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Obsolete Relays Replacement Parts Repair Service

The Relay-Instrument Division maintains availability of replacement parts and repair services on a schedule consistent with the value, obsolescence rate, repair costs, and functional interchangeability of its products.

For a relatively expensive relay without a direct supersedure all parts will be available for 5 years and common wearing parts for 10 years after notice of obsolescence. On the other hand, for a low cost auxiliary relay where a direct replacement is available, or where a modification will accommodate an available device, provision will be made only for common wearing parts.

The availability status lies between these extremes as charted below for each obsolete device.

Code A

Complete factory repair and parts replacement services are available. Repairs may be made at the factory. Parts may be ordered if listed in renewal parts data, whether or not they are listed in PEG 120. Substitutions may be made at the option of the factory.

Code B

Common wearing parts will be furnished. Factory service involving common wearing parts only is available.

Common wearing parts include: glass windows; gaskets; resistors; nameplates; ac and dc coils; terminal hardware; magnetic assemblies; moving and stationery contacts; complete polar, clapper, plunger, cylinder, and induction disc assemblies; cases; all types of solid-state electronic components; printed circuit boards; lamps; lenses; and mechanical indicators.

Code C

Common wearing parts are available due to the fact that they are utilized in other type of relays of later design. Check with Westinghouse Relay-Instrument Division for available styles. Consider replacement with a modern device.

Code D

No parts or factory service available.

Westinghouse reserves the right to decline to furnish any part or parts at its sole discretion even though listed as available within the above codes.

For relays in current production, all parts are available either as individual items or as assemblies of critical parts. Relays will be placed on the obsolete list in Code A the year after being withdrawn from regular production.

Obsolete Westinghouse Relays, Modern Equivalents

Obsolete Relay Type	Modern Equipment					
	Equivalent Type	Negotiation Point	Publication Number	Present Status Code	Present Status Expires	Year Obsoleted
A	None	CS	41-305	D	....	1954
BA	BL-1	CS	41-550	D	....	1962
BD	BL-1	CS	41-550	D	....	Prior to 1962
BG	None	CS	41-379	D	....	Prior to 1962
BL	BL-1	CS	41-550	D	....	Prior to 1962
BT	None	CS	.....	D	....	Prior to 1962
CA-1	None	CS	.....	D	....	Prior to 1962
CA-4	HU-1	CS	41-330	D	....	Prior to 1962
CA-5	CA-26	CS	41-330	D	....	Prior to 1962
CA-6	CA-16, 26	CS	41-330	D	....	Prior to 1962

Obsolete Westinghouse Relays, Modern Equivalents, Cont'd

Obsolete Relay Type	Modern Equipment					
	Equivalent Type	Negotiation Point	Publication Number	Present Status Code	Present Status Expires	Year Obsoleted
CAM	None	CS	41-335	D	....	1970
CAS	None	CS	.....	D	....	1960
CBU	None	CS	.....	D	....	1966
CD	None	CS	.....	D	....	1959
CF	CF-1	CS	41-500	D	....	Prior to 1962
CGR	CGRS	..	41-107	A	....	1982
CH	None	CS	41-255.2	D	....	Prior to 1962
CH-3	None	CS	.....	D	....	1971
CHR	None	CS	.....	D	....	Prior to 1962
CHV	HV-3	CS	41-225	D	....	Prior to 1962
CHV-3	None	CS	41-255	D	....	Prior to 1962
CI	CVE	CS	41-681.1	D	....	1959
CJ-2	None	CS	.....	A	1990	1986
CJ-4	None	CS	.....	A	1990	1986
CJ-6	None	CS	.....	A	1990	1986
CJ-7	None	CS	.....	A	1990	1986
CJ-8	None	CS	.....	A	1990	1986
CJ-9	None	CS	.....	A	1990	1986
CMV	None	CS	.....	D	....	Prior to 1962
CN	CN-33	Sw	35-550	D	....	Prior to 1962
CN-2	CN-33	Sw	35-550	D	....	Prior to 1962
CN-3	CN-33	Sw	35-550	D	....	Prior to 1962
CN-11	CN-33	Sw	35-550	D	....	Prior to 1962
CN-12	CN-33	Sw	35-550	D	....	Prior to 1962
CNA	CNA	Sw	35-550	D	....	Prior to 1962
CNS	CN-33	Sw	35-550	D	....	Prior to 1962
CO	CO-2 to 11	CS	41-100A	D	....	1959
CO-12	None	CS	.....	D	....	1959
CO (Amm)	COD	CS	41-100B	D	....	Prior to 1962
COI	CO-7	CS	.....	D	....	Prior to 1962
COJ	None	CS	.....	A	1990	1986
COH	CO-2	CS	.....	D	....	1966
CON	None	CS	.....	D	....	1959
CQ	CM	CS	41-180	D	....	1964
CR	CR-2 to 11	CS	41-130	D	....	1962
CR-3	H-3	CS	41-225	D	....	1957
CR-33	H-3	CS	41-225	D	....	Prior to 1962
CRA	CR	CS	41-130	D	....	Prior to 1962
CRN	None	CS	.....	D	....	.....
CRS	CRQ	CS	41-163.2	D	....	1957
CRV	None	CS	.....	D	....	Prior to 1962
CV (Vm)	CVD	CS	41-200	D	....	Prior to 1962
CVC	SVC	Sh	47-065.17	D	....	Prior to 1962
CVN	None	CS	.....	D	....	.....
CVR-1	SVC	Sh	47-065.17	D	....	1956
CWC-1	None	CS	.....	D	....	1956
CWC-2	None	CS	.....	D	....	1956
CWK	CW	CS	.....	D	....	Prior to 1962
CWN	None	CS	.....	D	....	.....
CZ	KD-10 +	CS	41-491	D	....	1956
	SD-2	CS	41-499	D	....	.....
CZT	None	CS	.....	D	....	1937
D-2	D-3	CS	41-150	D	....	Prior to 1962
DRC	DRC-1	..	.....	D	....	1981
DT-2	DT-3	CS	41-550	D	....	Prior to 1962
DW	None	CS	.....	D	....	Prior to 1962
GK	None	CS	.....	D	....	Prior to 1962
GP	None	CS	.....	D	....	Prior to 1962
GR	RC	CS	41-660	D	....	1953
GTU	RC	CS	41-660	D	....	Prior to 1962
HA	SA-1	CS	41-331	D	....	1966
IRV	IRC	CS	41-130B	D	....	1956
HCR	IRC	CS	41-130B	D	....	1956

• Changed or added since previous issue.



Obsolete Westinghouse Relays, Modern Equivalents, Continued

Obsolete Relay Type	Modern Equipment						Obsolete Relay Type	Modern Equipment					
	Equivalent Type	Negotiation Point	Publication Number	Present Status Code	Present Status Expires	Year Obsolete		Equivalent Type	Negotiation Point	Publication Number	Present Status Code	Present Status Expires	Year Obsolete
HCRD	IRD	CS	41-130B	D	....	1956	OL	MG-6	CS	41-750B	D	....	Prior to 1962
HCZ	KD-10+	CS	41-491	D	....	1966	OX	MG-6	CS	41-750B	D	....	Prior to 1962
	SD-2	CS	41-499				PG	None	CS	.....	D	....	1958
HCZ-1	KD-10+	CS	41-491	D	....	1966	PG-1	TT-1	CS	41-953	D	....	1957
	SD-2	CS	41-499				PG-2	None	CS	.....	D	....	1958
HD	None	CS	.....	D	....	Prior to 1962	PS-1	PMA, PMD	CS	41-973.5	D	....	1964
HL-2	None	CS	.....	D	....	Prior to 1962	PS-2	PM-2	CS	41-973.5	D	....	1964
HKB	SKB	CS	.....	D	....	Prior to 1970	PS-3	PM-3	CS	41-973.5	D	....	1964
HLF	KLF	CS	41-748	D	....	Prior to 1962	PS-4	PM-4	CS	41-973.5	D	....	1964
HO	KO-1	CS	41-931	D	....	Prior to 1962	PS-13	PMG-13	CS	41-973.5	D	....	1964
HPS	KDXG	CS	41-496	D	....	1953	PS-23	PM-23	CS	41-973.5	D	....	1964
HPV	KDXG	CS	41-496	D	....	1953	PSA	PMA	CS	41-973.5	D	....	1964
HQS	KQS	CS	.....	D	....	1950	PSD	PMD	CS	41-973.5	D	....	1964
HR (Grd)	KRP	CS	41-135	D	....	1952	RB	None	CS	.....	D	....	Prior to 1962
HR (Ph)	KRV	CS	41-135	D	....	1953	RF	KF	CS	41-385	D	....	Prior to 1962
HR-1	None	CS	.....	D	....	1953							
HRC	KRC	CS	41-135	D	....	1966	RM	None	CS	.....	D	....	Prior to 1962
HRD	KRD	CS	41-135	D	....	1966	RR	KA-4	CS	41-923.4	D	....	Prior to 1962
HRP	KRP	CS	41-135	D	....	1966	RS	KA-4	CS	41-923.4	D	....	1966
HRK	KRC	CS	41-135	D	....	1966	RSN	KA-4 + KS	CS	41-923.4	D	....	1966
HRQ	KRQ	CS	41-164	D	....	1966	S	None	CS	.....	D	....	1972
							SA	SA-1	CS	41-331	D	....	1960
HRZ	KD-10+CO	CS	41-491	D	....	1966	SDF-1	MDF	CS	.....	B [Ⓢ]	1987 [Ⓢ]	1982
	41-100A						SB	SC	CS	41-765	D	....	Prior to 1962
HRZ-1	KD-10+CO	CS	41-491	D	....	1966	SBR	RC and CO	CS	41-660	D	....	1970
	41-100A						SC-2	SC, SC-1	CS	41-765	D	....	Prior to 1962
HSC	H3 + SC	CS	41-225	D	....	Prior to 1962	SCO	SCO-T	CS	41-111	A	....	1985
HVS	None	CS	41-765	D	....	1966	SCT	SC + TD-5	CS	41-765	D	....	1968
HX	KDXG	CS	41-496	D	....	1958	SDA	KA-4	CS	41-923.4	D	....	Prior to 1962
HXS	KDXG	CS	41-496	D	....	1958	SDF-1						
HY	KD-10, 11	CS	41-491	D	....	Prior to 1962	SDG	SDG-T	..	.....	B [Ⓢ]	1987 [Ⓢ]	1982
HY-3	KD-11	CS	41-491	D	....	Prior to 1962	SDGU-	SDGU-6, 7	CS	41-496	D	....	1973
HZ	KD-10, 11	CS	41-491	D	....	1966	2,3,4 and 5						
							SG-2	Two SG Relays	CS	41-750A	D	....	1974
HZ-1	KD-10	CS	41-491	D	....	1966	SGR-12	SGR51, 52	..	.....	B [Ⓢ]	1988 [Ⓢ]	1983
HZ-2	None	CS	41-491	D	....	1966	SKAU	SKAU-3	CS	41-923	D [Ⓢ]	1973
HZ-3	KD-11	CS	41-491	D	....	1966	SKB [Ⓢ]	SKBU-1 [Ⓢ]	CS [Ⓢ]	41-950 [Ⓢ]	B [Ⓢ]	1987 [Ⓢ]	1983 [Ⓢ]
HZ-4	KD-10, 11	CS	41-491	D	....	1966	SKD	SKD	CS	41-495.51	C	....	1981
HZM	KD-10, 11	CS	41-491	D	....	1966	SKDU-1	SDU-1	CS	41-494	D [Ⓢ]	1973
HZM-1	KD-10	CS	41-491	D	....	1966							
HZM-3	KD-11	CS	41-491	D	....	1966	SL	SLB	CS	41-775	D	....	1978
JD	TD-5	CS	41-579.1	D	....	1962	SLS	None	..	.....	D	....	Prior to 1962
KA	KA-4	CS	41-923.4	D	....	1963	SM-1	None	CS	.....	D	....	1955
KD	KD-10	CS	41-491	D	....	1963	SM-3	ITH-3	CS	41-771	D	....	1955
							SPCU	SPCU-1A	..	.....	..	....	1980
KD-1	KD-11	CS	41-491	D	....	1963	SVC	None	..	.....	..	....	1981
KD-4	KD-10	CS	41-491	D	....	1975	SVR	SVR	Sh	47-065.17	D	....	....
KD-41	KD-11	CS	41-491	D	....	1975							
KM	SG	CS	41-750A	D	....	Prior to 1962	SV-2	SV, SV-1	CS	41-765	..	....	....
KO	KO-1	CS	41-931	D	....	Prior to 1962	SW	None	CS	.....	D	....	1942
KX	None	CS	.....	D	....	Prior to 1962	TCU [Ⓢ]	None [Ⓢ]	CS [Ⓢ]	B [Ⓢ]	1987 [Ⓢ]	1983 [Ⓢ]
LL	None	CS	41-660	D	....	1950	TD	TK	CS	41-570	D	....	1971
M	MG-6	CS	41-750B	D	....	1936	TD-1	None	..	.....	D	....	1966
							TD-2	TD-4	CS	41-570	D [Ⓢ]	1980
MA	MG-6	CS	41-750B	D	....	1930	TD-3	TD-5	CS	41-576.1	D	....	1953
MAN	None	CS	.....	D	....	1949	TFD	None	CS	.....	..	....	....
MAS	None	CS	.....	D	....	1972	TFD	None	CS	.....	..	....	....
MC	MG-6	CS	41-750B	D	....	1946	TG-2	None	CS	.....	D	....	1960
MC-13	MG-6	CS	41-750B	D	....	Prior to 1962	TH	None	CS	.....	D	....	Prior to 1962
MC-16	MG-6	CS	41-750B	D	....	Prior to 1962	TJ [Ⓢ]	None [Ⓢ]	CS [Ⓢ]	A [Ⓢ]	1990 [Ⓢ]	1986 [Ⓢ]
MF	None	CS	.....	D	....	Prior to 1962							
MG-4	MG-6	CS	41-750B	D	....	Prior to 1962	TO	D-3	CS	41-150	D	....	Prior to 1962
MK	MG-6	CS	41-750B	D	....	1936	TR	CO	CS	41-100A	D	....	1955
ML	None	CS	.....	D	....	1940	TRB [Ⓢ]	None [Ⓢ]	CS [Ⓢ]	A [Ⓢ]	1986 [Ⓢ]	1986 [Ⓢ]
MN	None	CS	.....	D	....	1971	TS	None	..	.....	D	....	1955
MS	SG	CS	41-750A	D	....	Prior to 1962	TS-1	KS	CS	41-492	D	....	1955
MX	MG-6	CS	41-750B	D	....	1935	TSI	HRU	CS	41-347.3	D	....	1957
							TSO-1	KS	CS	41-492	D	....	1966
MZ	MG-6	CS	41-750B	D	....	1951	TSO-2	KST	CS	41-489	D	....	1966
NAS	AR	Beaver	.....	D	....	1971	TSO-3	KS	CS	41-492	D	....	1966
NAL	AR	Beaver	.....	D	....	1971	TSO-4	KS	CS	41-492	D	....	1966
NCO	KA-4	CS	41-923.4	D	....	Prior to 1962	TSP	HRU	CS	41-347.3	D	....	1968
ND	None	CS	.....	D	....	1960	TV	None	CS	.....	D	....	1950
OA	MG-6	CS	41-750B	D	Prior to 1962	X-4	PG-3	CS	41-609	D	1954
OB	None	CS	D	Prior to 1962	XM	None	CS	D	1954
							XP	None	CS	D	1954

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