

- 8KVdc Switching
- 17KVdc coil to contact isolation
- PCB and polyamide bolt mounting
- Connection via 1/4" push on terminals or flying leads
- Fully vacuum (5 ton) encapsulated

Switching voltage	8kV dc	Contact resistance	100mΩ (max.), 40mΩ (typ.)
Switching current	3A	Operate/Release	1.5/1ms
Switching power	50W	Insulation resistance	1000MΩ

207139

COIL		Order Code	Price Each			
V dc	Ω		1+	10+	20+	50+
<b>SPNO - Push On Terminals</b>						
4.5-5.5	50	910-855	3,192.00	3,012.00	2,875.00	2,716.00
10.8-13.2	200	910-867	3,192.00	3,012.00	2,875.00	2,716.00
21.6-26.4	820	910-879	3,055.00	2,869.00	2,738.00	2,587.00
<b>SPNO - Flying Leads</b>						
4.5-5.5	50	910-910	3,828.00	3,486.00	3,136.00	2,875.00
10.8-13.2	200	910-922	3,828.00	3,486.00	3,136.00	2,875.00
21.6-26.4	820	910-934	3,828.00	3,486.00	3,136.00	2,706.00

**Solid State Relays**

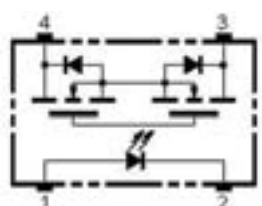
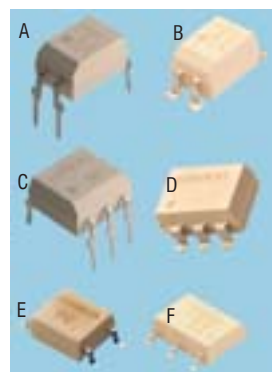
**General Features**

- No contacts to wear or bounce
- No contacts to arc, therefore intrinsically safe
- Higher current handling capacity
- Low power consumption - TTL & MOS circuitry
- No audible noise from contacts or coils
- Minimal electrical and RFI noise
- Higher isolation voltages
- Not effected by vibration

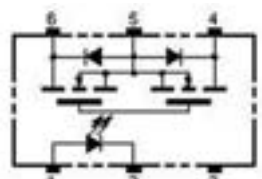
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**MOSFET Relays**

**G3VM Series**



4 Pin



6 Pin

- High load voltage capability
- Large isolation between input and output
- MOSFET design ensures fast switching
- PCB THT and SMD versions available
- UL Recognised

Output Style	Dielectric strength I/O	Time on/off (ms)	LED forward voltage (min/max)	Load current (mA)	On state Resistance (max)	Mftrs. List No.	Order Code
SPST - NO	2500 V rms	1/1	1.0/1.3	120	50R	G3VM351A	991-8779
SPST - NO	2500 V rms	1/1	1.0/1.3	120	50R	G3VM351B	991-8787
SPST - NO	2500 V rms	1/1	1.0/1.3	120	50R	G3VM351D	991-8795
SPST - NO	2500 V rms	1/1	1.0/1.3	120	50R	G3VM351E	991-8809
SPST - NO	1500 V rms	1/3	1.0/1.3	110	35R	G3VM351G	991-8817
SPST - NO	1500 V rms	1/1	1.0/1.3	110	50R	G3VM351H	991-8825
SPST - NC	2500 V rms	1/3	1.0/1.3	150	25R	G3VM353A	991-8833
SPST - NO	2500 V rms	1/3	1.0/1.3	150	25R	G3VM353B	991-8841
SPST - NC	2500 V rms	1/3	1.0/1.3	150	25R	G3VM353D	991-8850
SPST - NO	2500 V rms	1/3	1.0/1.3	150	25R	G3VM353E	991-8868
SPST - NC	1500 V rms	1/3	1.0/1.3	120	25R	G3VM353G	991-8876
SPST - NC	1500 V rms	1/3	1.0/1.3	120	25R	G3VM353H	991-8884
SPST - NO	2500 V rms	1/1	1.0/1.3	120	35R	G3VM401A	991-8892
SPST - NO	2500 V rms	1/1	1.0/1.3	120	35R	G3VM401B	991-8906
SPST - NO	2500 V rms	1/1	1.0/1.3	120	35R	G3VM401D	991-8914
SPST - NO	2500 V rms	1/3	1.0/1.3	150	35R	G3VM401E	991-8922
SPST - NO	1500 V rms	1/1	1.0/1.3	120	35R	G3VM401G	991-8930
SPST - NO	1500 V rms	1/3	1.0/1.0	120	35R	G3VM401H	991-8949
SPST - NO	2500 V rms	2/0.5	1.0/1.3	500	2R	G3VM61A1	991-8957
SPST - NO	2500 V rms	2/0.5	1.0/1.3	500	2R	G3VM61B1	991-8965
SPST - NO	2500 V rms	2/0.5	1.0/1.3	500	2R	G3VM61D1	991-8973
SPST - NO	2500 V rms	2/0.5	1.0/1.3	500	2R	G3VM61E1	991-8981
SPST - NO	1500 V rms	2/0.5	1.0/1.3	400	2R	G3VM61G1	991-8990
SPST - NO	1500 V rms	2/0.5	1.0/1.3	400	2R	G3VM61H1	991-9007

414157

Load Voltage (Peak)	Case Style	Order Code	1+	10+	25+	50+
350V ac	A	991-8779	144.00	133.00	128.00	123.00
350V ac	C	991-8787	154.00	144.00	138.00	133.00
350V ac	B	991-8795	154.00	144.00	138.00	133.00
350V ac	D	991-8809	154.00	144.00	138.00	133.00
350V ac	E	991-8817	161.00	149.00	144.00	138.00
350V ac	F	991-8825	201.00	188.00	180.00	176.00
350V ac	A	991-8833	463.00	432.00	417.00	402.00
350V ac	C	991-8841	507.00	472.00	455.00	443.00
350V ac	B	991-8850	507.00	472.00	455.00	443.00

Load Voltage (Peak)	Case Style	Order Code	1+	10+	25+	50+
350V ac	D	991-8868	536.00	498.00	485.00	474.00
350V ac	E	991-8876	402.00	374.00	363.00	353.00
350V ac	F	991-8884	536.00	498.00	484.00	474.00
400V ac	A	991-8892	216.00	201.00	196.00	192.00
400V ac	C	991-8906	258.00	240.00	234.00	228.00
400V ac	B	991-8914	213.00	200.00	193.00	186.00
400V ac	D	991-8922	258.00	240.00	235.00	228.00
400V ac	E	991-8930	196.00	184.00	178.00	173.00
400V ac	F	991-8949	279.00	259.00	253.00	243.00
60V ac	A	991-8957	186.00	172.00	168.00	162.00
60V ac	C	991-8965	219.00	204.00	196.00	192.00
60V ac	B	991-8973	186.00	172.00	168.00	162.00
60V ac	D	991-8981	224.00	207.00	201.00	196.00
60V ac	E	991-8990	154.00	144.00	138.00	133.00
60V ac	F	991-9007	190.00	176.00	170.00	166.00

**Optically Isolated Relay**

1A, 80V dc



The ZD relay is designed in a compact plastic 6 pin DIP. The relay provides short circuit/overload protection. High environmental ratings such as shock and vibration are provided by the design. The compact size, rugged design, low leakage, and internal protection makes the ZD the ideal relay for demanding applications.

**NEW**

- Short circuit protected up to 60V dc
- Overload trip
- Low off-state leakage current
- Compact 6 pin DIP package

Load (Control) Voltage Range (V dc)	Current Range (mA)	Turn ON (ms)	Turn OFF (ms)	Leakage Current (µA)	Output (Load) Voltage Range (V dc)	Current Rating (A)	On state Res. (Ω)
2 to 3	8 to 20			20	0 to 80	1	

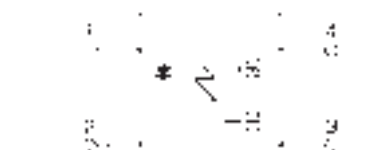
414600

Load Voltage Range (V dc)	Mftrs. List No.	Order Code	1+	10+	25+
0 to 80	ZD20CDW	990-6916	3,293.00	3,073.00	2,571.00

**Photo MOS - AQY Series**



Ultra-miniature H=2.1, W=4.3, D=4.4 (Pin spacing 2.54 x 6.0)



Sub-miniature H=3.2, W=4.78, D=6.4 (Pin spacing 2.54 x 8.3)

- Available in ultraminiature SO and subminiature DIL packages
- Reinforced barrier gives 5000V rms I/O isolation (EH and EHA types)
- ac or dc switching capability
- Low-level off state leakage current

Load Voltage (pk)	Load Current (mA)	Isolation Voltage (ac)	Mftrs. List No.	Order Code
0 to 40V	120	1500	AQY221N2S	372-7890
0 to 350V	100	1500	AQY210S	310-5313
0 to 400V	80	1500	AQY414S	310-5325
0 to 350V	130	5000	AQY210EH	310-5337
0 to 400V	120	5000	AQY414EH	310-5349
0 to 350V	130	5000	AQY210EHA	310-5350

207082

Load Voltage Range	Order Code	1+	25+	50+	100+	+
<b>Single Pole, N/O - Ultra-miniature - Surface mount</b>						
0 to 40	372-7890	322.00	--	--	--	--
0 to 350	310-5313	308.00	281.00	258.00	238.00	--
<b>Single Pole, N/C - Ultra-miniature - Surface mount</b>						
0 to 400	310-5325	402.00	365.00	335.00	309.00	--
<b>Single Pole, N/O - Sub-miniature - Through Hole</b>						
0 to 350	310-5337	250.00	228.00	209.00	192.00	--
<b>Single Pole, N/C - Sub-miniature - Through Hole</b>						
0 to 400	310-5349	275.00	250.00	230.00	212.00	--
<b>Single Pole, N/O - Sub-miniature - Surface mount</b>						
0 to 350	310-5350	250.00	228.00	209.00	192.00	--

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Relays & Solenoids

Compliant Non-compliant + Limited stock - RoHS replacement available **RoHS**