

SSR MOSFET Output



Solid State Relay MOSFET Output is used mainly to control the switch of output pole connection, which provides normally open 1A, normally close 1B, 2A, 2B, normally open and normally close 1C and 1 photo coupler+1 MOS connectors. Its characteristics are high voltage, low impedance, compact package, anti-vibration, contactor-less or multiple connector combination and quick response to high frequency.

[Normal Close](#)

[Normal Open / low Current & ON](#)

[Normal Close + Normal](#)

[Type](#)

[Resistance Type](#)

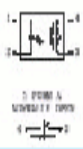
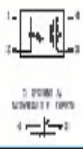
[Open Type](#)

[Normal Open](#)

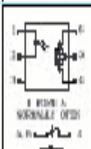
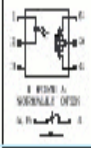
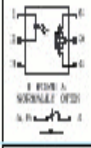
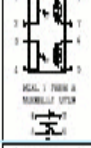
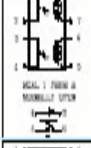
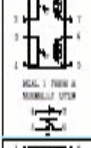
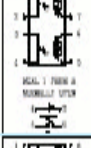
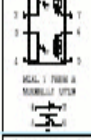
[Type](#)




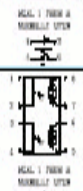




Normal Open Type > Normal Open Type









Model Number	Contact Form	Output Load Voltage AC/DC max Vb (V)	Output Load Current max IL(mA)	Output ON Resistance Typ AC/DC Ron(ohm)	Output Ton(mS)	Output Toff(mS)	Output Output Off-State Leakage max Itoff(μA)	Input Forward Voltage max VF(V)	Input Operation Typ IFon(mA)	Input Recovery min IOff(mA)	Input Isolation Voltage min Viso(Vrms)	UL	TUV	FIMKO	VDE
KAQY2J2		60	400	0.83	1.5	1.5	1.0	1.5	1.5	0.2	3750	⊗	⊗	⊗	
KAQY2J2S		60	400	0.83	1.5	1.5	1.0	1.5	1.2	0.2	1500	⊗	⊗	⊗	
KAQY2J7		200	180	6	1.0	1.0	1.0	1.5	1.5	0.2	3750	⊗	⊗	⊗	
KAQY2J7S		200	180	6	1.0	1.0	1.0	1.5	1.2	0.2	1500	⊗	⊗	⊗	

KAQY213		250	200	8	10	1.5	10	1.5	1.5	1.5	0.2	5000	⊙			⊙
KAQY213S		250	200	8	10	1.5	10	1.5	1.5	1.2	0.2	5000	⊙			⊙
KAQY210																

KAQV2.12		60	400	0.83	1.5	1.5	1.0	1.5	1.5	0.2	3750	⊙	⊙	⊙	
KAQV2.12S		60	400	0.83	1.5	1.5	1.0	1.5	1.2	0.2	1800	⊙	⊙	⊙	
KAQV2.17															

KAQV2.14S		400	130	20	1.0	1.5	1.0	1.5	1.2	0.2	1500	⊗	⊗	⊗	
KAQV2.16		600	120	35	1.0	1.5	1.0	1.5	1.5	0.2	5000	⊗			⊗
KAQV2.16S		600	120	35	1.0	1.5	1.0	1.5	1.2	0.2	1500	⊗			⊗
KAQW2.12		60	400	0.83	1.5	1.5	1.0	1.5	1.5	0.2	3750	⊗	⊗	⊗	
KAQW2.12S		60	400	0.83	1.5	1.5	1.0	1.5	1.2	0.2	1500	⊗	⊗	⊗	
KAQW2.17		200	180	6	1.0	1.0	1.0	1.5	1.5	0.2	3750	⊗	⊗	⊗	
KAQW2.17S		200	180	6	1.0	1.0	1.0	1.5	1.2	0.2	1500	⊗	⊗	⊗	
KAQW2.13		250	200	8	1.0	1.0	1.0	1.5	1.5	0.2	5000	⊗			⊗

KAQW2.13		250	200	8	1.0	1.0	1.0	1.5	1.5	0.2	5000	⊙			⊙
KAQW2.13S		250	200	8	1.0	1.0	1.0	1.5	1.2	0.2	1500	⊙			⊙
KAQW2.10		350	130	20	1.0	1.5	1.0	1.5	1.5	0.2	3750	⊙	⊙	⊙	
KAQW2.10S		350	130	20	1.0	1.5	1.0	1.5	1.2	0.2	1500	⊙	⊙	⊙	
KAQW2.14		400	130	20	1.0	1.5	1.0	1.5	1.5	0.2	3750	⊙	⊙	⊙	
KAQW2.14S		400	130	20	1.0	1.5	1.0	1.5	1.2	0.2	1500	⊙	⊙	⊙	
KAQW2.16		600	120	35	1.0	1.5	1.0	1.5	1.5	0.2	5000	⊙			⊙
KAQW2.16S		600	120	35	1.0	1.5	1.0	1.5	1.2	0.2	1500	⊙			⊙

KAQY2.12H		60	400	0.83	1.5	1.5	1.0	1.5	1.5	0.2	5000				
KAQY2.17H		200	180	6	1.0	1.0	1.0	1.5	1.5	0.2	5000				
KAQY2.10H		350	130	20	1.0	1.5	1.0	1.5	1.5	0.2	5000				
KAQY2.14H		400	130	20	1.0	1.5	1.0	1.5	1.5	0.2	5000				
KAQV2.12H		60	400	0.83	1.5	1.5	1.0	1.5	1.5	0.2	5000				
KAQV2.17H		200	180	6	1.0	1.0	1.0	1.5	1.5	0.2	5000				
KAQV2.10H		350	130	20	1.0	1.5	1.0	1.5	1.5	0.2	5000				
KAQV2.14H		400	130	20	1.0	1.5	1.0	1.5	1.5	0.2	5000				

KAQW2.12H		60	400	0.83	1.5	1.5	1.0	1.5	1.5	0.2	5000				
KAQW2.17H		200	180	6	1.0	1.0	1.0	1.5	1.5	0.2	5000				
KAQW2.10H		350	130	20	1.0	1.5	1.0	1.5	1.5	0.2	5000				
KAQW2.14H		400	130	20	1.0	1.5	1.0	1.5	1.5	0.2	5000				
KAQV2.10S		350	130	20	1.0	1.5	1.0	1.5	1.2	0.2	1500	⊙	⊙	⊙	

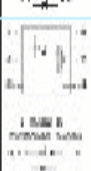





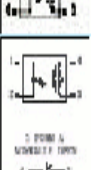

Normal Open / low Current & ON Resistance Type

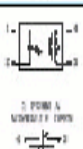




Model Number	Contact Form	Output Load Voltage AC/DC max Vb (V)	Output Load Current max IL (mA)	Output ON Resistance Typ AC/DC Ron(ohm)	Output Ton(mS)	Output Toff(mS)	Output Output Off-State Leakage max Itoff(µA)	Input Forward Voltage max VF(V)	Input Operation Typ IFon(mA)	Input Recovery Input Current min IOff(mA)	Input Isolation Voltage min Viso(Vrms)	UL	TUV	FIMKO	VDE
KAQY2.12SE		60	200	7	1.5	1.5	1.0	1.5	1.2	0.2	1500	⊙	⊙	⊙	
KCP1017		60	130	7	1.0	1.5	1.0	1.5	0.5	* VFOFF=0.5V	1500	⊙	⊙	⊙	

KCP1008		100	150	6	2.0	1.0	1.0	1.5	1.2	0.2	1500	⊗	⊗	⊗	
KAQV253		250	200	5	1.0	1.5	1.0	1.5	1.2	0.2	5000	⊗			⊗
KAQV254		400	150	12	1.0	1.5	1.0	1.5	1.5	0.2	5000	⊗			⊗

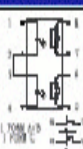
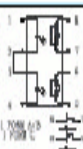
Normal Close Type

Model Number	Contact Form	Output Load Voltage AC/DC max Vb (V)	Output Load Current max IL (mA)	Output ON Resistance Typ AC/DC Ron(ohm)	Output Ton(mS)	Output Toff(mS)	Output Output Off-State Leakage max Itoff(uA)	Input Forward Voltage max VF(V)	Input Operation Typ IFon(mA)	Input Recovery min IOff(mA)	Input Isolation Voltage min Viso(Vrms)	UL	TUV	FIMKO	VDE
KAQY414		400	130	25	1.5	1.0	2	1.5	0.2	1.5	3750	⊗	⊗	⊗	
KAQY414S		400	130	25	1.5	1.0	2	1.5	0.2	1.2	1500	⊗	⊗	⊗	
KAQV414		400	130	25	1.5	1.0	2.0	1.5	0.2	1.5	3750	⊗	⊗	⊗	
KAQV414S		400	130	25	1.5	1.0	2	1.5	0.2	1.2	1500	⊗	⊗	⊗	

KAQV414		400	130	25	1.5	1.0	2.0	1.5	0.2	1.5	3750	⊗	⊗	⊗	
KAQV414S		400	130	25	1.5	1.0	2	1.5	0.2	12	1800	⊗	⊗	⊗	
KAQW414		400	130	25	1.5	1.0	2	1.5	0.2	1.5	3750	⊗	⊗	⊗	
KAQW414S		400	130	25	1.5	1.0	2	2	0.2	12	1800	⊗	⊗	⊗	
KAQY414H		400	130	25	1.5	1.0	2.0	1.5	0.2	1.5	5000				
KAQV414H		400	130	25	1.5	1.0	2.0	1.5	0.2	1.5	5000				
KAQW414H		400	130	25	1.5	1.0	2.0	1.5	0.2	1.5	5000				
KAQY412		60	200	2.5	1.5	1.5	2.0	1.5	0.2	1.5	5000	⊗			⊗






KAQY412S		60	200	2.5	1.5	1.5	2.0	1.5	0.2	1.2	1500	⊗			⊗
KAQV412		60	200	2.5	1.5	1.5	2.0	1.5	0.2	1.5	5000	⊗			⊗
KAQV412S		60	200	2.5	1.5	1.5	2.0	1.5	0.2	1.2	1500	⊗			⊗
KAQW412		60	200	2.5	1.5	1.5	2.0	1.5	0.2	1.5	5000	⊗	⊗	⊗	
KAQW412S		60	200	2.5	1.5	1.5	2.0	1.5	0.2	1.2	1500	⊗			⊗

Normal Close + Normal Open Type

Model Number	Contact Form	Output Load Voltage AC/DC max Vb (V)	Output Load Current max IL (mA)	Output ON Resistance Typ AC/DC Ron(ohm)	Output Ton(mS)	Output Toff(mS)	Output Off-State Leakage max Itoff(uA)	Input Forward Voltage max VF(V)	Input Operation Typ IFon(mA)	Input Recovery min IOff(mA)	Input Isolation Voltage min Viso(Vrms)	UL	TUV	FIMKO	VDE
KAQW614		400	130	N.O=20 N.C=40	N.O=1.0 N.C=1.5	N.O=1.5 N.C=1.0	N.O=1.0 N.C=2.0	1.5	N.O=1.5 N.C=0.2	N.O=0.2 N.C=1.5	3750	⊗	⊗	⊗	
KAQW614S		400	130	N.O=20 N.C=40	N.O=1.0 N.C=1.5	N.O=1.5 N.C=1.0	N.O=1.0 N.C=2.0	1.5	N.O=1.2 N.C=0.2	N.O=0.2 N.C=1.2	1500	⊗	⊗	⊗	

KAQW412S		60	200	2.5	1.5	1.5	2.0	1.5	0.2	1.2	1500	⊗				⊗
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Normal Close + Normal Open Type

Model Number	Contact Form	Output Load Voltage AC/DC max Vb (V)	Output Load Current max IL (mA)	Output ON Resistance Typ AC/DC Ron(ohm)	Output Ton(ms)	Output Toff(ms)	Output Off-State Leakage max Itoff(uA)	Input Forward Voltage max VF(V)	Input Operation Typ IFon(mA)	Input Recovery min IFoff(mA)	Input Isolation Voltage min Viso(Vrms)	UL	TUV	FIMKO	VDE	
KAQW614		400	130	N.O=20 N.C=40	N.O=1.0 N.C=1.5	N.O=1.5 N.C=1.0	N.O=1.0 N.C=2.0	1.5	N.O=1.5 N.C=0.2	N.O=0.2 N.C=1.5	3750	⊗	⊗	⊗		
KAQW614S		400	130	N.O=20 N.C=40	N.O=1.0 N.C=1.5	N.O=1.5 N.C=1.0	N.O=1.0 N.C=2.0	1.5	N.O=1.2 N.C=0.2	N.O=0.2 N.C=1.2	1500	⊗	⊗	⊗		
KAQW614H		400	130	N.O=20 N.C=40	N.O=1.0 N.C=1.5	N.O=1.5 N.C=1.0	N.O=1.0 N.C=2.0	1.5	N.O=1.5 N.C=0.2	N.O=0.2 N.C=1.5	5000					
KAQW612		60	200	N.O=0.83 N.C=2.50	N.O=1.5 N.C=1.5	N.O=1.0 N.C=2.0	N.O=1.0 N.C=2.0	1.5	N.O=1.5 N.C=0.2	N.O=0.2 N.C=1.5	5000	⊗				⊗
KAQW612S		60	200	N.O=0.83 N.C=2.50	N.O=1.5 N.C=1.5	N.O=1.5 N.C=1.5	N.O=1.0 N.C=2.0	1.5	N.O=1.2 N.C=0.2	N.O=0.2 N.C=1.2	1500	⊗				⊗