**RELAYS**

**AUTOMOTIVE / POWER RELAYS**

**SPDT 40 AMP AUTO RELAY**
12 Vdc, 88 Ohm coil. Contacts rated 40A. Plastic enclosed relay, 1.1" x 1.2" x 1" high. Plastic flange for bulkhead mounting. Mounts in standard automotive relay socket.

CAT# RLY-351 $2.55 each • 10 for $22.50

**DUAL 12V 20A RELAY**
Panasonic (NAI) ACT512
Ultra-small automotive relay with two separate coils and sets of SPDT contacts. Rated 20 Amps. 17.4 x 14 x 13.5mm. 10 terminals. PC leads.

CAT# RLY-650 $2.50 • 10 for $1.25 each

**12VDC SPDT AUTOMOTIVE RELAY**
Hella# 007794301
(4RD 007 794 30)
Shrouded weatherproof relay with mounting tab. N.O., 40A/ N.C. 20A. Coil resistance, 85 Ohms. 680 Ohm suppression resistor. 1/4 QC terminals. 35.5 x 35.5 x 47.7mm high not including tab.

CAT# RLY-657 $3.00 each

**12VDC SPST N.O. 16A RELAY**
American Zettler AZ948-1AET-12DE
12Vdc, 720 Ohm coil. SPST, normally-open contacts rated 16A. 16A 125Vdc. 1/10HP 125/250 Vac. Miniature, epoxy sealed PBT polyester enclosure, 22 x 16 x 10.5mm high. PC leads. UL, CSA.

CAT# RLY-655 75¢ each • 25 for 55¢ each

**12VDC SPDT 20/10A PC MOUNT RELAY**
P&B T90R5012-12

CAT# RLY-658 $2.00 each 10 for $1.75 each

**24VDC, SPDT 10A RELAY, PC MOUNT**
Part# C5-1CP-DC24
Sealed 24Vdc SPDT 10A relay. 1600 Ohm coil. Sealed case. PC mount 22mm x 16.5mm x 16mm high. UL rated.

CAT# RLY-661 $0.65 each • 10 for 45¢ each

**14 PIN (ICE CUBE) relays.**
All have clear or opaque plastic dust covers. Relay Size: 1.1” X 0.82” X 1.34” h.

**12 VDC, 4PDT**
MY4N. 12Vdc 90Ω coil. 4PDT contacts rated 3A. Green indicator LED lights when coil is energized. Solder or socket mount. Non-UL.

CAT# RLY-2212 $2.85 each

**24VDC DPDT 25A RELAY**
Tyco Electronics
PRD-11DYU-24
Potter & Brumfield. 24 Vdc, 1,440Ω coil. SPDT contacts rated 10A. 22.5 x 16.5 x 19.0mm sealed case. PC leads. UL, CSA.

CAT# RLY-579 $7.95 each

**120 VAC 10A**
NTE# R14-11A10-120. Solder/socket mount
CAT# 2PRLY-120 $11.00 each

**120 VAC 10A**
NTE# R14-11A10-120P. PC mount.
CAT# 2PRLY-120P $10.65 each
RELAY MODULES

Similar in function to solid-state relays, allowing use of data signals to switch mechanical relays. Rated for 10A loads. Onboard LED indicators light when a relay is switched. Screw terminals for relay outputs. 0.1” header for voltage and signal input. Ideal for Arduino and microcontroller applications.

<table>
<thead>
<tr>
<th>Type</th>
<th>CAT#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Channel</td>
<td>RLY-1</td>
<td>$4.50 each</td>
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<tr>
<td>2-Channel</td>
<td>RLY-2</td>
<td>$6.00 each</td>
</tr>
<tr>
<td>4-Channel</td>
<td>RLY-4</td>
<td>$11.50 each</td>
</tr>
</tbody>
</table>

Can be triggered by high or low signal by changing jumper position.

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>1-Channel</td>
<td>RLY-21</td>
<td>$4.75 each</td>
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</tbody>
</table>

DIP RELAYS

Miniature mechanical relays with pin configurations to fit standard DIP socket configurations (0.1” x 0.3” grid). Some are sealed for PC bath with vents that should be clipped after installation.

3 VDC DPDT DIP RELAY
Kest# KS2E-M-DC3. 3 vdc 45Ω coil. DPDT contacts rated 2 amps. Small sealed case, 0.8” x 0.38” x 0.4”. UL, CSA.
CAT# RLY-623 $1.75 each 10 for $1.50 each

5VDC DPDT DIP RELAY
NAIS DS2Y-S-DC5V. 5Vdc, 12Ω, 200mW coil. DPDT contacts, 2A switching, 3A carry current. Sealed DIP package, 20 x 10 x 11mm. PC leads, UL, CSA.
CAT# RLY-664 $1.25 each

5 VDC DPDT DIP RELAY
HUI KI # HK 19F-DC 5V-SHG. 5Vdc 125Ω coil. D.P.D.T. contacts rated 1A 125Vac / 2A 30Vdc. 20 x 9.5 x 11.5mm high sealed case. cULus.
CAT# RLY-625 $1.75 ea. 10 for $1.50 ea.

5 VDC DIP REED RELAY
Meder# DIP05-1A57. 5Vdc, 350 Ohm coil. S.P.S.T., normally-open contacts.
CAT# RLY-495 $0.65 each 10 for $0.55 each 100 for $0.45 each

12 VDC DPDT DIP RELAY
Midtex # MMS-105. 12vdc 740Ω coil. DPDT contacts rated 2 amps. Small sealed case, 0.80” x 0.38” x 0.40” high. cULus.
CAT# RLY-622 $1.75 each 10 for $1.50 each

MISCELLANEOUS PC MOUNT RELAYS

3VDC SPST NO 10A LATCHING RELAY
Omron G6CU-1114P-FD-US. Single coil. 3Vdc. 45 Ohm coil resistance. 67 mA coil current. 200 mW power consumption. SPST Normally-open 10A contacts. 20 x 15 x 10mm sealed plastic package. PC leads. UL, CSA.
CAT# RLY-666 $3.75 each

4.5VDC DPDT SURFACE-MOUNT RELAY
NAIS #TQ2SA-4.5V. Low-profile. DPDT contacts rated 2A @ 30Vdc. 145 Ohm coil, polarized. 140mW operating power. 14 x 9 x 6mm. Surface-mount contacts on 9.5mm centers. UL, CSA.
CAT# RLY-561 $1.25 each

4.5 VDC DPDT LATCHING RELAY, SURFACE-MOUNT
NAIS #TX2SA-LT-4.5V. Miniature 2-coil latching relay. 4.5Vdc, 101.2 Ohm coils. D.P.D.T. contacts rated 2A @ 30Vdc. Sealed case, 15 x 7.4 x 8.2mm. Surface mount. UL, CSA.
CAT# RLY-715 $1.10 each

ULTRA-SMALL 5 VDC DPDT RELAY
Omron G6K-2P-5VDC. 5.2 x 6.5 x 10mm ultra-small pc mount relay. 5Vdc, 237 Ohm coil. DPDT contacts rated 1A/30Vac. UL, CSA.
CAT# RLY-620 $2.25 each

5 VDC SPDT SIP REED RELAY
Elec-Trol # BBS1C05A10. 5 Vdc, 205Ω coil. S.P.D.T. switching action. 0.99” x 0.30” x 0.35”. Single-in-line pc pins. 5 pin on 0.2” centers. UL, CSA.
CAT# RLY-496 $1.00 ea. 10 for $0.85 ea.

5 VDC S.P.S.T. REED RELAY
Hasco 711-5S. 5 Vdc S.P.S.T. N.O. reed relay. 500 Ohm coil. Contact ratings: 1.0A max. (carry), 0.3A max. (switching). Metal cover, 0.98” x 0.29” x 0.37” high. S.I.P. pc leads. UL, CSA.
CAT# RLY-572 $0.65 each 10 for $0.55 each 100 for $0.45 each

5VDC SPDT 2A MINI-RELAY
Midtex# MMS-105. 5vdc, 75 Ohm coil. SPDT 2Amp contacts. 10 x 10 x 11mm. PC leads. UL, CSA.
CAT# RLY-567 $0.50 each 10 for $0.45 each

ORDER TOLL FREE 1-800-826-5432 29
MINIATURE 12 VDC RELAY
Potter & Brumfield # T81HSD312-12
12Vdc, 700 Ohm coil. S.P.D.T.
Contacts rated 1A 120VAC/24VDC.
Miniature sealed case. 0.61" x 0.41" x 0.46"
high. PC pins. UL, CSA.
CAT# RLY-516 90¢ each
25 for 80¢ each • 100 for 65¢ each

12 VDC 3A SPDT RELAY
N4100F-2C3SN12A.
12 Vdc. 3A / 125 Vac. 400 ohm coil.
15.5 x 11 x 11.5mm. Sealed case.
PC leads. cULus.
CAT# RLY-580 60¢ each • 10 for 55¢ each

MICROMINIATURE
12 VDC SPDT RELAY
Fujitsu #FBR21D12
Subminiature PC mount relay. 7.5 x 10 x
10mm high. 12Vdc 534 Ohm coil. SPDT
contacts rated 1A @ 24Vdc, 0.5A @120VAC.
Maximum carry current, 2A. Not suitable for automatic insertion.
CAT# RLY-616 2 for $1.00 • 100 for $35.00

12 VDC SPDT RELAY
Hasco# SSD 103PU DC12V
Miniature sealed relay.
12Vdc, 320 Ohm coil. S.P.D.T.,
3A contacts. 0.90" x 0.70" x
0.55" high. PC leads. UL.
CAT# RLY-498 75¢ ea. 2 for $1.00

12 VDC SPST N.O. PC RELAY
MSD Inc Magnecraft# 276A81-12D
12 Vdc S.P.S.T., normally-open, pc
mount relay. 720 Ohm coil. Contacts rated
10A @ 120/250Vac 30Vdc. 20 x 13 x 10mm
(0.78" x 0.50" x 0.38"). PC leads. UL, CSA.
CAT# RLY-557 65¢ each • 100 for 40¢ each

24 VDC DPDT RELAY
Omrorn G2R-24
24 Vdc, 1.1K Ohm coil resistance.
DPDT contacts rated 5A 250Vac/ 30Vdc.
29 x 13 x 25mm sealed
plastic package. PC leads. UL, CSA.
CAT# RLY-665 $3.50 75¢ each
10 for 60¢ each

24 VDC SPST N.O. MINI-RELAY
Zettler # AZ595-24.
24VDC, S.P.S.T., normally-open
contacts. Sensitive sub-miniature relay.
2880 Ohm coil. Contacts
rated 5 Amps @ 30Vac or 250Vac.
17.0 x 6.5 x 12.5mm high. PC pins. UL.
CAT# RLY-535 2 for $1.00 • 100 for 35¢ ea.

SOLID STATE RELAYS
TWO-PHASE (DUAL) 40 AMP SOLID STATE RELAY
Gordos # 84130241
Two-phase (dual) 40 Amp solid state relay. Dual inputs:
4-15Vdc. Dual outputs: 40 amp / 530 Vac max. Back to back SCRs.
Zero voltage switching. "Hockey-puck" 2.3" x
1.8" x 1 package. Screw terminal output. Input
header 4 pins - 0.1" spacing. UL, CSA, VDE.
CAT# SRLY-16 $12.25 each

CROUZET SOLID STATE RELAY
Crouzet # 9700820, GZ series
Input: 4-15 Vdc.
Output: 480 Vac (20-25A).
Ratings not marked on relay, probably 20-25A based on
P2200GZ25 on side of relay. 1.81" x 1.50" x 0.55" high. Turret pins for
input and output. Mounting holes on
2.25" centers. UL rated.
CAT# SRLY-17 $2.75 each

RELAY SOCKETS
KH RELAY SOCKETS
Fits all KH & KHU style, 14 pin relays
except PC mount style.
SOLDER-LOOP TERMINALS
Note: Terminals and contacts
may be discolored.
CAT# PRLY-S 2 for $1.00
100 for 40¢ each
SCREW TERMINALS
Omrorn PYF14A-E.
Can be surface mounted or
snap-mounted to alumin-
um DIN rail. UL, CSA, CE,
TUV. Removed from new
equipment in excellent condition.
CAT# RST-422U $3.85 each
PC PINS
CAT# PRLY-SC 75¢ each
8 PIN OCTAL SOCKETS
PC mount socket for round base
8 pin relays and vacuum tubes.
CAT# OCT-PC $1.25 each
10 for $1.10 ea. • 100 for 95¢ ea.
Screw terminals for easy
connections and changes.
Can be surface mounted or
used with aluminum
DIN rail. UL listed.
CAT# OTO8-PC $2.90 each
10 for $2.75 each

30 MOST ORDERS SHIPPED WITHIN 24-48 HOURS