



4

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 100 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