

ObsDOM 2004V11 Rev X

ABB Inc SAP 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 obsoletion. On the other hand, for a low cost auxiliary relay where a direct replacement is available, or where a modification will Accomodate 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. 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: covers; gaskets; resistors; nameplates; ac and dc coils; terminal hardware; magnetic assemblies; moving and stationary contacts; complete polar, clapper, plunger, cylinder, and induction disk 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 types of relays of later design. Check with ABB Inc SAP for available styles. Consider replacement with a modern device.

Code D

No parts or factory service available.
ABB Inc SAP 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 Relays will be placed on the obsolete list in Code A the year after being withdrawn from regular production.

Note: Negotiation Point Code CS - Coral Spring, FL
Negotiation Point Code AW - Allentown, PA

Modern Equipment

Obsolete Relay Type	Equivalent Type	Neg. Point	Descriptive Literature	Present Status Code	Present Status Expires	Year Obsoleted
A	None	CS	.....	D	....	1954
BA	BL-1	CS	DB 41-501E	D	....	1962
BD	BL-1	CS	DB 41-501E	D	....	Prior to 1962

ObsDOM 2004V11 Rev X

BG	None	CS	.....	D	....	Prior to 1962
BL	BL-1	CS	DB 41-501E	D	....	Prior to 1962
BT	None	CS	.....	D	....	Prior to 1962
CA-1	None	CS	.....	D	....	Prior to 1962
CA-4	HU-1	CS	DB 41-305E	D	....	Prior to 1962
CA-5	CA-26	CS	DB 41-304E	D	....	Prior to 1962
CA-6	CA-16, 26	CS	DB 41-304E	D	....	Prior to 1962
CAM	None	CS	.....	D	....	1970
CAS	None	CS	.....	D	....	1960
CBU	None	CS	.....	D	....	1966
CD	None	CS	.....	D	....	1959
CF	None	CS	.....	D	....	Prior to 1962
CF-1	MDF-1, 2, 3, 4	CS	DB 41-552M	D	....	1992
	or Type 81	AW	DB 41-530S			
CGR	None	CS	.....	D	....	1982
CGRS	None	CS	.....	D	....	1992
CH	None	CS	.....	D	....	Prior to 1962
CH-3	None	CS	.....	D	....	1971
CHR	None	CS	.....	D	....	Prior to 1962
CHV	None	CS	.....	D	....	Prior to 1962
CHV-3	None	CS	.....	D	....	Prior to 1962
CI	CVX	CS	DB 41-601E	D	....	1959
CJ-2	None	CS	.....	D	....	1986

Obsolete Type	Equivalent Type	Neg. Point	Descriptive Literature	Status Code	Status Expires	Year Obsoleted
CJ-4	None	CS	.....	D	....	1986
CJ-6	None	CS	.....	D	....	1986
CJ-7	None	CS	.....	D	....	1986
CJ-8	None	CS	.....	D	....	1986
CJ-9	None	CS	.....	D	....	1986
CMP	None	CS	.....	D	....	Prior to 1962
CMV	None	CS	.....	D	....	Prior to 1962
CO (Amm)	COD	CS	DB 41-162E	D	....	Prior to 1962
CO	CO-2 to 11	CS	DB 41-102E	D	....	1959
CO-12	None	CS	.....	D	....	1959
COH	CO-2	CS	DB 41-101E	D	....	1966
COI	CO-7	CS	DB 41-101E	D	....	Prior to 1962
COJ	None	CS	.....	D	....	19
CON	None	CS	.....	D	....	1959
CQ	CM	CS	DB 41-161E	D	....	1964
CR	CR-6 to 11	CS	DB 41-131E	D	....	1962
CR-3	H-3	CS	DB 41-264E	D	....	1957
CR-33	H-3	CS	DB 41-264E	D	....	Prior to 1962
CRA	CR-6 to 11	CS	DB 41-131E	D	....	Prior to 1962
CRN	None	CS	.....	D	....	Prior to 1962
CRS	CRQ	CS	DB 41-131E	D	....	1957
CRV	None	CS	.....	D	....	Prior to 1962
CT	None	CS	.....	D	....	1987
CV(Vm)	CVD	CS	DB 41-222E	D	....	Prior to 1962
CVE<1>	CVX	CS	DB 41-601E	D	....	1990
CVE-1<1>	CVX-1	CS	DB 41-601E	D	....	1990

Obsolete Type	Equivalent Type	Neg. Point	Descriptive Literature	Status Code	Status Expires	Year Obsoleted
CVN	None	CS	.....	D	....	
CWC-1	None	CS	.....	D	....	1956
CWC-2	None	CS	.....	D	....	1956
CWK	CW	CS	DB 41-262E	D	....	Prior to 1962
CWN	None	CS	.....	D	....	1962
CZ	None	CS	.....	D	....	1956
CZT	None	CS	.....	D	....	1937
D-2	D-3	CS	DB 41-166E	D	....	Prior to 1962

ObsDOM 2004V11 Rev X

DGSH	RAGEK	CS	1MRK502003-BEN	D	....	1997
DPU	DPU2000	AW	DB 41-217M	B	....	1996
DRC	MRC2	AW	DB 41-621M	D	....	1981
DRC-1	MRC2	AW	DB 41-621M	D	....	1992
DT-2	DT-3	CS	DB 41-501E	D	....	Prior to 1962
DW	None	CS	.....	D	....	Prior to 1962
ERNI	RONI	CS	IL 40-608	D	....	1995
GK	None	CS	.....	D	....	Prior to 1962
GP	None	CS	.....	D	....	Prior to 1962
GR	RC	CS	DB 41-602E	D	....	1953
GR-200	GKC	AW	DB 41-181S	B	....	1993
	GRC	AW	DB 41-182S	B	....	1993
GRZ	None	AW	.....	A	....	1995
GTU	RC	CS	DB 41-602E	D	....	Prior to 1962
GWM	None	AW	.....	B	....	1997
HA	SA-1	CS	DB 41-356E	D	....	1966
HCR	IRV	CS	DB 41-132E	D	....	1956
HCRC	IRC	CS	DB 41-132E	D	....	1956
HCRD	IRD	CS	DB 41-132E	D	....	1956
HCZ	None	CS	.....	D	....	1966
HCZ-1	None	CS	.....	D	....	1966
HD	None	CS	.....	D	....	Prior to 1962
HKB	SKBU-1	CS	DB 41-451S	D	....	Prior to 1970
HL-2	None	CS	.....	D	....	Prior to 1962

Obsolete Type	Equivalent Type	Neg. Point	Descriptive Literature	Status Code	Status Expires	Year Obsoleted
HLF	KLF	CS	DB 41-702E	D	....	Prior to 1962
HO	KO-1	CS	IL 41-931	D	....	Prior to 1962
HPS	KDXG	CS	DB 41-402E	D	....	1953
HPV	KDXG	CS	DB 41-402E	D	....	1953
HQS	KQS	CS	IL 41-928.1	D	....	1950
HR(Grd)	KRP	CS	DB 41-133E	D	....	1952
HR(Ph)	KRV	CS	DB 41-133E	D	....	1953
HR-1	None	CS	.....	D	....	1953
HRC	KRC	CS	DB 41-133E	D	....	1966
HRD	KRD	CS	DB 41-133E	D	....	1966
HRK	KRC	CS	DB 41-133E	D	....	1966
HRP	KRP	CS	DB 41-133E	D	....	1966
HRQ	KRQ	CS	DB 41-134E	D	....	1966
HRZ	KD-10 +	CS	DB 41-401E,	D	....	1966
	CO		DB 41-101E			
HRZ-1	KD-10 +	CS	DB 41-401E,	D	....	1966
	CO		DB 41-101E			
HSC	H-3 +	CS	DB 41-264E,	D	....	Prior to 1962
	SC		DB 41-106E			
HV-3	None	CS	.....	D	....	1987
HV-4	None	CS	.....	D	....	1987
HVS	None	CS	.....	D	....	1966
HX	KDXG	CS	DB 41-402E	D	....	1958
HXS	KDXG	CS	DB 41-402E	D	....	1958
HY	KD-10, 11	CS	DB 41-401E	D	....	Prior to 1962
HY-3	KD-11	CS	DB 41-401E	D	....	Prior to 1962
Obsolete Type	Equivalent Type	Neg. Point	Descriptive Literature	Status Code	Status Expires	Year Obsoleted
HZ	KD-10, 11	CS	DB 41-401E	D	....	1966
HZ-1	KD-10	CS	DB 41-401E	D	....	1966
HZ-2	None	CS	.....	D	....	1966
HZ-3	KD-11	CS	DB 41-401E	D	....	1966
HZ-4	KD-10, 11	CS	DB 41-401E	D	....	1966
HZM	KD-10, 11	CS	DB 41-401E	D	....	1966
HZM-1	KD-10	CS	DB 41-401E	D	....	1966
HZM-3	KD-11	CS	DB 41-401E	D	....	1966

ObsDOM 2004V11 Rev X						
IMAC	Consult	AW	.....	C	....	1999
	Factory					
IMPRS-0/C	MICROSHIELD	AW	DB 41-126M	A	2006	2001
IMPRS-	Consult	AW	.....	A	2006	2001
MOTOR	Factory					
JD	TD-5	CS	DB 41-505E	D	....	1962
JL	SG	CS	DB 41-817E	D	....	1987
KA	KA-4	CS	DB 41-486E	D	....	1963
KA-1	MDAR, REL302	CS	DB 41-441	D	....	1994
KC-3	KC-4	CS	DB 41-104E	D	....	1987
KD	KD-10	CS	DB 41-401E	D	....	1963
KD-1	KD-11	CS	DB 41-401E	D	....	1963
KD-4	KD-10	CS	DB 41-401E	D	....	1975
KD-41	KD-11	CS	DB 41-401E	D	....	1975
KDAR	None	CS	.....	D	....	1994
Test Box						
KM	SG	CS	DB 41-817E	D	....	Prior to 1962
KO	KO-1	CS	IL 41-931	D	....	Prior to 1962
KO-3	KO-1	CS	IL 41-931	D	....	1987
KQS	MDAR, REL302	CS	DB 41-441	D	....	1994
KRD-5	KRD-4	CS	DB 41-134E	D	....	1987
KS	KS-3	CS	IL 41-492.3	D	....	1982
KX	None	CS	.....	D	....	Prior to 1962
LDAR	REL300(MDAR),	CS	DB 41-441,	D	....	1995
	REL302		DB 41-444			
Obsolete	Equivalent	Neg.	Descriptive	Status	Status	Year
Type	Type	Point	Literature	Code	Expires	Obsoleted
LL	None	CS	.....	D	....	1950
M	MG-6	CS	DB 41-803E	D	....	1936
MA	MG-6	CS	DB 41-803E	D	....	1930
MAN	None	CS	.....	D	....	1949
MAS	None	CS	.....	D	....	1972
MC	MG-6	CS	DB 41-803E	D	....	1946
MC-13	MG-6	CS	DB 41-803E	D	....	Prior to 1962
MC-16	MG-6	CS	DB 41-803E	D	....	Prior to 1962
MCO	Micro-51/FT	AW	DB 41-123M			1999
MF	None	CS	.....	D	....	Prior to 1962
MG-4	MG-6	CS	DB 41-803E	D	....	Prior to 1962
MK	MG-6	CS	DB 41-803E	D	....	1936
ML	None	CS	.....	D	....	1940
MMCO	MSOC,	AW	DB 41-126M,			1999
	DPU1500R		DB 41-215M			
MN	None	CS	.....	D	....	1971
MPR	REM543	AW	1MRS751173-MBG	B	2004	1999
MRC-T	Reclosing	CS	DB 41-440M,	D	....	1998
	Relay		DB 41-444M			
	Function in					
	REL 512,					
	REL 301/302					
MS	SG	CS	DB 41-817E	D	....	Prior to 1962
MVH	None	CS	.....	C	2003	2000
MX	MG-6	CS	DB 41-803E	D	....	1935
MZ	MG-6	CS	DB 41-803E	D	....	1951
NAL	AR	CS	.....	D	....	1971
NAS	AR	CS	.....	D	....	1971
NCO	KA-4	CS	DB 41-486E	D	....	Prior to 1962
ND	None	CS	.....	D	....	1960
OA	MG-6	CS	DB 41-803E	D	....	Prior to 1962
OB	None	CS	.....	D	....	Prior to 1962
OL	MG-6	CS	DB 41-803E	D	....	Prior to 1962
OX	MG-6	CS	DB 41-803E	D	....	Prior to 1962
PG	None	CS	.....	D	....	1958

ObsDOM 2004V11 Rev X

PG-1	None	CS	.....	D	....	1957
PG-2	None	CS	.....	D	....	1958
Pro*star	REM543	AW	1MRS751173-MBG	A	2006	2001
Obsolete Type	Equivalent Type	Neg. Point	Descriptive Literature	Status Code	Status Expires	Year Obsoleted
PS-1	PMA, PMD	CS	IL 41-973.5	D	....	1964
PS-13	PMG-13	CS	IL 41-973.5	D	....	1964
PS-2	PM-2	CS	IL 41-973.5	D	....	1964
PS-23	PM-23	CS	IL 41-973.5	D	....	1964
PS-3	PM-3	CS	IL 41-973.5	D	....	1964
PS-4	PM-4	CS	IL 41-973.5	D	....	1964
PSA	PMA	CS	IL 41-973.5	D	....	1964
PSD	PMD	CS	IL 41-973.5	D	....	1964
RB	None	CS	.....	D	....	Prior to 1962
RECL	Reclosing Relay	CS	DB 41-440M, DB 41-444M	C	2003	1998
	Function in REL 512, REL 301/302					
RF	KF	CS	DB 41-503E	D	....	Prior to 1962
RM	None	CS	.....	D	....	Prior to 1962
RR	KA-4	CS	DB 41-486E	D	....	Prior to 1962
RS	KA-4	CS	IL 41-923.4	D	....	1966
RSN	KA-4 + KS-3	CS	DB 41-486E, IL 41-492.3	D	....	1966
RTC-10	None	CS	.....	D	....	1988
S	None	CS	.....	D	....	1972
SA	SA-1	CS	DB 41-356S	D	....	1960
SB	SC	CS	DB 41-106E	D	....	Prior to 1962
SBFU	SBF-1	CS	DB 41-188S	D	....	1995
SBR	RC + CO	CS	DB 41-602E, DB 41-202E	D	....	1970
SC-2	SC, SC-1	CS	DB 41-106E	D	....	Prior to 1962
SCO	Micro-51/FT	AW	DB 41-123M,	D	....	1985
SCO-2T to SCO-11T	Micro-51/FT	AW	DB 41-123M,	D	....	1987
Obsolete Type	Equivalent Type	Neg. Point	Descriptive Literature	Status Code	Status Expires	Year Obsoleted
SCT	SC + TD-5	CS	DB 41-106E DB 41-505E	D	....	1968
SCV	SC + SV	CS	DB 41-106E DB 41-227E	D	....	Prior to 1980
SD-2	None	CS	.....	D	....	1989
SDB	None	CS	.....	D	....	1987
SDBU	REL302	CS	DB 41-444	D	....	1984
SDU-1	REL302	CS	DB 41-444	D	....	1984
SDGU-6, 7	REL302	CS	DB 41-444	D	....	1984
SD-1	SKD-T	CS	DB 41-412S	D	....	1987
SDA	KA-4	CS	DB 41-486E	D	....	Prior to 1962
SDF-1	MDF-1	CS	DB 41-552M	D	....	1982
SDG	SDG-T	CS	DB 41-411S	D	....	1982
SDGU-2to5	SDGU-6, 7	CS	DB 41-411S	D	....	1973
SG-2	Two SG Relays	CS	DB 41-817E	D	....	1974
SGR-1	SGR-51	CS	IL 41-668.1	D	....	1987
SGR-12	SGR51, 52	CS	IL 41-668.12	D	....	1983
SGRU-52	SGR-52	CS	IL 41-668.12	D	....	1992
SGRU-54	None	CS	IL 41-668.12	D	....	1992
SI-1	SI-T	CS	IL 41-777.3	D	....	1987
SIU	REL302	CS	DB 41-444	D	....	1984
SKA	KA-4	CS		D	....	1987

ObsDOM 2004V11 Rev X

SKA-1	KA-4	CS	DB 41-486E	D	....	1987
SKAU	REL302	CS	DB 41-444	D	....	1973
SKB	SKBU-1	CS	DB 41-451S	D	....	1983
SKBU-1,	LCB II	CS	DB 41-476S	D	....	1995
SKBU-2A	(Tone Appl)					
SKBU-11,	REL350	CS	DB 41-461	D	....	1984
Obsolete Type	Equivalent Type	Neg. Point	Descriptive Literature	Status Code	Status Expires	Year Obsoleted
SKBU-21	(Tone Appl)					
SKD	SKD-T	CS	DB 41-412S	D	....	1981
SKDU	REL302	CS	DB 41-444	D	....	1984
SKDU-1	None	CS	.....	D	....	1973
SKDU-3, 31	Consult Factory	CS	.....	D	....	1984
SL	SLB	CS	DB 41-190S	D	....	1978
SLS	None	CS	.....	D	....	Prior to 1962
SM-1	None	CS	.....	D	....	1955
SM-3	ITH-3	CS	DB 41-103E	D	....	1955
SPCU	REL350	CS	DB 41-461	D	....	1980
SPCU-1A	REL350	CS	DB 41-461	D	....	1995
	(Tone Appl)					
SRCU-2	MRC-T	CS	IL 41-669	D	....	1994
SRD	MDAR, REL302	CS	DB 41-441P	D	....	1994
SRQU	REL302	CS	DB 41-444	D	....	1984
SRU	Consult Factory	CS	.....	D	....	1984
SS-246	None	CS	.....	D	....	1988
SSO	Sub-Synchronous Resonance Detector	CS	B-853	D	....	1998
STU	REL 302	CS	DB 41-444	D	....	1992
STU-12	REL 302	CS	DB 41-444	D	....	1992
STU-91	TCF-10B	CS	IL 41-959.3	D	....	1987
STU-92	TCF-10B	CS	IL 41-959.5	D	....	1987
STU-94	TT-17	CS	IL 41-958.5	D	....	1987
SV-2	SV, SV-1	CS	DB 41-227E	D	....	
SVC	None	CS	.....	D	....	1981
SW	None	CS	.....	D	....	1942
Obsolete Type	Equivalent Type	Neg. Point	Descriptive Literature	Status Code	Status Expires	Year Obsoleted
TD	None	CS	.....	D	....	1971
TD-1	None	CS	.....	D	....	1966
TD-2	TD-4	CS	DB 41-505E	D	....	1980
TD-3	TD-5	CS	DB 41-505E	D	....	1953
TD-51	TD-52	CS	DB 41-505E	D	....	1987
TFD	None	CS	.....	D	....	
TG-1	SG or MG-6	CS	DB 41-817E	D	....	1987
TG-2	None	CS	.....	D	....	1960
TH	None	CS	.....	D	....	Prior to 1962
TJ	None	CS	.....	D	....	1986
TK	RXKL-1 ASSY	CS	1MRK508002-BEN	D	....	1992
TO	D-3	CS	DB 41-166E	D	....	Prior to 1962
TR	CO	CS	DB 41-102E	D	....	1955
TR-3	TR-1	CS	DB 41-818E	D	....	1987
TRB	None	CS	.....	D	....	1986
TS	None	CS	.....	D	....	1955
TS-1	KS-3	CS	IL 41-492.3	D	....	1955
TSI	HRU	CS	DB 41-167E	D	....	1957
TS0-1	KS-3	CS	IL 41-492.3	D	....	1966

ObsDOM 2004V11 Rev X						
TS0-2	KST	CS	IL 41-492.5	D	....	1966
TS0-3	KS-3	CS	IL 41-492.3	D	....	1966
TS0-4	KS-3	CS	IL 41-492.3	D	....	1966
TSP	HRU	CS	DB 41-167E	D	....	1968
TT-1	Refer to CS	CS	.....	D	....	1987
TT-16	TT-12	CS	DB 41-487E	D	....	1987
TT-17	MDAR, REL302	CS	DB 41-441	D	....	1994
Obsolete Type	Equivalent Type	Neg. Point	Descriptive Literature	Status Code	Status Expires	Year Obsoleted
TT-18	MDAR, REL302	CS	DB 41-441	D	....	1994
TT-19	MDAR, REL302	CS	DB 41-441	D	....	1994
TT-21	TT-12	CS	DB 41-487E	D	....	1987
TT-8	TT-12	CS	DB 41-487E	D	....	1987
TT-9	None	CS	.....	D	....	1994
TV	None	CS	.....	D	....	1950
UNIFLEX	REL512	CS	DB 41-440,	D	....	1995
X-4	None	CS	.....	D	....	1954
XM	None	CS	.....	D	....	1954
XP	None	CS	.....	D	....	1954
50, 50I	50H, 50D	AW	DB 41-112S	B	....	1997
76H	76T	AW	DB 41-176S	B	....	1997
79M	MRC2	AW	DB 41-621M	B	....	1997

<1> Class 1E CVE & CVE-1 relays are still available.