

- DC controlled
- Built-in snubber network
- Zero voltage switching
- UL recognised, CSA certified

Output terminations are via 6.35mm (1/4") push on terminals. Suitable input connectors are Order Codes 143-128 or 146-256 used in conjunction with 977-3789.

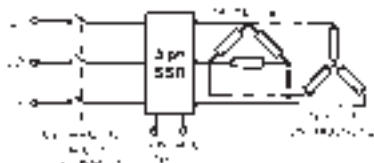
Input Voltage	4-15V dc	Must release voltage	1V dc
Input resistance	310Ω	Off-state dv/dt	200V/μs
Load voltage	24-280V ac	Operating temperature	-30° to +80°
Isolation (input/output)	2500V rms		

Load Current (A)	Output Device	Blocking Voltage V <sub>DRM</sub>	Single Cycle Surge (A)	Overload Current-1sec (A rms)	Mfrs. List No.	Order Code
25	Thyristor	500	350	25	D2425D	120-0196
40	Thyristor	600	500	40	D2440D	120-0199
20	Triac	500	250	20	TD2420Q	120-0200

Note: SSRs use semiconductor output devices therefore protective fuses should be semiconductor (ultra fast) type.

Description	Order Code	Price Each		
		1+	10+	25+
Dual output 25A	120-0196	2,685.00	2,471.00	2,418.00
Dual output 40A	120-0199	3,261.00	3,002.00	2,936.00
Quad output 20A	120-0200	5,661.00	4,529.00	3,397.00
Thermal Transfer Pad	120-0269	45.00	40.00	37.00

25A and 50A Three Phase Modules - A53/D53 Series



L=104, W=73.5, H=22  
Fixing centres=92 x 47.6, dia.=5.3

- AC and DC controlled
- Zero voltage switching
- 530Vac load switching from single logic level input or ac signal
- SCR output for excellent dv/dt characteristics
- Terminal barriers, LED indication and snubber network fitted
- Fingerproof cover available

Note: All units have CR snubber circuits, however for some inductive loads it may be necessary to use additional dv/dt suppressing eg. metal oxide varistors or silicon transient clippers.

Heatsink Order Code	Mounting Method	Relay Load Current			
		25A AC1	30A AC3	50A AC1	50A AC3
175-648	Cage nut	18A	16A	27A	24A
150-019	Self tapping screw	25A	22A	36A	36A

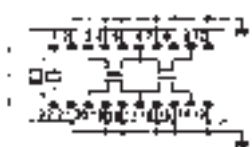
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FOR SUITABLE HEATSINK SEE ORDER CODES 175-648 AND 150-019

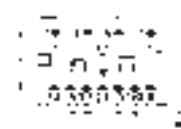
Input Voltage	Load Current	Mfrs. List No.	Order Code	Price Each		
				1+	10+	25+
90-280V ac	25A	A53TP25D	120-0205	6,989.00	6,431.00	6,291.00
90-280V ac	50A	A53TP50D	120-0206	8,359.00	7,314.00	6,496.00
3-32V dc	25A	D53TP25D	120-0207	6,057.00	5,574.00	5,454.00
3-32V dc	50A	D53TP50D	120-0208	6,757.00	6,216.00	6,052.00
Safety cover		KS300	120-0209	246.00	197.00	162.00
Thermal Transfer Pad		KS100	120-0266	107.00	86.00	71.00

High Frequency Relays

UHF/VHF Signal - G5Y Series



G5Y-1 L=20.5, W=11.5, H=9.0 Pins on 2.54 pitch  
G5Y-254P-1 L=32.5, W=12.5, H=9.0 Pins on 2.54 pitch



- SPCO and DPCO contacts
- Suitable for UHF/VHF signal switching 1μW to 15W
- Typical insertion loss of less than 0.25dB @ 900MHz
- Low 110mW coil pick up power and VSWR of 1.38(typ) @ 900MHz
- Fully sealed
- Correct coil polarity must be observed

Contact arrangement	SPCO/DPCO	Isolation	60dB @ 900MHz
Contact rating	0.01A @ 24V ac/dc	Operate/Release	10ms/5ms
Contact material	Copper alloy, Gold plated	Coil operating range	85 - 110%
VSWR	1.8 max. @ 900MHz	Temperature range	-30°C to +70°C
Coil consumption	360mW-G5Y-1 360mW-G5Y-254P-1		

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COIL Volts	Ω	Order Code	Price Each				
			1+	20+	100+	250+	+
<b>SPCO - G5Y-1 Series</b>							
24V dc	1920	257-138	667.00	616.00	587.00	500.00	--
<b>DPCO - G5Y-254P-1 Series</b>							
5V dc	69.5	257-140	685.00	642.00	610.00	570.00	--
12V dc	400	257-151	855.00	786.00	732.00	631.00	--
24V dc	1600	257-163	863.00	794.00	740.00	674.00	--
5V dc	69.5	994-9518	685.00	642.00	610.00	570.00	--
12V dc	400	994-9526	855.00	786.00	732.00	631.00	--
24V dc	1600	994-9534	863.00	794.00	740.00	674.00	--

PCB Relays

Subminiature - High Sensitivity - G6H Series PCB and Surface Mount



L=14.0, W=9.0, H=5.0  
Pin spacing=2.54

- DPDT high sensitivity relay
- Gold plated crossbar contacts
- 80mW coil pick up power
- Sealed to IP67
- Low level switching with high operating speed
- Ideal for telecom and instrumentation applications
- Surface mount version available
- UL Recognised and CSA approved
- Conforms to FCC Part 68

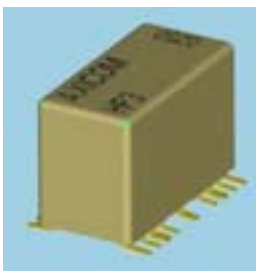
Contact arrangement	DPCO, bifurcated contacts
Contact rating	0.5A @ 125V ac, 1A @ 30V dc
Max. switching voltage	125V ac, 110V dc
Contact material	Silver, Gold plated
Coil consumption (nominal)	140mW, (24V dc 200mW)
Operate/Release (max.)	3ms/2ms
Coil operated range	75-150% (@ 23°C)
Temperature range	-40°C to +70°C (PCB type) -40°C to +85°C (SM type)

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COIL Volts	Ω	Order Code	Price Each			
			1+	20+	100+	250+
<b>Surface Mount - DPCO Single Coil - G6H-2F Series</b>						
5V dc	178	SMD 994-9607	444.00	402.00	362.00	294.00
12V dc	1028	SMD 994-9615	444.00	402.00	362.00	294.00
24V dc	2880	SMD 994-9623	444.00	402.00	362.00	294.00
<b>PCB - DPCO Single Coil - G6H-2100 Series</b>						
5V dc	178	994-9194	345.00	311.00	294.00	261.00
12V dc	1028	994-9208	345.00	311.00	294.00	261.00
24V dc	2880	994-9216	345.00	311.00	294.00	261.00
<b>PCB - DPCO Single Coil Latching - G6HU-2 Series</b>						
5V	250	118-1058	577.00	534.00	512.00	479.00
12V	1440	118-1059	577.00	534.00	512.00	479.00
24V	3840	118-1060	577.00	534.00	512.00	479.00
<b>PCB - DPCO Double Coil Latching - G6HK-2 Series</b>						
5V	125 + 125	118-1061	577.00	534.00	512.00	479.00
12V	720 + 720	118-1062	577.00	534.00	512.00	479.00
24V	1920 + 1920	118-1064	577.00	534.00	512.00	479.00

1A Single Pole

HF3 Series, 50Ω



- DC to 3 GHz frequency range
- 2A maximum switching current
- Polarized coil
- Low power consumption ≤140 mW
- Immersion cleanable



H=10, W=14.6, D=7.2mm

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Relays & Solenoids

Compliant Non-compliant  
RoHS Limited stock - RoHS replacement available