**IN-LINE**
Red wire.
Fuses not included.
CAT# FHP-2 $1.00 each • 20 for 85¢ each

**FUSE CLIP FOR 1/4" DIA. FUSE**
Buss fuse clip BK / 1A1119-04. Requires 2 clips per fuse. PC mount with pins on 0.3" mounting centers. Fits 3AG / AGC fuse.
CAT# FC-PC 10 for $1.00
100 for 8¢ each

**AUTOMOTIVE BLADE FUSEHOLDERS**

**ATC BLADE FUSEHOLDERS**
Red 14 AWG wire.
CAT# FHP-25 $1.50 ea.
Red 10 AWG wire.
CAT# FHP-31 $2.00 each

**ATO/ATC FUSE BLOCKS**
Clear cover with gasket protects fuses from dust and water. Bulkhead mount. 1/4" QC/ solder terminals.

**4-CIRCUIT**
1.43" high with cover.
1.75" wide with terminals.
3.15" overall length, including mounting tabs.
CAT# FHBL-43 $9.95 each

**6-CIRCUIT**
1.43" high with cover. 1.75" wide with terminals.
3.92" overall length, including mounting tabs.
CAT# FHBL-60 $11.10 each

**8-CIRCUIT**
1.43" high with cover. 1.75" wide with terminals.
4.71" overall length, including mounting tabs.
CAT# FHBL-80 $11.55 each

**GMA FUSE HOLDERS**
(for fuses 3/16" x 3/4")
In-line fuseholder for 5 x 20mm GMA-style cartridge fuses. AWG 22 stranded leads, stripped and tinned ends. Overall length, 9".
CAT# FHP-72 2 for 90¢ • 100 for 40¢ each

In-Line. Red 22 ga wire.
32" overall length. Includes F1L250V fuse.
CAT# FHP-49 85¢ each • 100 for 65¢ each

**RESETTABLE CIRCUIT BREAKERS**

**POLYSWITCH® 0.65-1.3A**
Raychem "Polyswitch" # RXE-065S-1. Current: 0.65 Amps.
Trip Current: 1.3 Amps. Max Voltage: 60 Volts. 0.33" diameter. UL, CSA.
CAT# RXE-065 3 for 99¢ • 100 for $ 20.00
500 for $85.00 • 1000 for $150.00

**10 AMP CIRCUIT BREAKER**
Hwawon HW-15MB
10A, 125Vac resettable, panel-mount thermal type circuit breaker. 11mm (13/32) threaded bushing. 1/4" qc/solder terminals. UL, CSA.
Removed from new equipment.
CAT# CBR-10 $1.25 each

**THERMAL SWITCHES**

**NORMAL-CLOSED**
Prevent overheating by opening circuit at rated temperature. Open upon rise to rated temperature. Auto-reset when temperature drops.

**Opens at 115°F**
Elmwood Sensors 2450 L115 97/51
Normally-closed bi-metallic disc. Rated 10 (6)A/250Vac.
0.63" diameter x 0.53". Solder-loop tabs.
CAT# THSW-115 2 for $1.00
100 for 45¢ each

**75°C (167°F) Closes 50°C (122°F)**
Klixon 9700K25-48
Rated 13A/250 Vac.
3" lead length.
CAT# THSW-167 75¢ each

**95°C (203°F)**
Selco# 802L-095.
PC 2 pin terminals.
TO-220 package.
CAT# THSW-095 85¢ each
100 for 70¢ each

**Opens at 110°C (230°F)**
Uchiya UP62G.
Normally-closed thermal protector.
Rated 2.5A/250VAC (resistive). 0.62" x 0.250" x 0.12". .4" insulated stranded pigtail leads. VDE.
CAT# THSW-110C 50¢ each

**MANUFACTURERS**
We Purchase Excess Inventories.
CALL, WRITE, E-MAIL or FAX your list.
## RELAY MODULES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLM-1</td>
<td>1-Channel relay module</td>
<td>$3.50</td>
</tr>
<tr>
<td>RLM-2</td>
<td>2-Channel relay module</td>
<td>$4.75</td>
</tr>
<tr>
<td>RLM-4</td>
<td>4-Channel relay module</td>
<td>$8.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLM-21</td>
<td>1-Channel relay module with LED indicator</td>
<td>$4.00</td>
</tr>
</tbody>
</table>

## RELAYS

**AUTOMOTIVE / POWER RELAYS**

### 12VDC 25A DPST N.O. POWER RELAY

- **Omron # G7L-2A-TUB-苗**
- **General purpose** 12 Vdc 25A DPST-NO (2 Form A) relay.
- **High-capacity high-dielectric-strength - compatible with momentary voltage drops.**
- **Non-latching.**
- **Coil current**: 158mA. **Coil resistance**: 75Ω.
- **Mounting holes w/ 2.35" centers. 0.25" solder/QC terminals. UL, CSA.**
- **CAT# RLY-1241**
- **$5.95 each**
- **10 for $5.50 each**

### 12VDC SPST N.O. 16A RELAY

- **American Zettler AZ948-1AT-12DE**
- **12Vdc, 720 Ohm coil. SPST, normally-open contacts rated 16A 125Vac. Miniature, epoxy sealed PBT polyester enclosure.**
- **22 x 16 x 10.5mm high. PC leads. UL.**
- **CAT# RLY-655**
- **75¢ each • 25 for 55¢ each**

### 12VDC SPST 20/10A PC MOUNT RELAY

- **P&B T90R5D12-12**
- **General purpose 12 Vdc 20 Amp SPDT relay. Up to 20A switching.**
- **CAT# RLY-658**
- **$2.00 ea. • 10 for $1.75 ea.**

### 12 VDC SPDT 40A RELAY, PC MOUNT

- **Song Chuan 822U-1C-S 12VDC. 12 vdc 90Ω coil. Contact ratings: N.O. 40 amp 14vdc, N.C. 20A/14 Vdc. Sealed type washable. 26.6mm x 21.4mm x 21.8mm high. PC pins.**
- **CAT# RLY-573**
- **85¢ each • 10 for 75¢ each**

### 24 VDC SPDT 10 AMP RELAY

- **Omron # GSLE-14-DC24**
- **High-capacity subminiature "sugar cube" relay with universal footprint. 24Vdc, 1,440Ω coil. SPDT contacts rated 10A. 22.5 x 16.5 x 19.0mm sealed case. PC leads. UL, CSA.**
- **CAT# RLY-579**
- **50¢ each • 100 for 40¢ each**

### 24VDC DPDT 25A RELAY

- **Tyco Electronics PRD-11DYO-24**
- **Potters & Brumfield. 24 Vdc, 288 Ohm coil. Contacts rated 25A, 240 Vac. 3.375" x 2.51" x 2.50" high. Screw terminals. CSA, UL. 1HP, 120 Vac: 2HP, 250 Vac, 1 PH. 25A, 240 Vac. 20A, 277 Vac.**
- **CAT# RLY-2425**
- **$7.95 each**

### 14-PIN 4PDT RELAY

- **12VDC 4PDT 3A "ICE CUBE" RELAY**
  - **MY4N. 12VDC, 130Ω coil. 4PDT contacts rated 3A. Clear polycarbonate case, 26.5 x 20.5 x 34.5mm high. Solder or socket mount. For sockets see page 30.**
- **CAT# RLY-4212**
- **$3.00 each**

### 8-PIN DPDT RELAYS

- **Rated 10A or more. Clear polycarbonate dust cover. 1.1" x 0.83" x 1.37" high. 0.187" solder/ qC terminals or socket mount. For sockets, see page 31**
- **12 VDC 10A**
  - **LY2N. 135 Ohm coil.**
  - **CAT# RLY-2212**
  - **$2.85 each**
- **24 VDC 10A**
  - **650 Ohm coil Sky #SKNP-2C**
  - **CAT# RLY-556**
  - **$2.75 each**
  - **100 for $2.50 each**
- **120 VAC 10A**
  - **NTE# R14-11A10-120P. PC mount.**
  - **CAT# RLY-120P**
  - **$11.00 Reduced Price**
  - **$8.75 each**
  - **10 for $8.50 each**
- **120 VAC 10A**
  - **Solder/socket mount**
  - **CAT# 2PRLY-120**
  - **$10.65 each**
  - **100 for 40¢ 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.**
- **1-Channel**
  - **CAT# RLM-1**
  - **$3.50 each**
- **2-Channel**
  - **CAT# RLM-2**
  - **$4.75 each**
- **4-Channel**
  - **CAT# RLM-4**
  - **$8.00 each**

**Can be triggered by high or low signal by changing jumper position.**
- **1-Channel**
  - **CAT# RLM-21**
  - **$4.00 each**
FERRITES

TOROIDS

19.5MM O.D. x 13MM I.D. x 7MM
Magnetic Metals 64 D 4602 B42
CAT# TOR-64  5 for $1.00

12.5MM OD x 5MM ID X 25.5MM
Fair-Rite® 2643480009.
43 ferrite shield bead for
EMI suppression. Epoxy coated.
CAT# FB-109  2 for $1.00

9.5MM O.D. X 6MM I.D. X 14.5MM
Fair Rite # 2643054201.
43 shield bead for 20-300Mhz. RoHs.
CAT# FB-94  2 for $1.00
100 for 45¢ each • 300 for 35¢ each

22MM O.D. X
14MM I.D. X 6.6MM
CAT# TOR-61  45¢ each

25MM O.D. X
12.5MM I.D. X 12.5MM
CAT# TOR-77  2 for $1.00

29MM O.D. X
19MM I.D. X 7.5MM
CAT# TOR-75  40¢ each

INDUCTORS

0.676 µH ADJUSTABLE CHOKE
0.375" x 0.375" x 0.75" high coil with
adjustable ferrite. PC leads on
0.38" (10mm) centers.
CAT# RC-676  3 for 99¢ • 100 for $25.00

10 µH INDUCTOR
Gowanda #GA30-102K
10µH 3.2A axial choke. 0.4" dia. x 0.8" long.
CAT# CC-102K  $1.15 each
10 for $1.05 each • 100 for 90¢ each

100 µH AXIAL CHOKE
RF International
# LGA-X1123-101K. 0.43" dia. x 0.79" long.
CAT# ACB-101  $1.00 ea. • 100 for 70¢ ea.

100 µH  4.3A PC MOUNT INDUCTOR
CTX100-2-52M on battery
charger board with other useful parts. Requires desoldering.
CAT# EX-57  $2.00 each
10 for $1.75 each

345 µH TOROIDAL INDUCTOR
0.6" diameter x 0.415" high.
Two pc leads on 0.38" centers.
345 µH. Max. DCR: 0.2.
Large quantity available.
CAT# CR-345  3 for 99¢ • 240 for 20¢ each
480 for 15¢ each • 1680 for 10¢ each

FERRITE SPLIT BEAD
WITH SNAP SLEEVE

Used to suppress RFI, EMI and
unwanted spurious signals. Self-
locking plastic snap sleeve.
7mm (0.27") I.D. snap-bead.
32.5 x 19.0 x 19.5mm case.
CAT# FB-103  2 for $1.00 • 100 for 40¢ ea.

CIGARETTE LIGHTER CORDS

CIGARETTE LIGHTER “Y”
1 plug to 2 sockets. 6" cord.
CAT# CLP-Y  $3.25 each
10 for $ 3.00 each

CIGARETTE LIGHTER POWER CORDS
4.5' good-quality,
UL rated, shielded
cable. Replaceable fuse.
Terminated with right-angle 1.3mm coax power
plug (1.3mm id x 2.3mm od x 10mm), center
positive. Output rated 12Vdc, 3 Amps.
CAT# CLP-302  $3.00 ea. • 10 for $ 2.70 ea.
12‘ 2-conductor
AWG 20 zip cord.
CAT# CLP-99  $3.00 each

CIGARETTE LIGHTER SOCKETS
In-line, cable-mount 12V
cigarette lighter/ power socket.
Strain relief is 0.275" and
accepts up to 16 gauge zip cord.
CAT# CLS-7  $1.95 each
Heavy-duty all metal jack
mounts in 7/8" diameter hole
in panel up to 0.20" thick.
1/4" solder/qc terminals. Extends 2 1/2" below
mounting hole. 10 Amp maximum.
CAT # CLS-8  $4.35 each

EXTENSION CORDS

10' IEC POWER SPLITTER CABLE
Connect two pieces of equipment
with one cord. 8’ cable splits to
pair of 2’ cables with standard
IEC female ends. Frees up
space on UPS systems,
surge suppressors and
power strips. 16 AWG
3-conductor SJT 105°C cable. UL, CSA.
CAT # LCAC-433  $5.50 each
25 for $5.00 each

6' APPLIANCE/AIR CONDITIONER
CORD, 14/3
6' long, grey, air-conditioner
cord. 14/3 SPT-3. 15A-125V-1875W. cETLus.
Conforms to UL STD.817.
Certified to CSA STD.C22.2
CAT # EXT-63  $6.95 each