

Product Change Notice: PhotoMOS Safety Standard Change

PCN.PG01.07.30.2024

07.30.2024

About This Notice:

We would like to inform you that the safety standard UL508 certification will be revoked. After June 2024, the only applicable UL certification standard will be UL1577.

Effective Date:

From June 1, 2024 production onward.

Change Details:

	Before	After (From June 2024 onwards)
UL certification standard	UL508/UL1577	UL1577 only

Others (The difference between UL508 and UL1577)

Standard	Main target products	Main certification requirements	Resin used UL certification requirements
UL508	Relays, Timers and PLCs etc.	Certification is based on various requirements such as resin materials, insulation thickness and ratings.	Yes
UL1577	Photo Couplers and PhotoMOS etc.	Certification is based on factors such as isolation voltage.	No

Affected Parts:

See attached Affected Parts List.

Datasheet(s):

No change to Datasheets.

Notes:

There are no specification, pricing, or changes to the existing part numbers.

Panasonic PCN.PG01.07.30.2024 PhotoMOS Standard Change Affected Parts

Affected Series	Affected Part Numbers	Comments
GE 1 Form A	AQY216EHAX	
GE 1 Form A	AQY216EHA	
GE 1 Form A	AQY216EH	
GE 1 Form A	AQY214EHAX	
GE 1 Form A	AQY214EHA	
GE 1 Form A	AQY214EH	
GE 1 Form A	AQY212EHAX	
GE 1 Form A	AQY212EHA	
GE 1 Form A	AQY212EH	
GE 1 Form A	AQY211EHAX	
GE 1 Form A	AQY211EHA	
GE 1 Form A	AQY211EH	
GE 1 Form A	AQY210EHAX	
GE 1 Form A	AQY210EHA	
GE 1 Form A	AQY210EH	
GE 1 Form B	AQY414EHAX	
GE 1 Form B	AQY414EHA	
GE 1 Form B	AQY414EH	
GE 1 Form B	AQY412EHAX	
GE 1 Form B	AQY412EHA	
GE 1 Form B	AQY412EH	
GE 1 Form B	AQY410EHAX	
GE 1 Form B	AQY410EHA	
GE 1 Form B	AQY410EH	
GU 1 Form A Current Limiting	AQY210HLAX	
GU 1 Form A Current Limiting	AQY210HLA	
GU 1 Form A Current Limiting	AQY210HL	
GU 1 Form A High Capacity	AQY212GHAX	
GU 1 Form A High Capacity	AQY212GHA	
GU 1 Form A High Capacity	AQY212GH	
GE 1 Form A	AQV214EHAX	
GE 1 Form A	AQV214EHA	
GE 1 Form A	AQV214EH	
GE 1 Form A	AQV210EHAX	
GE 1 Form A	AQV210EHA	
GE 1 Form A	AQV210EH	
GE 1 Form B	AQV414EHAX	
GE 1 Form B	AQV414EHA	
GE 1 Form B	AQV414EH	
GE 1 Form B	AQV412EHAX	

GE 1 Form B	AQV412EHA
GE 1 Form B	AQV412EH
GE 1 Form B	AQV410EHAX
GE 1 Form B	AQV410EHA
GE 1 Form B	AQV410EH
GU 1 Form A	AQV217AX
GU 1 Form A	AQV217A
GU 1 Form A	AQV217
GU 1 Form A	AQV216AX
GU 1 Form A	AQV216A
GU 1 Form A	AQV216
GU 1 Form A	AQV215AX
GU 1 Form A	AQV215A
GU 1 Form A	AQV215
GU 1 Form A	AQV214HAX
GU 1 Form A	AQV214HA
GU 1 Form A	AQV214H
GU 1 Form A	AQV214AX
GU 1 Form A	AQV214A
GU 1 Form A	AQV214
GU 1 Form A	AQV212AX
GU 1 Form A	AQV212A
GU 1 Form A	AQV212
GU 1 Form A Short Circuit Protection	AQV112KLAX
GU 1 Form A Short Circuit Protection	AQV112KLA
GU 1 Form A Short Circuit Protection	AQV112KL
GU 1 Form B	AQV414AX
GU 1 Form B	AQV414A
GU 1 Form B	AQV414
HE 1 Form A	AQV259AX
HE 1 Form A	AQV259A
HE 1 Form A	AQV259
HE 1 Form A	AQV258AX
HE 1 Form A	AQV258A
HE 1 Form A	AQV258
HE 1 Form A	AQV257AX
HE 1 Form A	AQV257A
HE 1 Form A	AQV257
HE 1 Form A	AQV256HAX
HE 1 Form A	AQV256HA
HE 1 Form A	AQV256H
HE 1 Form A	AQV255AX
HE 1 Form A	AQV255A
HE 1 Form A	AQV255
HE 1 Form A	AQV254HAX
HE 1 Form A	AQV254HA
HE 1 Form A	AQV254H

HE 1 Form A	AQV254AX
HE 1 Form A	AQV254A
HE 1 Form A	AQV254
HE 1 Form A	AQV253HAX
HE 1 Form A	AQV253HA
HE 1 Form A	AQV253H
HE 1 Form A	AQV253AX
HE 1 Form A	AQV253A
HE 1 Form A	AQV253
HE 1 Form A	AQV252AX
HE 1 Form A	AQV252A
HE 1 Form A	AQV252
HE 1 Form A	AQV251AX
HE 1 Form A	AQV251A
HE 1 Form A	AQV251
HE 1 Form A High Capacity	AQV255G3AX
HE 1 Form A High Capacity	AQV255G3A
HE 1 Form A High Capacity	AQV255G3
HE 1 Form A High Capacity	AQV252GAX
HE 1 Form A High Capacity	AQV252GA
HE 1 Form A High Capacity	AQV252G3AX
HE 1 Form A High Capacity	AQV252G3A
HE 1 Form A High Capacity	AQV252G3
HE 1 Form A High Capacity	AQV252G
HE 1 Form A High Capacity	AQV251GAX
HE 1 Form A High Capacity	AQV251GA
HE 1 Form A High Capacity	AQV251G
HE 1 Form B	AQV454HAX
HE 1 Form B	AQV454HA
HE 1 Form B	AQV454H
HE 1 Form B	AQV454AX
HE 1 Form B	AQV454A
HE 1 Form B	AQV454
HE 1 Form B	AQV453AX
HE 1 Form B	AQV453A
HE 1 Form B	AQV453
HF 1 Form a High Capacity	AQV209GAX
HF 1 Form a High Capacity	AQV209GA
HF 1 Form a High Capacity	AQV209G
HS 1 Form A	AQV234AX
HS 1 Form A	AQV234A
HS 1 Form A	AQV234
RF 1 Form A Low on-resistance	AQV227NA
RF 1 Form A Low on-resistance	AQV227N
RF 1 Form A Low on-resistance	AQV224NAX
RF 1 Form A Low on-resistance	AQV224NA
RF 1 Form A Low on-resistance	AQV224N

HE 1 Form A	AQV258H5AX
HE 1 Form A	AQV258H5A
HE 1 Form A	AQV258H5
GE 1 Form A & 1 Form B	AQW614EHAX
GE 1 Form A & 1 Form B	AQW614EHA
GE 1 Form A & 1 Form B	AQW614EH
GE 1 Form A & 1 Form B	AQW612EHAX
GE 1 Form A & 1 Form B	AQW612EHA
GE 1 Form A & 1 Form B	AQW612EH
GE 1 Form A & 1 Form B	AQW610EHAX
GE 1 Form A & 1 Form B	AQW610EHA
GE 1 Form A & 1 Form B	AQW610EH
GE 2 Form A	AQW216EHAX
GE 2 Form A	AQW216EHA
GE 2 Form A	AQW216EH
GE 2 Form A	AQW214EHAX
GE 2 Form A	AQW214EHA
GE 2 Form A	AQW214EH
GE 2 Form A	AQW212EHAX
GE 2 Form A	AQW212EHA
GE 2 Form A	AQW212EH
GE 2 Form A	AQW210EHAX
GE 2 Form A	AQW210EHA
GE 2 Form A	AQW210EH
GE 2 Form B	AQW414EHAX
GE 2 Form B	AQW414EHA
GE 2 Form B	AQW414EH
GU 1 Form A & 1 Form B	AQW614AX
GU 1 Form A & 1 Form B	AQW614A
GU 1 Form A & 1 Form B	AQW614
GU 2 Form A	AQW217AX
GU 2 Form A	AQW217A
GU 2 Form A	AQW217
GU 2 Form A	AQW216AX
GU 2 Form A	AQW216A
GU 2 Form A	AQW216
GU 2 Form A	AQW215AX
GU 2 Form A	AQW215A
GU 2 Form A	AQW215
GU 2 Form A	AQW214AX
GU 2 Form A	AQW214A
GU 2 Form A	AQW214
GU 2 Form A	AQW212AX
GU 2 Form A	AQW212A
GU 2 Form A	AQW212
GU 2 Form A	AQW210AX
GU 2 Form A	AQW210A

GU 2 Form A	AQW210
GU 2 Form A Current Limiting	AQW210HLAX
GU 2 Form A Current Limiting	AQW210HLA
GU 2 Form A Current Limiting	AQW210HL
GU 2 Form B	AQW414AX
GU 2 Form B	AQW414A
GU 2 Form B	AQW414
HE 1 Form A & 1 Form B	AQW654AX
HE 1 Form A & 1 Form B	AQW654A
HE 1 Form A & 1 Form B	AQW654
HE 2 Form A	AQW254AX
HE 2 Form A	AQW254A
HE 2 Form A	AQW254
HE 2 Form B	AQW454AX
HE 2 Form B	AQW454A
HE 2 Form B	AQW454
RF 2 Form A Low on-resistance	AQW227NAX
RF 2 Form A Low on-resistance	AQW227NA
RF 2 Form A Low on-resistance	AQW227N
RF 2 Form A Low on-resistance	AQW224NAX
RF 2 Form A Low on-resistance	AQW224NA
RF 2 Form A Low on-resistance	AQW224N
PD 1 Form A	AQY277AX
PD 1 Form A	AQY277A
PD 1 Form A	AQY277
PD 1 Form A	AQY275AX
PD 1 Form A	AQY275A
PD 1 Form A	AQY275
PD 1 Form A	AQY274AX
PD 1 Form A	AQY274A
PD 1 Form A	AQY274
PD 1 Form A	AQY272AX
PD 1 Form A	AQY272A
PD 1 Form A	AQY272
Power 1 Form A	AQZ207
Power 1 Form A	AQZ205
Power 1 Form A	AQZ204
Power 1 Form A	AQZ202
Power 1 Form A	AQZ107
Power 1 Form A	AQZ105
Power 1 Form A	AQZ104
Power 1 Form A	AQZ102
Power 1 Form A DC High Capacity	AQZ197
Power 1 Form A DC High Capacity	AQZ192
Power 1 Form A High Capacity	AQZ207G
Power 1 Form A High Capacity	AQZ206G2
Power 1 Form A High Capacity	AQZ205G

Power 1 Form A High Capacity	AQZ202G
Power 1 Form A Voltage-sensitive	AQZ207D
Power 1 Form A Voltage-sensitive	AQZ205D
Power 1 Form A Voltage-sensitive	AQZ204D
Power 1 Form A Voltage-sensitive	AQZ202D
Power 1 Form A Voltage-sensitive	AQZ107D
Power 1 Form A Voltage-sensitive	AQZ105D
Power 1 Form A Voltage-sensitive	AQZ104D
Power 1 Form A Voltage-sensitive	AQZ102D
Power 1 Form B	AQZ404
GU SOP 1 Form A	AQY214SX
GU SOP 1 Form A	AQY214S
GU SOP 1 Form A	AQY212SX
GU SOP 1 Form A	AQY212S
GU SOP 1 Form A	AQY210SX
GU SOP 1 Form A	AQY210S
GU SOP 1 Form A (4-pin)	AQY215SX
GU SOP 1 Form A (4-pin)	AQY215S
GU SOP 1 Form A Current Limiting	AQY210LSX
GU SOP 1 Form A Current Limiting	AQY210LS
GU SOP 1 Form A High Capacity	AQY282GSX
GU SOP 1 Form A High Capacity	AQY282GS
GU SOP 1 Form A High Capacity	AQY212GSX
GU SOP 1 Form A High Capacity	AQY212GS
GU SOP 1 Form A High Capacity	AQY212G2SX
GU SOP 1 Form A High Capacity	AQY212G2S
GU SOP 1 Form A High Capacity	AQY211G2SX
GU SOP 1 Form A High Capacity	AQY211G2S
GU SOP 1 Form A High Capacity Low on-resistance	AQY217GSX
GU SOP 1 Form A High Capacity Low on-resistance	AQY217GS
GU SOP 1 Form A Short Circuit Protection	AQY210KSX
GU SOP 1 Form A Short Circuit Protection	AQY210KS
GU SOP 1 Form B	AQY414SX
GU SOP 1 Form B	AQY414S
GU SOP 1 Form B	AQY412SX
GU SOP 1 Form B	AQY412S
GU SOP 1 Form B	AQY410SX
GU SOP 1 Form B	AQY410S
HS SOP 1 Form A	AQY234SX
HS SOP 1 Form A	AQY234S
HS SOP 1 Form A	AQY232SX
HS SOP 1 Form A	AQY232S
HS SOP 1 Form A	AQY230SX
HS SOP 1 Form A	AQY230S
RF SOP 1 Form A CxR	AQY225R2SX
RF SOP 1 Form A CxR	AQY225R2S
RF SOP 1 Form A CxR	AQY225R1SX

RF SOP 1 Form A CxR	AQY225R1S
RF SOP 1 Form A CxR	AQY222R1SX
RF SOP 1 Form A CxR	AQY222R1S
RF SOP 1 Form A CxR10	AQY221R2SX
RF SOP 1 Form A CxR10	AQY221R2S
RF SOP 1 Form A CxR10	AQY221N2SX
RF SOP 1 Form A CxR10	AQY221N2S
GU SOP 1 Form A High Capacity	AQY212G3HSX
GU SOP 1 Form A High Capacity	AQY212G3HS
HS SOP 1 Form A	AQY232G3HSX
HS SOP 1 Form A	AQY232G3HS
GU SOP 1 Form A	AQV217SX
GU SOP 1 Form A	AQV217S
GU SOP 1 Form A	AQV216SX
GU SOP 1 Form A	AQV216S
GU SOP 1 Form A	AQV215SX
GU SOP 1 Form A	AQV215S
GU SOP 1 Form A	AQV214SX
GU SOP 1 Form A	AQV214S
GU SOP 1 Form A	AQV212SX
GU SOP 1 Form A	AQV212S
GU SOP 1 Form A	AQV210SX
GU SOP 1 Form A	AQV210S
GU SOP 1 Form B	AQV414SX
GU SOP 1 Form B	AQV414S
HE SOP 1 Form A High Capacity	AQV255GSX
HE SOP 1 Form A High Capacity	AQV255GS
HE SOP 1 Form A High Capacity	AQV255G3SX
HE SOP 1 Form A High Capacity	AQV255G3S
HE SOP 1 Form A High Capacity	AQV252G3SX
HE SOP 1 Form A High Capacity	AQV252G3S
HE SOP 1 Form A High Capacity	AQV252G2SX
HE SOP 1 Form A High Capacity	AQV252G2S
RF SOP 1 Form A Low on-resistance	AQV227NSX
RF SOP 1 Form A Low on-resistance	AQV227NS
RF SOP 1 Form A Low on-resistance	AQV224NSX
RF SOP 1 Form A Low on-resistance	AQV224NS
GU SOP 1 Form A & 1 Form B	AQW612SX
GU SOP 1 Form A & 1 Form B	AQW612S
GU SOP 1 Form A & 1 Form B	AQW610SX
GU SOP 1 Form A & 1 Form B	AQW610S
GU SOP 2 Form A	AQW214SX
GU SOP 2 Form A	AQW214S
GU SOP 2 Form A	AQW212SX
GU SOP 2 Form A	AQW212S
GU SOP 2 Form A	AQW210SX
GU SOP 2 Form A	AQW210S

GU SOP 2 Form B	AQW414SX
GU SOP 2 Form B	AQW414S
RF SOP 2 Form A CxR	AQW223R2SX
RF SOP 2 Form A CxR	AQW223R2S
RF SOP 2 Form A Low on-resistance	AQW227NSX
RF SOP 2 Form A Low on-resistance	AQW227NS