



Part A

Section 10

Protection Relay Cross Reference Guide

Purpose

This technical bulletin is designed to provide a general cross reference guide between RMS, Alstom & Reyrolle product types. When seeking quotations always advise both the RMS & Areva / Reyrolle part numbers.

Case Systems

RMS manufactures case systems suitable for flush, projection and 19" rack mounting complete with draw out modules. Refer to the M Series technical bulletin for full details.

The RMS MATRIX Series relays may be mixed on the same panel with Alstom MIDOS or Reyrolle REYMOS or Reyrolle Epsilon cases using the same mounting hardware.

2M = Size 2 MIDOS or Reymos case
4M = Size 4 MIDOS or Reymos case

Relay Data Sheets

RMS technical bulletins are available for each of the relay types listed in the cross-reference chart & for the various case systems available. A complete RMS product catalogue on CD ROM is available on request or go to the RMS web site:

www.rmspl.com.au

Relay Options

The RMS relay types listed provide function & performance similar to the corresponding Alstom or Reyrolle types. Standard options such as auxiliary voltage, contact arrangement & case style must be specified with order. Variations to the standard specifications are also possible to meet particular customer requirements.

Auxiliary Relays

Areva	Reyrolle	RMS
MVAA11	AR101, AR111, AR131	6RA11
MVAA12	AR114, AR124	6RA12
MVAA13	AR112	6RA13
MVAA14	AR106	6RA14
MVAA15	AR103, AR113	6RA15
-	AR131, AR141, AR231, AR241	6RM203
MVAA21	AR201, AR211, AR221	6RA21
MVAA22	-	6RA22
MVAA23	AR212	6RA23
MCAA11	FR101, FR111	2C74
MCAA12	FR112	2C74
MCAA13	FR112	2C74
MCAA21	FR211, FR212	2C74
MCAA23	FR212	2C74

High Speed Tripping Relays

Areva	Reyrolle	RMS
MVAJ11, MVAJ051, MVAJ101	TR112	6RJ11
MVAJ13, MVAJ053, MVAJ103	TR121	6RJ13
MVAJ14, MVAJ054, MVAJ104	TR131	6RJ14
MVAJ15, MVAJ055, MVAJ105	TR141	6RJ15
MVAJ21, MVAJ051, MVAJ101	TR212	6RJ21
MVAJ23, MVAJ053, MVAJ103	TR221	6RJ23
MVAJ24, MVAJ054, MVAJ104	TR231	6RJ24
MVAJ25, MVAJ055, MVAJ105	TR241	6RJ25
MVAJ201	TRA212	6RJ21-20
MVAJ203	TRA221	6RJ23-20
MVAJ204	TRA231	6RJ24-20
MVAJ205	TRA241	6RJ25-20

Trip Circuit Supervision Relays

Areva	Reyrolle	RMS
MVAX11		6RX11
MVAX12	XR152, XR153	6RX12
MVAX21	XR250, XR251	6RX21
MVAX31	XR350, XR351	6RX31

Digital Time Delay Relays

Areva	Reyrolle	RMS
MVTT14	DDB1, DDB5	2T105
MVTT15	DDB7, DDB11, DDB12	2T105



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Protection Relays

This chart is intended as a guide based on single function relay types.

For more comprehensive information the RMS Sales Office should be consulted for advice & recommendations.

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Pilot Wire Intertripping

Areva	Reyrolle	RMS
GCM05	-	3A300
MVAWA12	Type GF	3A200
MVAWA22	Type GF	3A200
MHOP03	B22	3A200
MHOP02	B74, B75	3A201

Local Breaker Backup

Areva	Reyrolle	RMS
MCT140	2DABT	2C65, 2C80

Sensitive Earth Fault

Areva	Reyrolle	RMS
MCSU	DAC	2C138

Auto Reclose

Areva	Reyrolle	RMS
MVTR01	TAU	1B230

High Impedance Differential / REF / Busbar

Areva	Reyrolle	RMS
MCAG14	DAD	2C73, 2C75
MFAC	5B3	2V73, 1M123, 1M124
MVTP		2V68
Metrosil	Metrosil	2V75

Frequency

Areva	Reyrolle	RMS
MFVU21	Argus	2H34

Synchronization Check

Areva	Reyrolle	RMS
MAVS	Argus 7	2SY212

Under / Over Voltage

Areva	Reyrolle	RMS
MVTU11	Argus 8	2P48, 2P49, 2V67, 2V76

Neutral Displacement

Areva	Reyrolle	RMS
MVTU13	-	2V76

OLTC Voltage Regulation & Control

Areva	Reyrolle	RMS
MVGC, KVGC	SuperTAPP, MicroTAPP	2V164, 2V167, 1M122



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