



2H34C Software

Multi Stage Frequency Relay

relay monitoring systems pty ltd

Advanced Protection Devices



User Guide



Test Manual



Relay Software



µMATRIXwin



2H34C Relay Software

Links to Other Documents

User Guide: http://www.rmspl.com.au/userguide/2H34_user_guide.pdf

Software Downloads: <http://www.rmspl.com.au/digital/uMATRIX.htm>

Version Control

Issue	Date	Summary of changes
A	10/05/2002	Initial issue.
B	31/07/2003	New format
C	06/10/2003	OV/UV alarm relays added
D	25/01/2007	63.5V tap removed (QCR686)

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3.0 DESCRIPTION – UMX2H034C.UMX

3.1 Standard Features

The 2H34 provides a range of standard features as described in the RMS Technical Bulletin that may be downloaded from:

<http://www.rmspl.com.au/handbook/2h34.pdf>

3.2 Special Features of this Software UMX Version

The C UMX software operates on frequency threshold set points only.

The df/dt settings described in the 2H24 Data sheet do not apply to this version.

4.0 USER INTERFACE

Refer to the μ MATRIX Users Guide for detailed instructions on the operation of the user interface.

To download a PDF version of the guide:
www.rmspl.com.au/digital/uMATRIXInfo.pdf

To download further μ MATRIX software & documentation:
www.rmspl.com.au/uMATRIX.htm

5.0 LOAD SOFTWARE

Loading a UMX requires at least the following:
A PC with Windows 98 or later and at least one COM port.
UMatrixWin software.
The correct serial cable.
A general understanding of how UMX and UMP files work with the relay.

Settable parameters will be overwritten by loading a new UMX file. They can however, be saved to a UMP file and then returned to the relay later. To learn how to do this, refer to the uMatrix Userguide.

5.1 Loading the UMX

Before loading the UMX2H034C software, ensure that it is compatible with your hardware. Download the compatibility list from the RMS website at:

www.rmspl.com.au/digital/compatibility.pdf

Ensure that the bios version in the relay matches the table in section 2.0 of this document. (If the bios version is different, you may not be able to load this UMX. Contact RMS for support.)

Load the UMX via the front panel COM port using the 'uMatrixWin' software.
Ensure that the UMX version matches the table in section 2.0.

To interrogate for versions, press 'SET' and 'DATA' buttons simultaneously, then select 'Version Page'. Alternatively, use uMatrixWin – Options – Utilities.

Check versions

5.2 Customer Default UMP

Load customer UMP file as per the Job Card. If no UMP file is requested, write N/A in check box.

UMP file name

The Relay is now ready for field use.

SOFTWARE INSTALLED BY

DATE :

6.0 CONNECTION DIAGRAM

