

Phased out products and their replacements

1MRK 590 002-BEN
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 without notice

Type	Description	Phased out Year	Replaced by
F	Auxiliary relay	1997	RXMS 1 or RXMB1 or RXMC 1
IKC911_-0	Time overcurrent relay	1997	RXIDK 2H
IKT941_-0	Time overcurrent relay	1997	RXIDK 2H
LR 91	Directional wave relay	1996	REL 531
LZ 91	Distance relay	1996	REL 511
LZ 92	Distance relay	1996	REL 511
LZ 92-1	Distance relay	1996	REL 511
P8n	Auxiliary relay	1997	RXMH 2
P16	Auxiliary relay	1997	2 each RXMH 2
PA	Auxiliary relay	1997	RXKA 1 or RXKL 1 timer (+RXM.. auxiliary relay)
PR	Auxiliary relay	1997	RXKA 1 or RXKM 2H timer (+ RXM.auxiliary relay)
PSU	Auxiliary relay	1997	RXMD 1 or RXMVB 2 or RXMVB 4
RAAAB	Autoreclosing device	1984	REXA
RAAAC	Autoreclosing device	1986	REXA
RAAAE	Autoreclosing device	1994	REXA
RAAAG	Autoreclosing device	1986	REXA
RAAAK	Autoreclosing device	1986	REXA
RAAAM	Autoreclosing device	1994	REXA
RAABA	Autoreclosing device	1986	REXA
RAABC	Autoreclosing device	1986	REXA
RAACA	Autoreclosing device	1986	REXA
RAACC	Autoreclosing device	1986	REXA
RACIC	Feeder protective relay	1995	RAIDK or RAIDK 400
RACID	Phase and ground O/C relay	2002	RAHL/RXHL401
RACIF	Phase and ground O/C relay	2002	RAHL
RADSE	Transf diff protection	1990	RADSB
RADSG	Generator diff protection	2002	RADSC or REB101
RADSL	Pilot wired diff protection	2002	RADHL
RADSS	Bus diff protection	2002	RED521 or REB103
RAELA	DC Earth fault relay	1995	No replacement
RAEPA	Directional E/F relay	1995	REL 010 or RXPKD 2H
RAGEA	100% generator stator earth fault protection	1998	RAGEK
RAGNA	Speed monitoring system	1996	No replacement
RAGPA	Under-excitation protection	1987	RAGPC
RAGPB	Under-excitation protection	1986	RAGPC
RAGPC	Loss of excitation relay	1998	RAGPK
RAGUA	Dead machine protection	1998	RAGIC
RAHFA	Load shedding equipment	1990	No replacement
RAICB	Harmonic restraint overcurrent relay	1990	No replacement
RAICC	Breaker failure protection	2002	RAHB/RXHB411
RAISA	Harmonic restraint O/C relay	1994	RAISB
RAKZA	Under impedance relay	1978	RAKZB, RAZK
RALDA	Directional wave detector	1995	REL 531
RALZA	Directional wave detector	1996	REL 531
RALZB	Directional wave detector	1996	REL 531
RAMDA	Motorprotection	1988	RAMDE

RAMDE	Motor protection	2002	REM543 or SPAM150C
RANCE	Signal system	1995	SACO 16
RANVA	Temperature supervision device	1989	RANVB
RANVD	Rotor temperature monitor	1983	No replacement
RANZA	Fault locator	1997	500-series line & breaker terminals
RARIO	Negative sequence prot.	1984	RARIB
RASA	Synchronizing device	1995	SYNCHROTECT 5
RASD	Parallelling device	1994	No replacement
RATUA/B	Overexcitation protection	1996	RALK
RAYA	Voltage regulator	2002	RET521 or SPAU341C or Unitrol 1000
RAZFE	Distance relay	1995	REL 531/521 or REZ 1
RAZOA	Distance protection	1997	REL 511
RAZOG	Distance protection	1990	REL 501/511
RCRA	Disturbance Recorder	2002	RES505
REB010	Breaker failure relay	2002	RAHB/RXHB411
REG100/110	Generator protection	2002	RAGCX or REG316
REL100	Line distance protection	2002	REL511
REOR100	Disturbance Recorder	2002	RES505
REX911_-0	Reverse power relay	1997	RXPPK 2H
REZ1	Line distance protection	2002	REL531*2.3
RGZB 030	Impedance start unit for RAZOA	1995	RGZB 031
RLCA 100	Object bus interface	1995	No replacement
RMX911_-0	Directional relay	1997	RXPDK 21H/22H/23H
RS 4	Signalling system	1988	SACO 16D
RTXN	Terminal block	1982	No replacement
RTXT	Testing pin	1983	No replacement
RTXU	Extractor for RXTN	1982	No replacement
RXABA 4	Logic unit for RAABC	1986	No replacement
RXABB 4	Relay unit for RAABC	1986	No replacement
RXAF 41	Stepping relay	1986	No replacement
RXAZ 4	Relay unit for RAAAZ	1986	No replacement
RXCE 4	Measuring unit for RAYA	1986	RXCE 41
RXDA 2	Power swing blocking unit in RANZP	1985	No replacement
RXDSE 4	Phase unit for RADSE	1990	No replacement
RXEB 2	Overvoltage relay	1995	RXEDK 2H
ac-type			
RXEC 1	Overvoltage relay	1995	RXEG 2 or RXEDK 2H
RXED 1	Overvoltage relay	1995	RXEG 2 or RXEDK 2H
RXEEA 1	Static overvoltage relay	1981	RXEEB 1
RXEF 2	Over and undervolt relay	1995	RXEDK 2H
RXEL 2	Voltage relay	1995	RXEG 2 or RXEDK 2H
RXFE 4	Frequency relay	1997	RXFK 2H
RXIB 21	Static overcurrent relay	1983	RXIB 24
RXIB 22	Static overcurrent relay	1983	RXIB 24
RXIB 23	Static overcurrent relay	1983	No replacement
RXID 1	Overcurrent relay	1995	RXIG2
RXIDE 4	Timeovercurrent relay	1987	RXIDK 2H
RXIDE 43	Timeovercurrent relay	1987	RXIDE 4
RXIDF 2H	Timeovercurrent relay	1995	RXIDK 2H
RXIDG 2H	Time E/F relay	1995	RXIDG 21H
RXIDO 2	Inverse time unit in RARIO	1988	No replacement
RXIDF 2H	Time overcurrent relay	1995	RXIDK 2H
RXIEF 2H	Electronic unit for RAMDA	1989	No replacement
RXIEG 2H	Electronic unit for RAMDA	1989	No replacement
RXIL 2	Current relay	1995	RXIG 2
RXKC 2H	Time relay	1994	RXKM 2H
RXKD 2H	Time relay	1994	RXKL 1 or RXKM 2H
RXKE 1	Time relay	1994	RXKL 1 or RXKM 2H

RXKEC 2H	Time relay	1996	RXLK
RXKF 1	Time relay	1996	RXKA 1 or RXKL 1
RXXH 2	Time relay	1989	RXKL 1 + RXSF 1
RXKN 2	Time relay	1983	RXKL 1
RXX02	Time relay	1990	RXKM 2H
RXKP 2	Time relay	1995	RXKL 1/RXKM 2H
RXKT 2	Time relay	1987	RXKL 1 + RXSF 1
RXLA 4	V/Hz relay in RATUA	1990	RATUB
RXLB 2H	V/Hz relay	1996	RXLK
RXMB 1	Aux relay	1996	No replacement
RXMBB 1	Aux relay	1996	No replacement
RXMB 1	Aux relay for prolonged impuls	1984	No replacement
RXMDA 1	Aux relay, bimetal delayed	1987	RXKL 1
RXMDA 2	Aux relay, bimetal delayed	1987	RXKL 1
RXMEA 1	Static aux relay	1996	No replacement
RXMG 1	Auxiliary relay with mercury wetted contact	1984	No replacement
RXMK 1	Aux relay	1995	RXMH 2 or RXME 1 + RTXE or RXMB 1
RXMP 2	Polarized relay	1995	RXIK or RXNAD 2H
RXMPA 2	Polarized relay	1995	RXIK or RXNAD 2H
RXMVD 1	Remanence relay	1982	No replacement
RXMVE 1	Remanence relay	1995	RXMD 1 or RXMVB 2
RXNA 4	Ins supervision relay	1996	No replacement
RXNAE	Arc monitor	1990	No replacement
RXNAE 4	Arc monitor	1990	No replacement
RXNC 2H	Arc monitor	1996	No replacement
RXNB4	Rotor ground fault relay	2002	RXPDK22H w/inj. transf.
RXODB 4	3ph undervoltage relay	1995	RXEDK 2H + RXTBEA 2
RXOTB 23	3ph undervoltage relay	1996	3 * RXEDA 1
RXOTD 4	3ph undervoltage relay	1995	3 * RXEDK 2H
RXOTF 4	3ph ON and U/V relay	1995	3 * RXEDK 2H
RXPE 40	Current directional relay	1996	RXPDK 21H or 22H
RXPE 40/41	Current directional relay	1990	RXPDK 21H or 22H
RXPE 41	Current directional relay	1990	RXPF 4, RXPDK 22H
RXPE 42	Current directional relay	1996	RXPDK 21H
RXPE 47	Current directional relay	1996	RXPDK 23 H
RXPF 4	Current directional relay	1996	RXPDK 22H
RXSA 4	Indication device	1996	No replacement
RXSK 2H	Indication device	1996	No replacement
RXSL 1	Indication device	1995	No replacement
RXSP 1	Flag indicator	1995	RXSF 1
RXSU 2/4	Flashing relay	1993	RXKL 1
RXTBEB 4	Voltage filter	1988	RXTBEA 2
RXTBIB 4	Current filter	1990	RXTBIC 4
RXTEE 4	Measuring unit for RADSE	1990	No replacement
RXTFC	Filter	1996	No replacement
RXTIE 4	Transf unit	1987	No replacement
RXTMC 1	Potentiometer unit	1986	No replacement
RXTMC 2	Potentiometer unit	1986	No replacement
RXTNB 2	Block unit for RAYA	1986	RXTNB 21
RXTNP	Inverter	1995	No replacement
RXTSA 11	Lamp unit	1986	No replacement
RXTSA 12	Lamp unit	1986	No replacement
RXTSB 1	Lamp- and pushbutton unit	1986	No replacement
RXTSC 1	Lamp unit	1986	No replacement
RXTUA 2	DC/DC-converter	1990	RXTUG 22H
RXTUF 2	Supply unit	1995	No replacement
RXTUG 2H	DC/DC-converter	1993	RXTUG 22H
RXTUG 21H	DC/DC-converter	1995	RXTUG 22H
RXTUS 4	Supply unit	1995	No replacement
RXTZB 2	Transient filter	1986	No replacement

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RXVE 41/43	Thermal overload relay	1995	RXVK 2H
RXVE 42/45	Thermal overload relay	1996	No replacement
RXZ 2	Front socket	1988	RXZ 21
RXZ 4	Front socket	1986	RXZ 41
RXZF 2	Impedance relay	1996	RXZK 2H
RQMD 16	Supply unit	1996	No replacement
RQMB 40	Voltage stabilizer	1996	No replacement
RQKA	Relay unit	1996	No replacement
SSX/SRX	Auxiliary relay	1997	RXKA 1 or RXKL 1 timer (+ RXM.. for more con tacts)
TURH	Test equipment	1997	XS92b
UKT911_-0	DC voltage relay	1997	RXEDA 1, RXEDK 2H