

PCB Relays - continued

High Sensitivity - G6A Series - continued

207098

| COIL | Volts | Ω | Order Code | Price Each | | | | + |
|-----------------------------------------|-------------|---|------------|------------|--------|--------|--------|----|
| | | | | 1+ | 20+ | 100+ | 250+ | |
| DPCO - G6A-234P Series | | | | | | | | |
| 4.5V dc | 101 | | 994-8988 | 257.00 | 238.00 | 223.00 | 209.00 | -- |
| 12V dc | 720 | | 994-8996 | 340.00 | 306.00 | 289.00 | 256.00 | -- |
| 24V dc | 2880 | | 994-9003 | 340.00 | 306.00 | 289.00 | 256.00 | -- |
| 48V dc | 11520 | | 994-9011 | 340.00 | 306.00 | 289.00 | 256.00 | -- |
| 4PCO - G6A-434P Series | | | | | | | | |
| 5V dc | 69 | | 994-9135 | 702.00 | 633.00 | 598.00 | 528.00 | -- |
| 12V dc | 400 | | 994-9143 | 702.00 | 633.00 | 598.00 | 528.00 | -- |
| 24V dc | 1600 | | 994-9151 | 702.00 | 633.00 | 598.00 | 528.00 | -- |
| DPCO Latching - G6AK-234P Series | | | | | | | | |
| 5V dc | 139 + 139 | | 118-1048 | 469.00 | 426.00 | 407.00 | 382.00 | -- |
| 12V | 800 + 800 | | 118-1049 | 469.00 | 426.00 | 407.00 | 382.00 | -- |
| 24V | 3200 + 3200 | | 118-1050 | 469.00 | 426.00 | 407.00 | 382.00 | -- |
| 4PCO Latching - G6AK-434P Series | | | | | | | | |
| 5V dc | 78.1 + 78.1 | | 118-1052 | 831.00 | 754.00 | 721.00 | 676.00 | -- |
| 12V | 450 + 450 | | 118-1053 | 831.00 | 754.00 | 721.00 | 676.00 | -- |
| 24V | 1800 + 1800 | | 118-1054 | 831.00 | 754.00 | 721.00 | 676.00 | -- |

Miniature Signal - G6E Series



- SPCO contacts
- 98mW coil pick up power
- UL Recognised and CSA approved
- Fully sealed

Contact arrangement SPDT/SPDT
 Contact rating 2A @ 220V dc, 0.4A @ 250V ac
 Contact material Ag (Au-Alloy)
 Coil consumption: 200mW (400mW for 48V dc)
 Operate/Release: 5ms/5ms
 Temperature range -40°C to +70°C

207140

| COIL | Volts | Ω | Order Code | Price Each | | | | + |
|--------------------------------------------|-------------|---|------------|------------|--------|--------|--------|----|
| | | | | 1+ | 20+ | 100+ | 250+ | |
| SPCO Single Coil - G6E-134P Series | | | | | | | | |
| 5V | 125 | | 994-9160 | 255.00 | 238.00 | 223.00 | 189.00 | -- |
| 12V | 720 | | 994-9178 | 255.00 | 238.00 | 223.00 | 189.00 | -- |
| 24V | 2880 | | 994-9186 | 258.00 | 240.00 | 226.00 | 191.00 | -- |
| SPDT Double Coil - G6EK-134P Series | | | | | | | | |
| 5V | 125 + 125 | | 118-1045 | 396.00 | 377.00 | 359.00 | 333.00 | -- |
| 12V | 720 + 720 | | 118-1046 | 396.00 | 377.00 | 359.00 | 333.00 | -- |
| 24V | 2880 + 2880 | | 118-1047 | 396.00 | 377.00 | 359.00 | 333.00 | -- |

Miniature - TN/TNL/TNL2 Series



Non Latching/1 Coil Latching/2 Coil Latching



- Ultra slim telecoms relay with 5.6mm width for minimal PCB mounting requirements
- Small header area makes higher density packaging possible
- High coil sensitivity
- Fully sealed construction
- High surge voltage resistance - 1500V FCC Part 68
- UL Recognised and CSA approved

L=14, W=5.6, H=9.8,
 Pin spacing 2.54,
 PCB hole dia=1.0



Contact arrangement DPCO
 Contact rating 0.5A @ 125V ac, 1A @ 30V dc
 Contact material Silver, Gold plated
 Coil consumption 140mW (non latching), 100mW (1 coil latching), 200mW (2 coil latching)
 Coil operating range 75 - 150%
 Operate/Release 2ms/1ms
 Temperature range -40°C to +70°C

207129

| COIL | Volts | Ω | Order Code | Price Each | | | | + |
|--------------------------------------------|-------|---|------------|------------|--------|--------|--------|----|
| | | | | 1+ | 25+ | 50+ | 100+ | |
| DPCO - TN Series | | | | | | | | |
| 5V dc | 178 | | 120-0955 | 455.00 | 418.00 | 373.00 | 330.00 | -- |
| 12V dc | 1028 | | 120-0956 | 455.00 | 418.00 | 373.00 | 330.00 | -- |
| 24V dc | 2880 | | 910-405 | 444.00 | 400.00 | 357.00 | 281.00 | -- |
| 1 Coil Latching DPCO - TN-L Series | | | | | | | | |
| 5V dc | 250 | | 910-417 | 409.00 | 363.00 | 310.00 | 271.00 | -- |
| 2 Coil Latching DPCO - TN-L2 Series | | | | | | | | |
| 5V dc | 125 | | 910-442 | 469.00 | 423.00 | 376.00 | 298.00 | -- |
| 12V dc | 720 | | 910-454 | 469.00 | 423.00 | 376.00 | 298.00 | -- |
| 24V dc | 1920 | | 910-466 | 518.00 | 466.00 | 416.00 | 329.00 | -- |

Subminiature - TQ2/TQ2-L2 Series



Latching/Non-latching, High Sensitivity PCB and Surface Mounts



L=14.0, W=9.0, H=4.75.
 Pin spacing=2.54

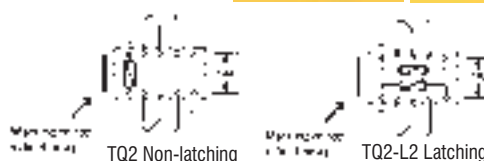
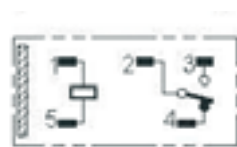


Diagram shows the 'reset' position when terminals 6 and 10 are energised.
 Energise terminals 1 and 5 to transfer contacts.

11

Relays & Solenoids

SPDT - 5A
 G5SB Series



(No coil polarity)



H = 15.8, W = 20.3, D = 10.3mm

Contact arrangement SPDT
 Mechanical life 5,000,000 operations
 Electrical life 10000operations: 5A (NO) / 3A (NC) @ 30V dc resistive load
 Coil power 400mW
 Contact resistance (initial) 100mR max.
 Rated carry current 5A (NO) / 3A (NC)
 Max. switched voltage 250V ac, 30V dc
 Max. switched current 5A (NO) / 3A (NC)
 Operating temperature -40 to 70°C

| Order Code | Mfrs. List No. | Order Code | Mfrs. List No. |
|------------|-----------------|------------|-----------------|
| 991-9031 | G5SB145DCBYOMI | 991-9023 | G5SB1424DCBYOMI |
| 991-9015 | G5SB1412DCBYOMI | | |

414192

| Coil | Volts | Ω | Order Code | Price Each | | | |
|------|-------|---|------------|------------|--------|-------|-------|
| | | | | 1+ | 10+ | 25+ | 50+ |
| 5V | 63 | | 991-9031 | 129.00 | 111.00 | 99.00 | 89.00 |
| 12V | 360 | | 991-9015 | 129.00 | 111.00 | 99.00 | 89.00 |
| 24V | 1440 | | 991-9023 | 129.00 | 111.00 | 99.00 | 89.00 |

SPST-NO - 10A @ 125V ac



PCH Series



- Compact size
- High surge voltage
- Sensitive coil
- CSA and VDE Approved, UL Recognised

H = 15.2, W = 19.8, D = 9.9mm

Contact arrangement SPST
 Contact current rating 10A @ 125V ac resistive
 Contact current rating 5A @ 125V ac resistive
 Contact current rating 10A @ 125V ac resistive
 Power - Coil 200mW
 Surge between coil and contacts 8000V
 Contact material AgSnO

| List No. | Order Code | List No. | Order Code |
|-------------|------------|-------------|------------|
| PCH-105L2MH | 965-9323 | PCH-124L2MH | 965-9340 |
| PCH-112L2MH | 965-9331 | | |

411692

| Coil | Voltage | Ω | Order Code | Price Each | | | |
|-------|---------|---|------------|------------|-------|-------|-------|
| | | | | 1+ | 25+ | 100+ | 250+ |
| 5V dc | 125 | | 965-9323 | 86.00 | 77.00 | 69.00 | 63.00 |
| 12V | 420 | | 965-9331 | 86.00 | 77.00 | 69.00 | 63.00 |
| 24V | 2800 | | 965-9340 | 86.00 | 77.00 | 69.00 | 63.00 |