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AZ2100 Series

- ▶ PC and Quick Connect Terminals
- ▶ 30 Amp Switching
- ▶ UL 508 and 873 Spacing
- ▶ Class B Standard, Class F Available
- ▶ Epoxy Sealed

30 amp PCB relay with silver alloy contacts and P.B.T. polyester cover.

| Stock No. | Mfr.'s Type | Voltage | Cert. Arr. | EACH | | |
|-----------|----------------|---------|------------|------|-------|---------|
| | | | | 1-49 | 50-99 | 100-249 |
| 686-0138 | AZ2100-1A-12DE | 12 DC | SPST | 3.12 | 2.60 | 2.40 |
| 686-0139 | AZ2100-1C-12DE | 12 DC | SPDT | 3.75 | 3.13 | 2.89 |
| 686-0140 | AZ2100-1A-24DE | 24 DC | SPST | 3.33 | 2.77 | 2.56 |
| 686-0141 | AZ2100-1C-24DE | 24 DC | SPDT | 3.88 | 3.23 | 2.98 |

AZ8 Miniature PC Board Relay

- ▶ Subminiature Size
- ▶ High Sensitivity, 110 mW Pick Up
- ▶ Epoxy Sealed for Automatic Wave Soldering
- ▶ Life Expectancy to 20 Million Operations
- ▶ Extremely Low Cost
- ▶ Class B Insulation (130°C) Standard
- ▶ Class F Insulation (155°C) Version Available
- ▶ UL, CUR File E44211
- ▶ VDE Approved Versions Available

Miniature PC Board Relay available in unsealed or epoxy sealed (E) version. Contacts: SPDT (1 Form C) in 3 amp (silver) or 6 Amp (silver nickel). Termination: Tinned copper alloy, PC terminals. Enclosure: P.E.T. polyester. Available in sensitive coil (DSE).

| Stock No. | Mfr.'s Type | Voltage | Amps | EACH | | |
|-----------|---------------|---------|------|------|-------|---------|
| | | | | 1-49 | 50-99 | 100-249 |
| 686-0007 | AZ8-1C-5DE | 5 VDC | 3 | 2.02 | 1.68 | 1.55 |
| 686-0008 | AZ8-1C-12DE | 12 VDC | 3 | 2.02 | 1.68 | 1.55 |
| 686-0009 | AZ8-1C-24DE | 24 VDC | 3 | 2.08 | 1.73 | 1.60 |
| 686-0010 | AZ8-1C-5DSE | 5 VDC | 3 | 2.14 | 1.78 | 1.65 |
| 686-0011 | AZ8-1C-12DSE | 12 VDC | 3 | 2.14 | 1.78 | 1.65 |
| 686-0012 | AZ8-1CH-5DE | 5 VDC | 3 | 2.14 | 1.78 | 1.65 |
| 686-0013 | AZ8-1CH-12DE | 12 VDC | 3 | 2.14 | 1.78 | 1.65 |
| 686-0014 | AZ8-1CH-24DE | 24 VDC | 3 | 2.22 | 1.85 | 1.71 |
| 686-0015 | AZ8-1CH-5DSE | 5 VDC | 3 | 2.28 | 1.90 | 1.76 |
| 686-0016 | AZ8-1CH-12DSE | 12 VDC | 3 | 2.28 | 1.90 | 1.76 |
| 686-0017 | AZ8-1CH-24DSE | 24 VDC | 3 | 2.35 | 1.96 | 1.80 |

AZ743, AZ761 and AZ762 Series

— NEW —

- ▶ Dielectric Strength 5000 Vrms Coil to Contact
- ▶ Low Cost
- ▶ Isolation Spacing Greater than 10 mm
- ▶ Single Pole and Double Pole (Forms A, B, C Available)
- ▶ 10 Amp, 12 Amp and 16 Amp Switching
- ▶ Class B (130°C) Standard, Class F (155°C) Versions Available
- ▶ Epoxy Sealed Versions Available
- ▶ UL, CUR File E43207, VDE 124746 ÜG

Miniature Relay with SPST (1 Form A), SPDT (1 Form C), DPST (2 Form A and B), and DPDT (2 Form C) contacts. Contact Material: Silver cadmium oxide. Enclosure: P.B.T. polyester. Terminals: PC, tinned copper alloy.

| Stock No. | Mfr.'s Type | Voltage | EACH | | |
|-----------|--------------|---------|------|-------|---------|
| | | | 1-49 | 50-99 | 100-249 |
| 686-0150 | AZ743-2C-12D | 12 DC | 1.84 | 1.66 | 1.53 |
| 686-0151 | AZ743-2C-24D | 24 DC | 1.92 | 1.73 | 1.59 |
| 686-0152 | AZ761-1C-12D | 12 DC | 1.76 | 1.59 | 1.46 |
| 686-0153 | AZ761-1C-24D | 24 DC | 1.83 | 1.64 | 1.51 |
| 686-0154 | AZ762-1C-12D | 12 DC | 1.83 | 1.64 | 1.51 |
| 686-0155 | AZ762-1C-24D | 24 DC | 1.89 | 1.70 | 1.56 |

AZ2110/AZ2150 Series

- ▶ PC Terminals
- ▶ 30 Amp Switching
- ▶ UL 508 and 873 Spacing
- ▶ Forms A, B, and C Available
- ▶ Class B Standard
- ▶ Class F Available
- ▶ Open, Covered Sealed Available

30 amp PCB relay with silver alloy contacts and P.B.T. polyester cover.

| Stock No. | Mfr.'s Type | Voltage | Cert. Arr. | EACH | | |
|-----------|----------------|---------|------------|------|-------|---------|
| | | | | 1-49 | 50-99 | 100-249 |
| 686-0130 | AZ2110-1A-12D | 12 DC | SPST | 2.28 | 1.90 | 1.76 |
| 686-0131 | AZ2110-1C-12D | 12 DC | SPDT | 2.55 | 2.13 | 1.96 |
| 686-0132 | AZ2110-1A-24D | 24 DC | SPST | 2.35 | 1.96 | 1.80 |
| 686-0133 | AZ2110-1C-24D | 24 DC | SPDT | 2.63 | 2.19 | 2.02 |
| 686-0134 | AZ2150-1A-12DE | 12 DC | SPST | 2.63 | 2.19 | 2.02 |
| 686-0135 | AZ2150-1C-12DE | 12 DC | SPDT | 2.92 | 2.65 | 2.24 |
| 686-0136 | AZ2150-1A-24DE | 24 DC | SPST | 2.71 | 2.26 | 2.09 |
| 686-0137 | AZ2150-1C-24DE | 24 DC | SPDT | 2.98 | 2.48 | 2.29 |

AZ822 Series

— NEW —

- ▶ Low Profile for Compact Board Spacing
- ▶ DC Coils to 48 VDC
- ▶ Life Expectancy to 10 Million Spacing
- ▶ Standard PC 0.1" Grid Terminal Spacing
- ▶ Fits Standard 16 Pin IC Socket
- ▶ Epoxy Sealed for Automatic Wave Soldering and Cleaning
- ▶ Meets FCC Part 68.302 1500 V Lightning Surge
- ▶ Meets FCC Part 68.304 1000 V Dielectric
- ▶ UL File E43203; CSA File LR 702137

Subminiature DIP Relay with DPDT (2 Form C) bifurcated crossbar contacts. Contact Material: Silver palladium, gold clad. Enclosure: P.B.T. polyester. Terminals: PC, tinned copper alloy.

| Stock No. | Mfr.'s Type | Voltage | EACH | | |
|-----------|----------------|---------|------|-------|---------|
| | | | 1-49 | 50-99 | 100-249 |
| 686-0160 | AZ822-2C-5DSE | 5 DC | 2.13 | 1.94 | 1.79 |
| 686-0161 | AZ822-2C-12DSE | 12 DC | 2.15 | 1.95 | 1.80 |
| 686-0162 | AZ822-2C-24DSE | 24 DC | 2.18 | 1.98 | 1.82 |

AZ847 Series

- ▶ Micro Miniature Size: Height — 0.217" (5.5 mm); Length — 0.551" (14.0 mm); Width — 0.354" (9.0 mm)
- ▶ High Sensitivity, 79 mW Pick Up
- ▶ Meets FCC Part 68.302 1500 V Lightning Surge
- ▶ DIP Terminal Layout, Fits 10 Pin IC Socket
- ▶ Epoxy Sealed for Automatic Wave Soldering and Cleaning
- ▶ UL File E43203; CSA 73363

Micro Miniature Polarized Relay, single side stable. Contacts: DPDT (2 Form C) bifurcated crossbar contacts in silver palladium/gold clad. LCP enclosure. Tinned copper alloy PC terminal.

| Stock No. | Mfr.'s Type | Voltage | EACH | | |
|-----------|-------------|---------|------|-------|---------|
| | | | 1-49 | 50-99 | 100-249 |
| 686-0119 | AZ847-5 | 5 DC | 3.92 | 3.26 | 3.01 |
| 686-0120 | AZ847-12 | 12 DC | 2.97 | 2.47 | 2.28 |
| 686-0121 | AZ847-24 | 24 DC | 3.06 | 2.55 | 2.35 |

AZ5 Subminiature PC Board Relay

- ▶ Subminiature Size for High Density Packaging
- ▶ Coil Sensitivity to 100 mW
- ▶ Extremely Low Cost
- ▶ Coil to 24 VDC
- ▶ Epoxy Sealed for Automatic Wave Soldering
- ▶ 1 Amp Contacts
- ▶ Life Expectancy to 10 Million Operations
- ▶ Meets FCC Part 68.302 1500 V Lightning Surge
- ▶ Meets FCC Part 68.304 1000 V Dielectric
- ▶ UL File E43203; CSA File 74120

Light Duty PC Board Relay in P.B.T. polyester enclosure. Contacts: SPDT (1 Form C) welded crossbar construction; silver alloy gold clad. Terminals: Tinned copper alloy. Weight: 3.5 grams.

| Stock No. | Mfr.'s Type | Voltage | EACH | | |
|-----------|--------------|---------|------|-------|---------|
| | | | 1-49 | 50-99 | 100-249 |
| 686-0001 | AZ5X-1C-5DE | 5 VDC | 2.35 | 1.96 | 1.80 |
| 686-0002 | AZ5X-1C-12DE | 12 VDC | 2.35 | 1.96 | 1.80 |
| 686-0003 | AZ5X-1C-24DE | 24 VDC | 2.43 | 2.02 | 1.87 |
| 686-0004 | AZ5Y-1C-5DE | 5 VDC | 2.35 | 1.96 | 1.80 |
| 686-0005 | AZ5Y-1C-12DE | 12 VDC | 2.35 | 1.96 | 1.80 |
| 686-0006 | AZ5Y-1C-24DE | 24 VDC | 2.43 | 2.02 | 1.87 |

AZ830 Series

- ▶ Low Profile for Compact Board Spacing
- ▶ DC Coils to 48 VDC
- ▶ High Sensitivity, 100 mW Pick Up
- ▶ High Switching Capacity, 60 W, 125 VA
- ▶ Life Expectancy to 10 Million Operations
- ▶ Fits Standard 16 Pin IC Socket
- ▶ Epoxy Sealed for Automatic Wave Soldering and Cleaning
- ▶ Meets FCC Part 68.302 1500 V Lightning Surge
- ▶ Meets FCC Part 68.304 1000 V Dielectric
- ▶ UL File E43203; CSA File LR 36664

Polarized Dip Relay, single side stable. Contacts: DPDT (2 Form C) bifurcated crossbar contacts in silver alloy, gold clad, 2 amps. P.B.T. enclosure. Tinned copper alloy, PC terminals. Available in standard coil and sensitive coil (DSE) relays.

| Stock No. | Mfr.'s Type | Voltage | EACH | | |
|-----------|----------------|---------|------|-------|---------|
| | | | 1-49 | 50-99 | 100-249 |
| 686-0106 | AZ830-2C-5DE | 5 DC | 3.26 | 2.72 | 2.51 |
| 686-0107 | AZ830-2C-12DE | 12 DC | 2.85 | 2.38 | 2.20 |
| 686-0108 | AZ830-2C-24DE | 24 DC | 3.39 | 2.82 | 2.60 |
| 686-0109 | AZ830-2C-5DSE | 5 DC | 2.96 | 2.47 | 2.28 |
| 686-0110 | AZ830-2C-6DSE | 6 DC | 3.50 | 2.84 | 2.59 |
| 686-0111 | AZ830-2C-12DSE | 12 DC | 2.96 | 2.47 | 2.28 |
| 686-0112 | AZ830-2C-24DSE | 24 DC | 3.55 | 2.96 | 2.73 |
| 686-0113 | AZ830-2C-48DSE | 48 DC | 4.35 | 3.62 | 3.34 |

AZ941 Series

- ▶ Contacts Rated at 5 or 10 Amps
- ▶ Life Expectancy to 10 Million Operations
- ▶ Extremely Low Cost
- ▶ Epoxy Sealed for Automatic Wave Soldering
- ▶ UL, CUR File E43203

Miniature PC Board Relay in SPDT (1 Form C) contact arrangement. Silver alloy contact material. Tinned copper alloy PC terminals. P.B.T. polyester enclosure.

| Stock No. | Mfr.'s Type | Voltage | Amps | EACH | | |
|-----------|----------------|---------|------|------|-------|---------|
| | | | | 1-49 | 50-99 | 100-249 |
| 686-0122 | AZ941-1CH-5DE | 5 DC | 5 | 1.63 | 1.36 | 1.26 |
| 686-0123 | AZ941-1CH-12DE | 12 DC | 5 | 1.63 | 1.36 | 1.26 |
| 686-0124 | AZ941-1CH-24DE | 24 DC | 5 | 1.69 | 1.41 | 1.30 |
| 686-0125 | AZ941-1CT-5DE | 5 DC | 10 | 1.69 | 1.41 | 1.30 |
| 686-0126 | AZ941-1CT-12DE | 12 DC | 10 | 1.69 | 1.41 | 1.30 |
| 686-0127 | AZ941-1CT-24DE | 24 DC | 10 | 1.75 | 1.46 | 1.35 |