

Part No. vs. Load Voltage Quick Reference

PhotoMOS Relays

Form A Type

Group name	Part No.	Package style	Number of channels	Load voltage	40 V	60 V	100 V (RF:80 V)	200 V	250 V	350 V	400 V	600 V	1000 V	1500 V
				Third digit	1	2	5	7	3	0	4	6	9	8
HE	AQV25○	DIP	1-channel	Standard Viso	AQV251	AQV252	AQV255	AQV257	AQV253		AQV254 AQV254R		AQV259	AQV258
	High Viso							AQV253H		AQV254H				
	AQW25○		2-channels	Standard Viso							AQW254			
HE Soft ON/OFF type	AQV25○M	DIP	1-channel	Standard Viso				AQV257M						
GU	AQV21○	DIP	1-channel	Standard Viso		AQV212	AQV215	AQV217		AQV210	AQV214	AQV216		
				High Viso							AQV214H			
	AQW21○		2-channels	Standard Viso		AQW212	AQW215	AQW217		AQW210	AQW214	AQW216		
	AQX2144○	SIL	4-channels	Standard Viso							AQX21444			
	AQY21○S	SOP	1-channel (4 pin)	Standard Viso						AQY210S	AQY214S			
	AQV21○S		1-channel (6 pin)	Standard Viso		AQV212S	AQV215S	AQV217S		AQV210S	AQV214S	AQV216S		
	AQW21○S		2-channels	Standard Viso						AQW210S	AQW214S			
	AQW21○TS	SOP	2-channels (MOSFET+optocoupler)	Standard Viso						AQW210TS				
	AQW21○T2S		3-channels (MOSFET+2optocouplers)	Standard Viso						AQW210T2S				
	AQS21○PS	SOP	2-channels (MOSFET+optocoupler)	Standard Viso						AQS210PS				
AQS21○TS	SOP	3-channels (2MOSFET+optocoupler)	Standard Viso						AQS210TS					
AQS21○T2S	SOP	3-channels (MOSFET+2optocouplers)	Standard Viso						AQS210T2S					
GU-E	AQY21○E	DIP	1-channel	High Viso						AQY210EH	AQY214EH			
	AQV21○E	DIP	1-channel	Standard Viso						AQV210E	AQV214E			
	High Viso								AQV210EH	AQV214EH				
AQW21○E	DIP	2-channel	High Viso						AQW210EH	AQW214EH				
RF	AQV22○	DIP	1-channel	Standard Viso	AQV221		AQV225							
	AQV22○N	DIP	1-channel	Standard Viso	AQV221N		AQV225N	AQV227N			AQV224N			
	AQW22○N		2-channels	Standard Viso			AQW225N	AQW227N			AQW224N			
	AQV22○NS	SOP	1-channel	Standard Viso			AQV225NS	AQV227NS			AQV224NS			
	AQY22○N1S	SOP	1-channel	Standard Viso	AQY221N1S									
HS	AQV23○	DIP	1-channel	Standard Viso							AQV234			
HF	AQV10○	DIP	1-channel	Standard Viso	AQV101	AQV102			AQV103		AQV104			
	AQV20○		1-channel	Standard Viso	AQV201	AQV202			AQV203		AQV204			
PD	AQY27○	DIP	1-channel	Standard Viso		AQY272	AQY275	AQY277			AQY274			
	AQW27○	DIP	2-channels	Standard Viso		AQW272	AQW275	AQW277			AQW274			

Form B Type

Group name	Part No.	Package style	Number of channels	Load voltage	250 V	400 V
				Third digit	3	4
HE	AQV45○	DIP	1-channel	Standard Viso	AQV453	AQV454
	High Viso				AQV454H	
	AQW45○		2-channels	Standard Viso		AQW454
GU	AQV41○	DIP	1-channel	Standard Viso		AQV414
	AQW41○		2-channels	Standard Viso		AQW414
	AQY41○S	SOP	1-channel (4-pin)	Standard Viso		AQY414S
	AQV41○S		1-channel (6-pin)	Standard Viso		AQV414S
GU-E	AQV41○E	DIP	1-channel	Standard Viso		AQV414E
	High Viso				AQV414EH	
	AQY41○E		1-channel	High Viso		AQY414EH
	AQW41○E		2-channels	High Viso		AQW414EH
Power Standard	AQZ40○	SIL	1-channel	Standard Viso		AQZ404

Form A Form B Type

Group name	Part No.	Package style	Number of channel	Load voltage	400 V
				Third digit	4
HE	AQW65○	DIP	2-channels	Standard Viso	AQW654
GU	AQW61○	DIP	2-channels	Standard Viso	AQW614
GU-E	AQW61○EH	DIP	2-channels	High Viso	AQW614EH

Power PhotoMOS Relays

Form A Type

Group name	Part No.	Package style	Number of channels	Load voltage	40 V	60 V	100 V	200 V	250 V	350 V	400 V
				Third digit	1	2	5	7	3	0	4
Standard type	AQZ10○	SIL	1-channel	Standard Viso		AQZ102	AQZ105	AQZ107			AQZ104
	AQZ20○					AQZ202	AQZ205	AQZ207			AQZ204
Varistor incorporated type	AQZ20○V					AQZ202V	AQZ205V	AQZ207V			AQZ204V
	Voltage sensitive type				AQZ10○D		AQZ102D	AQZ105D	AQZ107D		
					AQZ20○D		AQZ202D	AQZ205D	AQZ207D		
High capacity type	AQZ26○							AQZ262			

○ stands for third digit.

Notes: 1. Standard Viso: 1,500 V between I/O. 2. High Viso: 5,000 V between I/O.