G3VM-3F	S	Aromat I_O=200mA, V_L=250V, R_{ON}=5.5Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV253H	G3VM-6	S	Aromat I_O=200mA, V_L=250V, R_{ON}=5.5Ω OMRON I_{MAX}=150mA, V_L=400V, R_{ON}=12Ω
AQV253HA	G3VM-6F	S	Aromat I_O=200mA, V_L=250V, R_{ON}=5.5Ω OMRON I_{MAX}=150mA, V_L=400V, R_{ON}=12Ω
AQV254	G3VM-3	S	Aromat I_O=150mA, V_L=400V, R_{ON}=12.4Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
	G3VM-6	S	Aromat R_{ON}=12.4Ω, I/O=2,500Vrms OMRON R_{ON}=12Ω, I/O=5,000Vrms
AQV254A	G3VM-3F	S	Aromat I_O=150mA, V_L=400V, R_{ON}=12.4Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
	G3VM-6F	S	Aromat R_{ON}=12.4Ω, I/O=2,500Vrms OMRON R_{ON}=12Ω, I/O=5,000Vrms
AQV254H	G3VM-6	S	Aromat R_{ON}=16Ω OMRON R_{ON}=12Ω
AQV254HA	G3VM-6F	S	Aromat R_{ON}=16Ω OMRON R_{ON}=12Ω
AQV254R	No Cross	NC	Aromat LED indicator
AQV254RA	No Cross	NC	Aromat LED indicator
AQV255	G3VM-V	S	Aromat I_O=350mA, V_L=100V, R_{ON}=1.8Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
	G3VM-3	S	Aromat I_O=350mA, V_L=100V, R_{ON}=1.8Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV255A	G3VM-VF	S	Aromat I_O=350mA, V_L=100V, R_{ON}=1.8Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
	G3VM-3F	S	Aromat I_O=350mA, V_L=100V, R_{ON}=1.8Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV257	G3VM-V	S	Aromat I_O=250mA, V_L=200V, R_{ON}=2.6Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
	G3VM-3	S	Aromat I_O=250mA, V_L=200V, R_{ON}=2.6Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV257A	G3VM-VF	S	Aromat I_O=250mA, V_L=200V, R_{ON}=2.6Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
	G3VM-3F	S	Aromat I_O=250mA, V_L=200V, R_{ON}=2.6Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV257M	G3VM-V	S	Aromat I_O=250mA, V_L=200V, R_{ON}=2.6Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
	G3VM-3	S	Aromat I_O=250mA, V_L=200V, R_{ON}=2.6Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV257MA	G3VM-VF	S	Aromat I_O=250mA, V_L=200V, R_{ON}=2.6Ω OMRON I_{MAX}=300mA, V_L=60V, R_{ON}=2Ω
	G3VM-3F	S	Aromat I_O=250mA, V_L=200V, R_{ON}=2.6Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQV258	No Cross	NC	Aromat I_O=20mA, V_L=1,500V, R_{ON}=345Ω
AQV258A	No Cross	NC	Aromat I_O=20mA, V_L=1,500V, R_{ON}=345Ω
AQV259	No Cross	NC	Aromat I_O=30mA, V_L=1,000V, R_{ON}=85Ω
AQV259A	No Cross	NC	Aromat I_O=30mA, V_L=1,000V, R_{ON}=85Ω

AROMAT Photo-MOS Relay CROSS REFERENCE

Aromat Part Number	OMRON Part Number	Cross Type	Major Differences
AQV414	No Cross	NC	Aromat 1 Form B
AQV454	No Cross	NC	Aromat 1 Form B Relay
AQV454A	No Cross	NC	Aromat 1 Form B Relay
AQV454H	No Cross	NC	Aromat 1 Form B Relay
AQV454HA	No Cross	NC	Aromat 1 Form B Relay
AQW210	G3VM-W	S	Aromat I_O=130mA OMRON I_{MAX}=120mA
AQW210A	G3VM-WF	S	Aromat I_O=130mA OMRON I_{MAX}=120mA
AQW210S	G3VM-SW	S	Aromat I_O=130mA OMRON I_{MAX}=120mA
AQW210TS	No Cross	NC	Aromat MOSFET + Optocoupler
AQW212	G3VM-W	S	Aromat I_O=400mA, V_L=60V, R_{ON}=2.5Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW212A	G3VM-WF	S	Aromat I_O=400mA, V_L=60V, R_{ON}=2.5Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW212S	G3VM-SY	S	Aromat I_O=400mA, V_L=60V, R_{ON}=2.5Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW214	G3VM-W	S	Aromat I_O=100mA, V_L=400V, R_{ON}=50Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW214A	G3VM-WF	S	Aromat I_O=100mA, V_L=400V, R_{ON}=50Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW214S	G3VM-SW	S	Aromat I_O=100mA, V_L=400V, R_{ON}=50Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW215	G3VM-W	S	Aromat I_O=300mA, V_L=100V, R_{ON}=4Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW215A	G3VM-WF	S	Aromat I_O=300mA, V_L=100V, R_{ON}=4Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW215S	G3VM-SW	S	Aromat I_O=300mA, V_L=100V, R_{ON}=4Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW216	G3VM-W	S	Aromat I_O=40mA, V_L=600V, R_{ON}=120Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW216A	G3VM-WF	S	Aromat I_O=40mA, V_L=600V, R_{ON}=120Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW216S	G3VM-SW	S	Aromat I_O=40mA, V_L=600V, R_{ON}=120Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW217	G3VM-W	S	Aromat I_O=160mA, V_L=200V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW217A	G3VM-WF	S	Aromat I_O=160mA, V_L=200V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW217S	G3VM-SW	S	Aromat I_O=160mA, V_L=200V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW254	G3VM-W	S	Aromat I_O=360mA, V_L=400V, R_{ON}=16Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW254A	G3VM-WF	S	Aromat I_O=360mA, V_L=400V, R_{ON}=16Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
AQW414	No Cross	NC	Aromat 2 Form B Relay
AQW414A	No Cross	NC	Aromat 2 Form B Relay
AQW414S	No Cross	NC	Aromat 2 Form B Relay

AROMAT Photo-MOS Relay CROSS REFERENCE

Aromat Part Number	OMRON Part Number	Cross Type	Major Differences
AQW454	No Cross	NC	Aromat 2 Form B Relay
AQW454A	No Cross	NC	Aromat 2 Form B Relay
AQW614	No Cross	NC	Aromat 1 Form A + 1 Form B
AQW654	No Cross	NC	Aromat 1 Form A + 1 Form B
AQW654A	No Cross	NC	Aromat 1 Form A + 1 Form B
AQY210S	G3VM-S2	S	Aromat R_{ON}=25Ω OMRON R_{ON}=35Ω
AQY214S	G3VM-S2	S	Aromat I_O=100mA, V_L=400V OMRON I_{MAX}=120mA, V_L=350V
AQY210EH	G3VM-2	S	Aromat R_{ON}=25Ω, I/O=5,000Vrms OMRON R_{ON}=35Ω I/O=2,500Vrms
AQY214EH	G3VM-2	S	Aromat V_L=400V, I/O=5,000Vrms OMRON V_L=350V, I/O=2,500Vrms

AROMAT Photo-MOS Relay CROSS REFERENCE

Aromat Part Number	OMRON Part Number	Cross Type	Major Differences

CP Clare OptoMOS Relay Cross Reference

CP Clare Part Number	OMRON Part Number	Cross Type	Major Differences
CPC1030N	G3VM-S2	E	
CPC1035N	G3VM-S2	S	CP Clare I_L=100mA OMRON I_{MAX}=120mA
LAA110	G3VM-W	E	
LAA110S	G3VM-WF	E	
LAA110STR	G3VM-WF(TR)	E	
LAA120	G3VM-W	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=20Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA120S	G3VM-WF	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=20Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA120STR	G3VM-WF(TR)	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=20Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA125	G3VM-W	S	CP Clare I_L=170mA, V_L=300V, R_{ON}=16Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA125S	G3VM-WF	S	CP Clare I_L=170mA, V_L=300V, R_{ON}=16Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA125STR	G3VM-WF(TR)	S	CP Clare I_L=170mA, V_L=300V, R_{ON}=16Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA126	G3VM-W	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA126S	G3VM-WF	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA126STR	G3VM-WF(TR)	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA127	G3VM-W	S	CP Clare I_L=200mA, V_L=250V, R_{ON}=10Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA127S	G3VM-WF	S	CP Clare I_L=200mA, V_L=250V, R_{ON}=10Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LAA127STR	G3VM-WF(TR)	S	CP Clare I_L=200mA, V_L=250V, R_{ON}=10Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LBA110	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA110S	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA110STR	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA120	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA120S	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA120STR	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA126	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA126S	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA126STR	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA127	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA127S	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA127STR	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay

CP Clare OptoMOS Relay Cross Reference

CP Clare Part Number	OMRON Part Number	Cross Type	Major Differences
LBB110	No Cross	NC	CP Clare 2 Form B Relay
LBB110S	No Cross	NC	CP Clare 2 Form B Relay
LBB110STR	No Cross	NC	CP Clare 2 Form B Relay
LBB120	No Cross	NC	CP Clare 2 Form B Relay
LBB120S	No Cross	NC	CP Clare 2 Form B Relay
LBB120STR	No Cross	NC	CP Clare 2 Form B Relay
LBB126	No Cross	NC	CP Clare 2 Form B Relay
LBB126S	No Cross	NC	CP Clare 2 Form B Relay
LBB126STR	No Cross	NC	CP Clare 2 Form B Relay
LCA100	G3VM-3	S	CP Clare: R_{ON}=25Ω OMRON: R_{ON}=35Ω
LCA100S	G3VM-3F	S	CP Clare: R_{ON}=25Ω OMRON: R_{ON}=35Ω
LCA100STR	G3VM-3F(TR)	S	CP Clare: R_{ON}=25Ω OMRON: R_{ON}=35Ω
LCA110	G3VM-3	E	
LCA110S	G3VM-3F	E	
LCA110STR	G3VM-3F(TR)	E	
LCA120	G3VM-3	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=20Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA120S	G3VM-3F	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=20Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA120STR	G3VM-3F(TR)	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=20Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA125	G3VM-3	S	CP Clare I_L=170mA, V_L=300V, R_{ON}=16Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA125S	G3VM-3F	S	CP Clare I_L=170mA, V_L=300V, R_{ON}=16Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA125STR	G3VM-3F(TR)	S	CP Clare I_L=170mA, V_L=300V, R_{ON}=16Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA126	G3VM-3	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA126S	G3VM-3F	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA126STR	G3VM-3F(TR)	S	CP Clare I_L=170mA, V_L=250V, R_{ON}=15Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA127	G3VM-3	S	CP Clare I_L=200mA, V_L=250V, R_{ON}=10Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA127S	G3VM-3F	S	CP Clare I_L=200mA, V_L=250V, R_{ON}=10Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA127STR	G3VM-3F(TR)	S	CP Clare I_L=200mA, V_L=250V, R_{ON}=10Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
LCA710	G3VM-V	S	CP Clare I_L=1,000mA, R_{ON}=0.5Ω OMRON I_{MAX}=300mA, R_{ON}=1.4Ω
LCA710S	G3VM-VF	S	CP Clare I_L=1,000mA, R_{ON}=0.5Ω OMRON I_{MAX}=300mA, R_{ON}=1.4Ω

CP Clare OptoMOS Relay Cross Reference

CP Clare Part Number	OMRON Part Number	Cross Type	Major Differences
LCA710STR	G3VM-VF(TR)	S	CP Clare I_L=1,000mA, R_{ON}=0.5Ω OMRON I_{MAX}=300mA, R_{ON}=1.4Ω
LCB110	No Cross	NC	CP Clare 1 Form B Relay
LCB110S	No Cross	NC	CP Clare 1 Form B Relay
LCB110STR	No Cross	NC	CP Clare 1 Form B Relay
LCB120	No Cross	NC	CP Clare 1 Form B Relay
LCB120S	No Cross	NC	CP Clare 1 Form B Relay
LCB120STR	No Cross	NC	CP Clare 1 Form B Relay
LCB126	No Cross	NC	CP Clare 1 Form B Relay
LCB126S	No Cross	NC	CP Clare 1 Form B Relay
LCB126STR	No Cross	NC	CP Clare 1 Form B Relay
LCB127	No Cross	NC	CP Clare 1 Form B Relay
LCB127S	No Cross	NC	CP Clare 1 Form B Relay
LCB127STR	No Cross	NC	CP Clare 1 Form B Relay
LCC110	No Cross	NC	CP Clare 1 Form C Relay
LCC110S	No Cross	NC	CP Clare 1 Form C Relay
LCC110STR	No Cross	NC	CP Clare 1 Form C Relay
LCC120	No Cross	NC	CP Clare 1 Form C Relay
LCC120S	No Cross	NC	CP Clare 1 Form C Relay
LCC120STR	No Cross	NC	CP Clare 1 Form C Relay
OAA160	Closest Equivalent: G3VM-W	S	CP Clare I_L=50mA, V_L=250V, R_{ON}=100Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
OAA160S	Closest Equivalent: G3VM-WF	S	CP Clare I_L=50mA, V_L=250V, R_{ON}=100Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
OAA160STR	Closest Equivalent: G3VM-WF(TR)	S	CP Clare I_L=50mA, V_L=250V, R_{ON}=100Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
OMA160	Closest Equivalent: G3VM-3	S	CP Clare I_L=50mA, V_L=250V, R_{ON}=100Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
OMA160S	Closest Equivalent: G3VM-3F	S	CP Clare I_L=50mA, V_L=250V, R_{ON}=100Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
OMA160STR	Closest Equivalent: G3VM-3F(TR)	S	CP Clare I_L=50mA, V_L=250V, R_{ON}=100Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
PAA110	G3VM-W	S	CP Clare I_L=150mA, V_L=400V, R_{ON}=22Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
PAA110S	G3VM-WF	S	CP Clare I_L=150mA, V_L=400V, R_{ON}=22Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
PAA110STR	G3VM-WF(TR)	S	CP Clare I_L=150mA, V_L=400V, R_{ON}=22Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
PAA140	Closest Equivalent: G3VM-W	S	CP Clare I_L=250mA, V_L=400V, R_{ON}=8Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω

CP Clare OptoMOS Relay Cross Reference

CP Clare Part Number	OMRON Part Number	Cross Type	Major Differences
PAA140S	Closest Equivalent: G3VM-WF	S	CP Clare I_L=250mA, V_L=400V, R_{ON}=8Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
PAA140STR	Closest Equivalent: G3VM-WF(TR)	S	CP Clare I_L=250mA, V_L=400V, R_{ON}=8Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
PLA110	G3VM-3	S	CP Clare I_L=150mA, V_L=400V, R_{ON}=22Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
	G3VM-6	S	CP Clare I/O=3,750Vrms, R_{ON}=22Ω OMRON I/O=5,000Vrms, R_{ON}=12Ω
PLA110S	G3VM-3F	S	CP Clare I_L=150mA, V_L=400V, R_{ON}=22Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
	G3VM-6F	S	CP Clare I/O=3,750Vrms, R_{ON}=22Ω OMRON I/O=5,000Vrms, R_{ON}=12Ω
PLA110STR	G3VM-3F(TR)	S	CP Clare I_L=150mA, V_L=400V, R_{ON}=22Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
	G3VM-6F(TR)	S	CP Clare I/O=3,750Vrms, R_{ON}=22Ω OMRON I/O=5,000Vrms, R_{ON}=12Ω
PLA140	G3VM-3	S	CP Clare I_L=250mA, V_L=400V, R_{ON}=8Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
	G3VM-6	S	CP Clare I_L=250mA, I/O=3,750Vrms, R_{ON}=8Ω OMRON I_{MAX}=150mA, I/O=5,000Vrms, R_{ON}=12Ω
PLA140S	G3VM-3F	S	CP Clare I_L=250mA, V_L=400V, R_{ON}=8Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
	G3VM-6F	S	CP Clare I_L=250mA, I/O=3,750Vrms, R_{ON}=8Ω OMRON I_{MAX}=150mA, I/O=5,000Vrms, R_{ON}=12Ω
PLA140STR	G3VM-3F(TR)	S	CP Clare I_L=250mA, V_L=400V, R_{ON}=8Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
	G3VM-6F(TR)	S	CP Clare I_L=250mA, I/O=3,750Vrms, R_{ON}=8Ω OMRON I_{MAX}=150mA, I/O=5,000Vrms, R_{ON}=12Ω
PLA160	Closest Equivalent: G3VM-3	S	CP Clare I_L=50mA, V_L=300V, R_{ON}=100Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
PLA160S	Closest Equivalent: G3VM-3F	S	CP Clare I_L=50mA, V_L=300V, R_{ON}=100Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
PLA160STR	Closest Equivalent: G3VM-3F(TR)	S	CP Clare I_L=50mA, V_L=300V, R_{ON}=100Ω OMRON I_{MAX}=120mA, V_L=350V, R_{ON}=35Ω
XAA170	G3VM-W	S	CP Clare I_L=100mA, R_{ON}=50Ω OMRON I_{MAX}=120mA, R_{ON}=35Ω
XAA170S	G3VM-WF	S	CP Clare I_L=100mA, R_{ON}=50Ω OMRON I_{MAX}=120mA, R_{ON}=35Ω
XAA170STR	G3VM-WF(TR)	S	CP Clare I_L=100mA, R_{ON}=50Ω OMRON I_{MAX}=120mA, R_{ON}=35Ω
XBA170	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
XBA170S	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
XBA170STR	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
XBB170	No Cross	NC	CP Clare 2 Form B Relay
XBB170S	No Cross	NC	CP Clare 2 Form B Relay
XBB170STR	No Cross	NC	CP Clare 2 Form B Relay
XCA170	G3VM-3	S	CP Clare I_L=100mA, R_{ON}=50Ω OMRON I_{MAX}=120mA, R_{ON}=35Ω
XCA170S	G3VM-3F	S	CP Clare I_L=100mA, R_{ON}=50Ω OMRON I_{MAX}=120mA, R_{ON}=35Ω
XCA170STR	G3VM-3F(TR)	S	CP Clare I_L=100mA, R_{ON}=50Ω OMRON I_{MAX}=120mA, R_{ON}=35Ω

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1085AAB1	G3VM-3F	S	Infineon I_O=135mA, I/O=3,750Vrms (1 second) OMRON I_{MAX}=120mA, I/O=2,500Vrms (1 minute)
LH1085AAB1-TR	G3VM-3F(TR)	S	Infineon I_O=135mA, I/O=3,750Vrms (1 second) OMRON I_{MAX}=120mA, I/O=2,500Vrms (1 minute)
LH1085AT1	G3VM-3	S	Infineon I_O=135mA, I/O=3,750Vrms (1 second) OMRON I_{MAX}=120mA, I/O=2,500Vrms (1 minute)
LH1156AAB	G3VM-3F	S	Infineon R_{ON}=50Ω, I/O=3,750Vrms (1 second) OMRON R_{ON}=35Ω, I/O=2,500Vrms (1 minute)
LH1156AAB-TR	G3VM-3F(TR)	S	Infineon R_{ON}=50Ω, I/O=3,750Vrms (1 second) OMRON R_{ON}=35Ω, I/O=2,500Vrms (1 minute)
LH1156AT	G3VM-3	S	Infineon R_{ON}=50Ω, I/O=3,750Vrms (1 second) OMRON R_{ON}=35Ω, I/O=2,500Vrms (1 minute)
LH1191AAB1	G3VM-3F	S	Infineon V_L=280V, I/O=3,750Vrms (1 second) OMRON V_L=350mA, I/O=2,500Vrms (1 minute)
LH1191AAB1-TR	G3VM-3F(TR)	S	Infineon V_L=280V, I/O=3,750Vrms (1 second) OMRON V_L=350mA, I/O=2,500Vrms (1 minute)
LH1191AT1	G3VM-3	S	Infineon V_L=280V, I/O=3,750Vrms (1 second) OMRON V_L=350mA, I/O=2,500Vrms (1 minute)
LH1262	No Cross	NC	MOSFET Driver
LH1485	No Cross	NC	MOSFET Driver
LH1500AAB	G3VM-3F	S	Infineon I_O=150mA, I/O=5,300Vrms (1 second) OMRON I_{MAX}=120mA, I/O=2,500Vrms (1 minute)
	G3VM-6F	S	Infineon V_L=350V, I/O=5,300Vrms (1 second) OMRON V_L=400mA, I/O=5,000Vrms (1 minute)
LH1500AAB-TR	G3VM-3F(TR)	S	Infineon I_O=150mA, I/O=5,300Vrms (1 second) OMRON I_{MAX}=120mA, I/O=2,500Vrms (1 minute)
	G3VM-6F(TR)	S	Infineon V_L=350V, I/O=5,300Vrms (1 second) OMRON V_L=400mA, I/O=5,000Vrms (1 minute)
LH1500AT	G3VM-3	S	Infineon I_O=150mA, I/O=5,300Vrms (1 second) OMRON I_{MAX}=120mA, I/O=2,500Vrms (1 minute)
	G3VM-6	S	Infineon V_L=350V, I/O=5,300Vrms (1 second) OMRON V_L=400mA, I/O=5,000Vrms (1 minute)
LH1501AAB	No Cross	NC	Infineon 1 Form B Relay
LH1501AAB-TR	No Cross	NC	Infineon 1 Form B Relay
LH1501AT	No Cross	NC	Infineon 1 Form B Relay
LH1502AAC	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1502AAC-TR	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1502AB	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1503AAC	No Cross	NC	Single Source 2 Form A
LH1503AAC-TR	No Cross	NC	Single Source 2 Form A
LH1503AB	No Cross	NC	Single Source 2 Form A
LH1504AAB	G3VM-6F	S	Infineon I_O=95mA, R_{ON}=35Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 minute)
LH1504AAB-TR	G3VM-6F(TR)	S	Infineon I_O=95mA, R_{ON}=35Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 minute)
LH1504AT	G3VM-6	S	Infineon I_O=95mA, R_{ON}=35Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 minute)

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1505AAC	G3VM-WF	S	Infineon V_L=250V, R_{ON}=20Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1505AAC-TR	G3VM-WF(TR)	S	Infineon V_L=250V, R_{ON}=20Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1505AB	G3VM-W	S	Infineon V_L=250V, R_{ON}=20Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1510AAB	G3VM-6F	S	Infineon V_L=200V, I_O=200mA, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, I/O=5,000Vrms (1 minute)
LH1510AAB-TR	G3VM-6F(TR)	S	Infineon V_L=200V, I_O=200mA, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, I/O=5,000Vrms (1 minute)
LH1510AT	G3VM-6	S	Infineon V_L=200V, I_O=200mA, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, I/O=5,000Vrms (1 minute)
LH1511AAB	No Cross	NC	Infineon 1 Form B Relay
LH1511AAB-TR	No Cross	NC	Infineon 1 Form B Relay
LH1511AT	No Cross	NC	Infineon 1 Form B Relay
LH1512AAC	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1512AAC-TR	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1512AB	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1513AAC	No Cross	NC	Single Source 2 Form A
LH1513AAC-TR	No Cross	NC	Single Source 2 Form A
LH1513AB	No Cross	NC	Single Source 2 Form A
LH1514AAC	No Cross	NC	2 Form A RF Relay
LH1514AAC-TR	No Cross	NC	2 Form A RF Relay
LH1514AB	No Cross	NC	2 Form A RF Relay
LH1516AAB	G3VM-3F	S	Infineon V_L=400V, I_O=200mA, R_{ON}=10Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F	S	Infineon I_O=200mA, R_{ON}=10Ω, I/O=3,750Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1516AAB-TR	G3VM-3F(TR)	S	Infineon V_L=400V, I_O=200mA, R_{ON}=10Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F(TR)	S	Infineon I_O=200mA, R_{ON}=10Ω, I/O=3,750Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1516AT	G3VM-3	S	Infineon V_L=400V, I_O=200mA, R_{ON}=10Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6	S	Infineon I_O=200mA, R_{ON}=10Ω, I/O=3,750Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1517AAB	Closest Equivalent: G3VM-VF	S	Infineon V_L=150V, I_O=400mA, R_{ON}=3.0Ω, I/O=3,750Vrms (1 sec) OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=1.4Ω, I/O=2,500Vrms (1 min)
LH1517AAB-TR	Closest Equivalent: G3VM-VF(TR)	S	Infineon V_L=150V, I_O=400mA, R_{ON}=3.0Ω, I/O=3,750Vrms (1 sec) OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=1.4Ω, I/O=2,500Vrms (1 min)
LH1517AT	Closest Equivalent: G3VM-V	S	Infineon V_L=150V, I_O=400mA, R_{ON}=3.0Ω, I/O=3,750Vrms (1 sec) OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=1.4Ω, I/O=2,500Vrms (1 min)
LH1518AAB	G3VM-3F	S	Infineon V_L=250V, I_O=130mA, R_{ON}=20Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F	S	Infineon V_L=250V, I_O=130mA, R_{ON}=20Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1518AAB-TR	G3VM-3F(TR)	S	Infineon V_L=250V, I_O=130mA, R_{ON}=20Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F(TR)	S	Infineon V_L=250V, I_O=130mA, R_{ON}=20Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1518AT	G3VM-3	S	Infineon V_L=250V, I_O=130mA, R_{ON}=20Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6	S	Infineon V_L=250V, I_O=130mA, R_{ON}=20Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1519AAB	G3VM-3F	S	Infineon V_L=250V, I_O=225mA, R_{ON}=10Ω, I/O=3,500Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-VF	S	Infineon V_L=250V, I_O=225mA, R_{ON}=10Ω, I/O=3,500Vrms (1 sec) OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2Ω, I/O=2,500Vrms (1 min)
LH1519AAB-TR	G3VM-3F(TR)	S	Infineon V_L=250V, I_O=225mA, R_{ON}=10Ω, I/O=3,500Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-VF(TR)	S	Infineon V_L=250V, I_O=225mA, R_{ON}=10Ω, I/O=3,500Vrms (1 sec) OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2Ω, I/O=2,500Vrms (1 min)
LH1519AT	G3VM-3	S	Infineon V_L=250V, I_O=225mA, R_{ON}=10Ω, I/O=3,500Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-V	S	Infineon V_L=250V, I_O=225mA, R_{ON}=10Ω, I/O=3,500Vrms (1 sec) OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2Ω, I/O=2,500Vrms (1 min)
LH1520AAC	G3VM-WF	S	Infineon Io=110mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1520AAC-TR	G3VM-WF(TR)	S	Infineon Io=110mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1520AB	G3VM-W	S	Infineon Io=110mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1521AAC	No Cross	NC	Infineon Dual 1 Form B Relay
LH1521AAC-TR	No Cross	NC	Infineon Dual 1 Form B Relay
LH1521AB	No Cross	NC	Infineon Dual 1 Form B Relay
LH1522AAC	G3VM-WF	S	Infineon V_L=200V, I_O=140mA, R_{ON}=15Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
LH1522AAC-TR	G3VM-WF(TR)	S	Infineon V_L=200V, I_O=140mA, R_{ON}=15Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
LH1522AB	G3VM-W	S	Infineon V_L=200V, I_O=140mA, R_{ON}=15Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
LH1523AAC	No Cross	NC	Infineon Dual 1 Form B Relay
LH1523AAC-TR	No Cross	NC	Infineon Dual 1 Form B Relay
LH1523AB	No Cross	NC	Infineon Dual 1 Form B Relay
LH1524AAC	No Cross	NC	Infineon Dual 1 Form A Relay with Control Circuit
LH1524AAC-TR	No Cross	NC	Infineon Dual 1 Form A Relay with Control Circuit
LH1524AB	No Cross	NC	Infineon Dual 1 Form A Relay with Control Circuit
LH1525AAB	G3VM-3F	S	Infineon V_L=400V, I_O=120mA, R_{ON}=33Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F	S	Infineon I_O=120mA, R_{ON}=33Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1525AAB-TR	G3VM-3F(TR)	S	Infineon V_L=400V, I_O=120mA, R_{ON}=33Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F(TR)	S	Infineon I_O=120mA, R_{ON}=33Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1525ACD	No Cross	NC	1 Form A PCMCIA Relay with Heat Sink
LH1525AT	G3VM-3	S	Infineon V_L=400V, I_O=120mA, R_{ON}=33Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6	S	Infineon I_O=120mA, R_{ON}=33Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1526AAC	G3VM-WF	S	Infineon V_L=400V, Io=90mA, R_{ON}=33Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 min)
LH1526AAC-TR	G3VM-WF(TR)	S	Infineon V_L=400V, Io=90mA, R_{ON}=33Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 min)
LH1526AB	G3VM-W	S	Infineon V_L=400V, Io=90mA, R_{ON}=33Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 min)
LH1526ACE	No Cross	NC	Dual 1 Form A, 18-PIN PCMCIA Relay
LH1527BAB	No Cross	NC	Infineon 1 Form C Relay
LH1527BAB-TR	No Cross	NC	Infineon 1 Form C Relay
LH1527BAC	No Cross	NC	Infineon 1 Form C Relay
LH1527BAC-TR	No Cross	NC	Infineon 1 Form C Relay
LH1527BB	No Cross	NC	Infineon 1 Form C Relay
LH1527BT	No Cross	NC	Infineon 1 Form C Relay
LH1528AAC	No Cross	NC	Infineon 1 Form B + Optocoupler Relay
LH1528AAC-TR	No Cross	NC	Infineon 1 Form B + Optocoupler Relay
LH1528AB	No Cross	NC	Infineon 1 Form B + Optocoupler Relay
LH1529AAC	No Cross	NC	1 Form A + Optocoupler Relay
LH1529AAC-TR	No Cross	NC	1 Form A + Optocoupler Relay
LH1529AB	No Cross	NC	1 Form A + Optocoupler Relay
LH1529BAC	No Cross	NC	1 Form A + Optocoupler Relay
LH1529BAC-TR	No Cross	NC	1 Form A + Optocoupler Relay
LH1529BB	No Cross	NC	1 Form A + Optocoupler Relay
LH1530AAB	G3VM-3F	S	Infineon I_O=150mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_O=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F	S	Infineon V_L=350V, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1530AAB-TR	G3VM-3F(TR)	S	Infineon I_O=150mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_O=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F(TR)	S	Infineon V_L=350V, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1530AT	G3VM-3	S	Infineon I_O=150mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_O=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6	S	Infineon V_L=350V, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1531AAC	G3VM-WF	S	Infineon Io=110mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1531AAC-TR	G3VM-WF(TR)	S	Infineon Io=110mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1531AB	G3VM-W	S	Infineon Io=110mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1532AAC	G3VM-WF	S	Infineon Io=110mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1532AAC-TR	G3VM-WF(TR)	S	Infineon Io=110mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1532AB	G3VM-W	S	Infineon Io=110mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1533AAC	G3VM-WF	S	Infineon Io=70mA, R_{ON}=50Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1533AAC-TR	G3VM-WF(TR)	S	Infineon Io=70mA, R_{ON}=50Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1533AB	G3VM-W	S	Infineon Io=70mA, R_{ON}=50Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=5,000Vrms (1 minute)
LH1535AAB	G3VM-3F	S	Infineon V_L=400mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F	S	Infineon I_O=120mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1535AAB-TR	G3VM-3F(TR)	S	Infineon V_L=400mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F(TR)	S	Infineon I_O=120mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1535AT	G3VM-3	S	Infineon V_L=400mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6	S	Infineon I_O=120mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1537AAB	No Cross	NC	Infineon 1 Form C Relay
LH1537AAB-TR	No Cross	NC	Infineon 1 Form C Relay
LH1537AAC	No Cross	NC	Infineon 1 Form C Relay
LH1537AAC-TR	No Cross	NC	Infineon 1 Form C Relay
LH1537AB	No Cross	NC	Infineon 1 Form C Relay
LH1537AT	No Cross	NC	Infineon 1 Form C Relay
LH1539AAC	No Cross	NC	Infineon 1 Form A + Darlington Relay
LH1539AAC-TR	No Cross	NC	Infineon 1 Form A + Darlington Relay
LH1539AB	No Cross	NC	Infineon 1 Form A + Darlington Relay
LH1540AAB	G3VM-3F	S	Infineon R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F	S	Infineon V_L=350V, I_O=120mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1540AAB-TR	G3VM-3F(TR)	S	Infineon R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F(TR)	S	Infineon V_L=350V, I_O=120mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1540AT	G3VM-3	S	Infineon R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6	S	Infineon V_L=350V, I_O=120mA, R_{ON}=25Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1541AAB1	G3VM-3F	S	Infineon V_L=200V, I_O=50mA, R_{ON}=160Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F	S	Infineon V_L=200V, I_O=50mA, R_{ON}=160Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1541AAB1-TR	G3VM-3F(TR)	S	Infineon V_L=200V, I_O=50mA, R_{ON}=160Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F(TR)	S	Infineon V_L=200V, I_O=50mA, R_{ON}=160Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1541AT1	G3VM-3	S	Infineon V_L=200V, I_O=50mA, R_{ON}=160Ω, I/O=5,300Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6	S	Infineon V_L=200V, I_O=50mA, R_{ON}=160Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1544AAC	G3VM-WF	S	Infineon V_L=200V, I_O=40mA, R_{ON}=160Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
LH1544AAC-TR	G3VM-WF(TR)	S	Infineon V_L=200V, I_O=40mA, R_{ON}=160Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
LH1544AB	G3VM-W	S	Infineon V_L=200V, I_O=40mA, R_{ON}=160Ω, I/O=3,750Vrms (1 sec) OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
LH1547AAB1	G3VM-6F	S	Infineon I_O=95mA, I/O=5,300Vrms (1 sec) OMRON I_O=150mA, I/O=5,000Vrms (1 minute)
LH1547AAB1-TR	G3VM-6F(TR)	S	Infineon I_O=95mA, I/O=5,300Vrms (1 sec) OMRON I_O=150mA, I/O=5,000Vrms (1 minute)
LH1547AT1	G3VM-6	S	Infineon I_O=95mA, I/O=5,300Vrms (1 sec) OMRON I_O=150mA, I/O=5,000Vrms (1 minute)
LH1548ACE	No Cross	NC	1 Form A + Optocoupler PCMCIA Relay
LH1549AAC	No Cross	NC	1 Form A + Optocoupler Relay
LH1549AAC-TR	No Cross	NC	1 Form A + Optocoupler Relay
LH1549AB	No Cross	NC	1 Form A + Optocoupler Relay
LH1550AAB1	G3VM-3F	S	Infineon I_O=100mA, R_{ON}=50Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F	S	Infineon V_L=350V, I_O=100mA, R_{ON}=50Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1550AAB1-TR	G3VM-3F(TR)	S	Infineon I_O=100mA, R_{ON}=50Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6F(TR)	S	Infineon V_L=350V, I_O=100mA, R_{ON}=50Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH1550AT1	G3VM-3	S	Infineon I_O=100mA, R_{ON}=50Ω, I/O=5,300Vrms (1 sec) OMRON I_{MAX}=120mA, R_{ON}=35Ω, I/O=2,500Vrms (1 min)
	G3VM-6	S	Infineon V_L=350V, I_O=100mA, R_{ON}=50Ω, I/O=5,300Vrms (1 sec) OMRON V_L=400V, I_{MAX}=150mA, R_{ON}=12Ω, I/O=5,000Vrms (1 min)
LH2559	No Cross	NC	DAA Interface

NEC (CEL) OCMOSFET Relay Cross Reference

NEC (CEL) Part Number	OMRON Part Number	Cross Type	Major Differences
PS7111-2A	Closest Equivalent: G3VM-W	S	NEC V_L=100V, I_L=100mA, R_{ON}=6Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7111L-2A	Closest Equivalent: G3VM-WF	S	NEC V_L=100V, I_L=100mA, R_{ON}=6Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7112-1A	Closest Equivalent: G3VM-V	S	NEC V_L=100V, I_L=200mA, R_{ON}=6Ω OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2Ω
	Next Closest Equivalent: G3VM-3	S	NEC V_L=100V, I_L=200mA, R_{ON}=6Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=2Ω
PS7112L-1A	Closest Equivalent: G3VM-VF	S	NEC V_L=100V, I_L=200mA, R_{ON}=6Ω OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2Ω
	Next Closest Equivalent: G3VM-3F	S	NEC V_L=100V, I_L=200mA, R_{ON}=6Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=2Ω
PS7113-1A	Closest Equivalent: G3VM-V	S	NEC V_L=100V, I_L=350mA, R_{ON}=2.5Ω OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2.0Ω
PS7113-2A	Closest Equivalent: G3VM-W	S	NEC V_L=100V, I_L=350mA, R_{ON}=2.5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7113L-1A	Closest Equivalent: G3VM-VF	S	NEC V_L=100V, I_L=350mA, R_{ON}=2.5Ω OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2.0Ω
PS7113L-2A	Closest Equivalent: G3VM-WF	S	NEC V_L=100V, I_L=350mA, R_{ON}=2.5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7122-1A	Closest Equivalent: G3VM-V	S	NEC V_L=200V, I_L=200mA, R_{ON}=5.0Ω OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2.0Ω
	Next Closest Equivalent: G3VM-3	S	NEC V_L=200V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7122-2A	Closest Equivalent: G3VM-W	S	NEC V_L=200V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7122A-1A	Closest Equivalent: G3VM-V	S	NEC V_L=250V, I_L=200mA, R_{ON}=5.0Ω OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2.0Ω
	Next Closest Equivalent: G3VM-3	S	NEC V_L=250V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7122A-1B	No Cross	NC	NEC 1 Form B Relay
PS7122A-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7122A-2A	Closest Equivalent: G3VM-W	S	NEC V_L=250V, I_L=200mA, R_{ON}=8Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7122A-2B	No Cross	NC	NEC 2 Form B Relay
PS7122AL-1A	Closest Equivalent: G3VM-VF	S	NEC V_L=250V, I_L=200mA, R_{ON}=5.0Ω OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2.0Ω
	Next Closest Equivalent: G3VM-3F	S	NEC V_L=250V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7122AL-1B	No Cross	NC	NEC 1 Form B Relay
PS7122AL-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7122AL-2A	Closest Equivalent: G3VM-WF	S	NEC V_L=250V, I_L=200mA, R_{ON}=8Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7122AL-2B	No Cross	NC	NEC 2 Form B Relay
PS7122L-1A	Closest Equivalent: G3VM-VF	S	NEC V_L=200V, I_L=200mA, R_{ON}=5.0Ω OMRON V_L=60V, I_{MAX}=300mA, R_{ON}=2.0Ω
	Next Closest Equivalent: G3VM-3F	S	NEC V_L=200V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7122L-2A	Closest Equivalent: G3VM-WF	S	NEC V_L=200V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7141-1A	G3VM-3	S	NEC V_L=400V, I_L=150mA, R_{ON}=40Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω

NEC (CEL) OCMOSFET Relay Cross Reference

NEC (CEL) Part Number	OMRON Part Number	Cross Type	Major Differences
PS7141-1A	G3VM-6	S	NEC I/0=1,500Vrms, R_{ON}=40Ω OMRON I/O=5,000Vrms, R_{ON}=12Ω
PS7141-1B	No Cross	NC	NEC 1 Form B Relay
PS7141-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7141-2A	G3VM-W	S	NEC V_L=400V, I_L=150mA, R_{ON}=30Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7141-2B	No Cross	NC	NEC 2 Form B Relay
PS7141L-1A	G3VM-3F	S	NEC V_L=400V, I_L=150mA, R_{ON}=40Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
	G3VM-6F	S	NEC I/0=1,500Vrms, R_{ON}=40Ω OMRON I/O=5,000Vrms, R_{ON}=12Ω
PS7141L-1B	No Cross	NC	NEC 1 Form B Relay
PS7141L-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7141L-2A	G3VM-WF	S	NEC V_L=400V, I_L=150mA, R_{ON}=30Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7141L-2B	No Cross	NC	NEC 2 Form B Relay
PS7142-1A	G3VM-3	S	NEC V_L=400V, I_L=200mA, R_{ON}=10Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
	G3VM-6	S	NEC I_L=200mA, I/0=1,500Vrms, R_{ON}=10Ω OMRON I_{MAX}=150mA, I/O=5,000Vrms, R_{ON}=12Ω
PS7142-1B	No Cross	NC	NEC 1 Form B Relay
PS7142-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7142-2A	G3VM-W	S	NEC V_L=400V, I_L=200mA, R_{ON}=12Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7142-2B	No Cross	NC	NEC 2 Form B Relay
PS7142L-1A	G3VM-3F	S	NEC V_L=400V, I_L=200mA, R_{ON}=10Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
	G3VM-6F	S	NEC I_L=200mA, I/0=1,500Vrms, R_{ON}=10Ω OMRON I_{MAX}=150mA, I/O=5,000Vrms, R_{ON}=12Ω
PS7142L-1B	No Cross	NC	NEC 1 Form B Relay
PS7142L-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7142L-2A	G3VM-WF	S	NEC V_L=400V, I_L=200mA, R_{ON}=12Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7142L-2B	No Cross	NC	NEC 2 Form B Relay
PS7160-1A	Closest Equivalent: G3VM-6	S	NEC I_L=200mA, V_L=600V, I/O=1,500Vrms, R_{ON}=50Ω OMRON I_{MAX}=150mA, V_L=400V, I/O=5,000Vrms, R_{ON}=12Ω
PS7160-2A	Closest Equivalent: G3VM-W	S	NEC V_L=600V, I_L=90mA, R_{ON}=50Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=12Ω
PS7160L-1A	Closest Equivalent: G3VM-6F	S	NEC I_L=200mA, V_L=600V, I/O=1,500Vrms, R_{ON}=50Ω OMRON I_{MAX}=150mA, V_L=400V, I/O=5,000Vrms, R_{ON}=12Ω
PS7160L-2A	Closest Equivalent: G3VM-WF	S	NEC V_L=600V, I_L=90mA, R_{ON}=50Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=12Ω
PS7200A-1A	Closest Equivalent: G3VM-S5	S	NEC V_L=40V, I_L=100mA, R_{ON}=12Ω OMRON V_L=200V, I_{MAX}=150mA, R_{ON}=8Ω
PS7200B-1A	Closest Equivalent: G3VM-S5	S	NEC V_L=40V, I_L=250mA, R_{ON}=1.5Ω OMRON V_L=200V, I_{MAX}=150mA, R_{ON}=8Ω

NEC (CEL) OCMOSFET Relay Cross Reference

NEC (CEL) Part Number	OMRON Part Number	Cross Type	Major Differences
PS7212-1A	Closest Equivalent: G3VM-S5	S	NEC V_L=100V, I_L=200mA, R_{ON}=6Ω OMRON V_L=200V, I_{MAX}=150mA, R_{ON}=8Ω
PS7241-1A	G3VM-S2	S	NEC V_L=400V, R_{ON}=3Ω OMRON V_L=350V, R_{ON}=35Ω
PS7241-1B	No Cross	NC	NEC 1 Form B Relay
PS7241H-1A	G3VM-S2	S	NEC V_L=400V, I/O=3,750Vrms, R_{ON}=30Ω OMRON V_L=350V, I/O=1,500Vrms, R_{ON}=35Ω
PS7341-1A	G3VM-6	S	NEC I/O=3,750Vrms, R_{ON}=30Ω OMRON I/O=1,500Vrms, R_{ON}=12Ω
PS7341-1B	No Cross	NC	NEC 1 Form B Relay
PS7341L-1A	G3VM-6F	S	NEC I/O=3,750Vrms, R_{ON}=30Ω OMRON I/O=1,500Vrms, R_{ON}=12Ω
PS7341L-1B	No Cross	NC	NEC 1 Form B Relay
PS7342-1A	G3VM-6	S	NEC I_L=200mA, I/O=3,750Vrms, R_{ON}=10Ω OMRON I_{MAX}=150mA, I/O=1,500Vrms, R_{ON}=12Ω
PS7342L-1A	G3VM-6F	S	NEC I_L=200mA, I/O=3,750Vrms, R_{ON}=10Ω OMRON I_{MAX}=150mA, I/O=1,500Vrms, R_{ON}=12Ω
PS7360-1A	Closest Equivalent: G3VM-W	S	NEC V_L=600V, I_L=90mA, I/O=3,750Vrms, R_{ON}=50Ω OMRON V_L=400V, I_{MAX}=150mA, I/O=1,500Vrms, R_{ON}=35Ω
PS7360L-1A	Closest Equivalent: G3VM-WF	S	NEC V_L=600V, I_L=90mA, I/O=3,750Vrms, R_{ON}=50Ω OMRON V_L=400V, I_{MAX}=150mA, I/O=1,500Vrms, R_{ON}=35Ω
PS7522-1A	Closest Equivalent: G3VM-3	S	NEC V_L=200V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7522-2A	Closest Equivalent: G3VM-W	S	NEC V_L=200V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7522L-1A	Closest Equivalent: G3VM-3F	S	NEC V_L=200V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7522L-2A	Closest Equivalent: G3VM-WF	S	NEC V_L=200V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω
PS7622A-2A	Closest Equivalent: G3VM-SW	S	NEC V_L=260V, I_L=200mA, R_{ON}=5Ω OMRON V_L=350V, I_{MAX}=120mA, R_{ON}=35Ω