

SOLID-TUBE[®] INDUSTRIAL RECTIFIER TUBE REPLACEMENTS

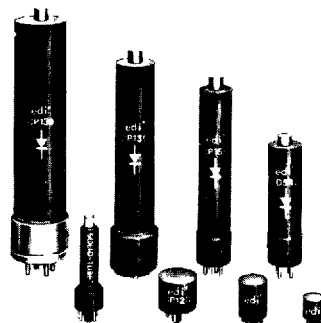
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T-2

THESE SOLID-TUBE[®] INDUSTRIAL TYPES ARE SILICON RECTIFIERS DESIGNED ON STANDARD TUBE BASES FOR DIRECT PLUG-IN REPLACEMENT OF VACUUM AND GASEOUS RECTIFIER TUBES.

THEY OFFER THESE DISTINCT ADVANTAGES:

- NO NEED FOR FILAMENT TRANSFORMER
- SOLID-STATE RELIABILITY
- MODERNIZATION OF EQUIPMENT
- CONSTANT OUTPUT
- LONG LIFE
- COMPACT RUGGED CONSTRUCTION
- FAST WARM UP



CROSS REFERENCE LIST

RECTIFIER TUBE	EDI REPLACEMENT	RECTIFIER TUBE	EDI REPLACEMENT	RECTIFIER TUBE	EDI REPLACEMENT
OZ4	CP104	6AX4,	CP125	117Z4GT	CP101
1X2	CP176	6AX4GT		117Z6GT	CP102
2-25A	CP151	6AX5	CP111	217C	CP133
2-50A	CP156	6BL4	CP125	250R	CP177
2-240A	CP154	6BW4	CP110	253	CP143
2-450A	CP157	6BY5GA	CP124	371A	CP178
3B24, 3B24W,	CP150	6CA4	CP103	481B	CP152
3B24WA		6DA4	CP125	575A	CP138
3B25	CP127	6DE4	CP129	576A	CP175
3B26	CP140	6DM4A 6U4	CP125	579B	CP149
3B28	CP134	6V3A	CP130	583	CP146
3B29	CP144	6W4,	CP125	673	CP139
4B31	CP145	6W4GT		816	CP132
4B32	CP135	6W5	CP111	836	CP131
5AU4	CP112	6X4	CP106	866, 866A,	CP134
5AW4, 5AX4,	CP114	6X4 HiAlt.	CP108	866AX	
5AZ4		6X5, 6X5G,	CP111	869	CP179
5R4, 5R4W	CP122	6X5GT, 6Z5,		872, 872AX	CP135
5R4WGA	CP123	6ZY5G	CP115	1616	CP131
5R4WGB		7Y4, 7Z4		5517	CP121
5T4, 5U4,	CP114	12AF3	CP126	5558/32	CP128
5U4G, 5U4GB,		12AX4,	CP125	5839, 5852	CP111
5V3, 5V4,		12AX4GT		GB5931	CP119
5V4G, 5V4GA		12AX4GTA		5931	CP112
5W4	CP112	12BW4	CP110	5934	CP148
5X4, 5X4G	CP111	12D4	CP125	6004	CP114
5Y3, 5Y3G,	CP114	12X4	CP106	6063	CP109
5Y3GT		12X4 HiAlt	CP108	6087, 6106	CP112
5Y4, 5Y4G,	CP116	80, 82, 83, 83V	CP117	7136	CP142
5Y4GT		84/6Z4	CP105	7789	CP141
5Z3	CP117	117Z3	CP100	7792	CP153
5Z4	CP114			8008,	CP136
6AF3	CP126			8008XE	
6AU4,	CP125			8020	CP158
6AU4GT,				RX21A	CP137
6AU4GTA					

The CP series of SOLID-TUBE is designed for use at power frequencies. Should you require a rectifier replacement not listed, or for higher frequencies consult the factory.



ELECTRONIC DEVICES, INC.

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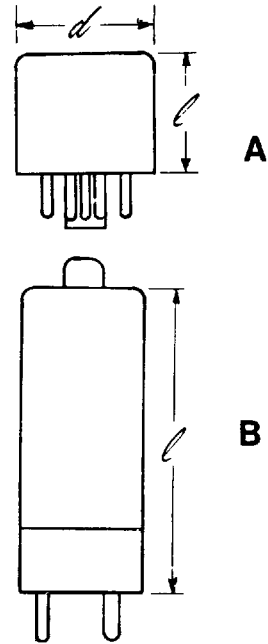
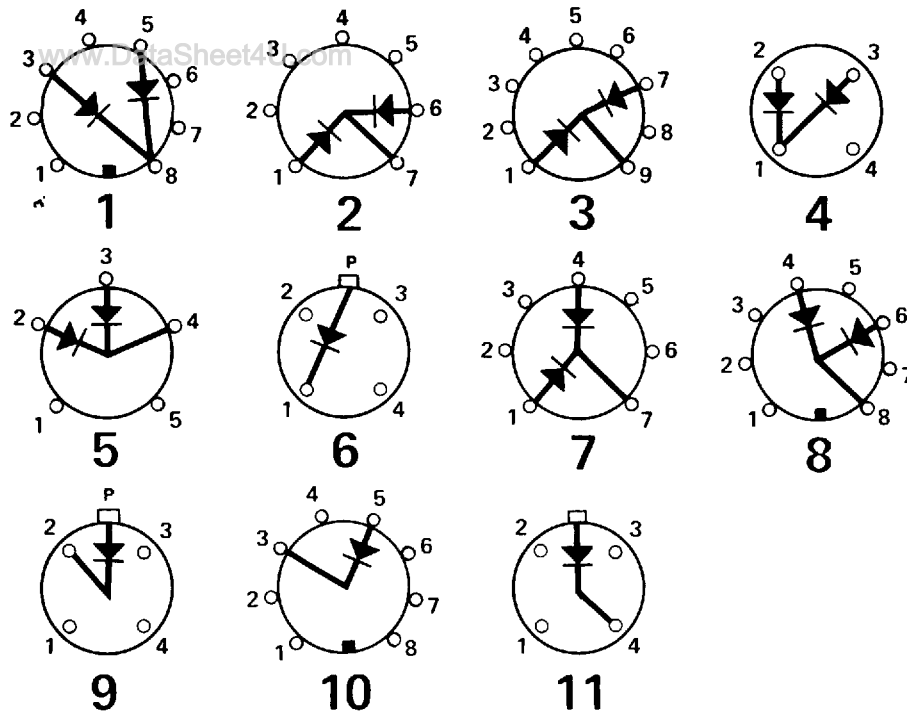


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BASE DIAGRAMS

T-23-23

OUTLINES



ELECTRICAL SPECIFICATIONS

MECHANICAL DIMENSIONS

EDI TYPE	ABSOLUTE MAXIMUM PIV†	MAXIMUM DC OUTPUT MA @ 75°C	NOMINAL DC VOLTAGE DROP @ 25°C†	OUTLINE	d (INCHES)	l (INCHES)	BASE DIAG.	BASE TYPE	CAP TYPE
CP104	1250	150††	2.0	A	1.38	1.13	1	OCTAL	—
CP105	1500	150	2.0	A	1.38	1.13	5	A5-11	—
CP106	1500	150	2.0	A	0.63	0.75	2	MIN. 7	—
CP108	1500	150	2.0	A	0.63	0.75	7	MIN. 7	—
CP109	1600	500††	2.0	A	0.63	1.25	2	MIN. 7	—
CP110	1600	500††	2.0	A	0.88	0.75	3	MIN. 9	—
CP111	1600	750	2.0	A	1.38	1.13	1	OCTAL	—
CP112	1600	750††	2.0	A	1.38	1.13	8	OCTAL	—
CP113	1600	750††	2.0	A	1.38	1.13	8	OCTAL	—
CP114	1600	750	2.0	A	1.38	1.13	8	OCTAL	—
CP116	1600	750††	2.0	A	1.38	1.13	1	OCTAL	—
CP117	1600	750	2.0	A	1.38	1.13	4	A4-9	—
CP119	1800	500	2.0	A	1.38	1.13	8	OCTAL	—
CP120	2800	250	4.0	A	1.38	1.13	8	OCTAL	—
CP122	2800	500††	4.0	A	1.38	1.13	8	OCTAL	—
CP125	4500	250††	8.0	A	1.38	1.13	10	OCTAL	—
CP129	5000	250	8.0	A	1.38	1.13	10	OCTAL	—
CP131	7000	500	12.0	B	1.38	5.50	6	A4-10	C1-5
CP132	8000	250	12.0	B	1.38	4.13	6	A4-9	C1-1
CP134	10000	500	14.0	B	1.38	5.50	11	A4-10	C1-5
CP135	10000	1250	14.0	B	1.87	8.19	9	A4-29	C1-5
CP136	10000	1250	14.0	B	2.22	7.78	9	A4-18	C1-5
CP138	15000	1750	20.0	B	1.87	8.19	9	A4-29	C1-5
CP139	15000	1750	20.0	B	2.22	9.70	9	A4-18	C1-5
CP150	20000	100	30.0	B	1.38	4.13	9	A4-10	375
CP158	40000	100	60.0	B	1.38	7.25	6	A4-10	C1-5
CP175	30000	750	40.0	B	1.88	6.75	9	A4-81	.375
CP176	30000	5	60.0	B	0.88	2.52	—	MIN. 9	.250
CP177	60000	500	70.0	B	1.88	9.19	9	A4-29	C1-1
CP178	25000	500	30.0	B	1.88	8.50	9	A4-28	C1-1

If the tubes to be replaced are operating at or near their maximum PIV rating, please consult our applications group for proper recommendation

† Per Section

†† 100°C