

FAULTMASTER® 2500 RECLOSER CONTROL

It's EASY to learn and operate!



USER FRIENDLY

The Faultmaster® 2500 Recloser Control offers a user-friendly design which allows easy programming and operation with minimal time and training. A large, backlit LCD clearly displays information, day or night. Both settings and system values are stored in non-volatile memory, so information is retained even if both power and batteries are lost. An Event recorder stores 100 date-and-time-stamped events which make it easy to troubleshoot problematic feeders.

PROTECTION

A dedicated protection microprocessor is used to ensure maximum reliability. The Faultmaster® 2500 contains four industry-standard, time-current curves, each with 32 time dial selections: Moderately Inverse, Normal Inverse, Very Inverse, and Extremely Inverse. In addition, a user can program a custom curve via the JVRCOM Communication Software.

Other Features:

- Definite time curve modifier.
- Selectable phase and ground overcurrent pickup levels.
- Selectable instantaneous pickup levels.
- Selectable number of recloses with selectable reclose times
- Sequence coordination.
- Inrush restraint.
- Selectable settings for over-voltage and under-voltage protection.
- Sensitive earth fault protection.

FEATURES

BENEFITS

User friendly, menu driven, no codes required	Simplest Control in the industry to learn and operate, for both Engineering and Operating departments.
“Quick View” programmable menu	Exclusive feature which allows operating personnel to access key selected system values by pressing only one button.
Default screen simultaneously displays instantaneous currents for all three phases and trip counter	Operating personnel can view system condition without having to do anything but open the cabinet.
JVRCOM - programming and communication software	Enables engineers to very easily and conveniently assign and download settings, and upload system values. Also enables simple on-line status and command capability.
48 hr. battery back-up (sealed lead acid) available on loss of AC power	Tested to 240 open-close operations in an 8 hour period at 70°F under battery power only. Provides more than adequate backup power for emergency situations.
Automatic battery charging and load test	Ensures that the batteries are always able to operate the unit in the event of loss of control power source.
Voltage setpoints	Enable utilities to automatically open the recloser in the event of overvoltage or undervoltage conditions in an intelligent fashion.
Isolation transformer used for control power	Cleans up the control power signal to ensure accurate performance from the control.
Trip test feature	Simulates 1000A of current and initiates complete reclosing sequence based on the programmed settings.

R E C L O S E R C O N T R O L

DISPLAY SCREEN

Instantaneous currents for all three phases and trip counter are displayed on screen so system condition can be viewed by just opening the cabinet.

QUICK VIEW PROGRAMMABLE MENU

One button accesses designated key system values.

PROGRAMMING PORT

Programming and interrogation of the control through connection to a standard computer.

FUSES

Easily accessible control power & battery fuses.

HINGED WEATHER BARRIER PANEL

TAMPER PROOF RECLOSER CONTROL CABLE PLUG

CONTROL POWER SURGE ARRESTER

COMMUNICATIONS PORTS

RS-232 & RS-485 communication ports with MODBUS protocol and a permanent connection for SCADA. Dry contacts are also available for status and commands.

ISOLATION TRANSFORMER

Control power is clean and ensures accurate performance.

BATTERY BACK-UP

Sealed lead acid batteries provide 48 hour backup with automatic charging and load test.

ADDITIONAL FEATURES:

- Recloser duty monitor for each phase
- Analog sensing input
- Peak ampere demand feature for each phase

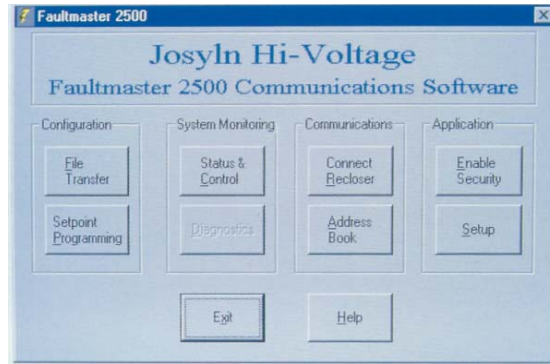
Visit our website www.joslynhivoltage.com to find your local sales representative!

JVRCOM COMMUNICATION SOFTWARE

JVRCOM is a Microsoft Windows® software package with simple on-line status and command capability. It enables programming of the Faultmaster® 2500 control from a personal or laptop computer via RS-232 or RS-485 communication ports. Self-explanatory menus make selection of various operations EASY, even for users with limited computer experience.

EASY TO USE

No programming experience required.



RECORD KEEPING

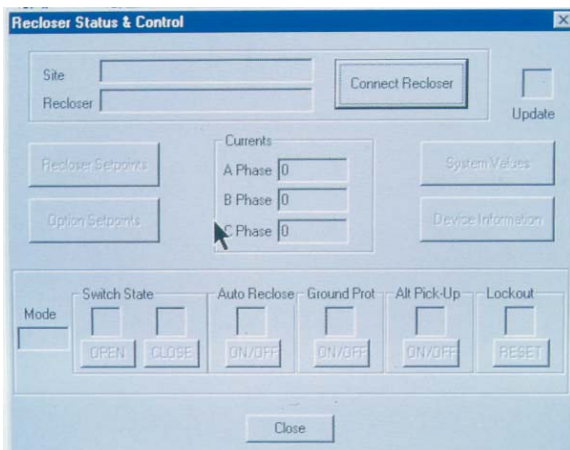
Recording of system values and event recorder.

SECURITY FEATURE

Prevents unauthorized or accidental setting changes or operation.

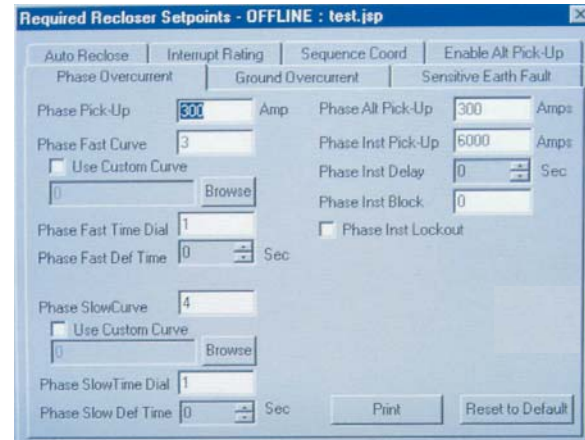
SETPOINT STORAGE

Setpoints can be read and stored, then downloaded when replacing or moving a control.



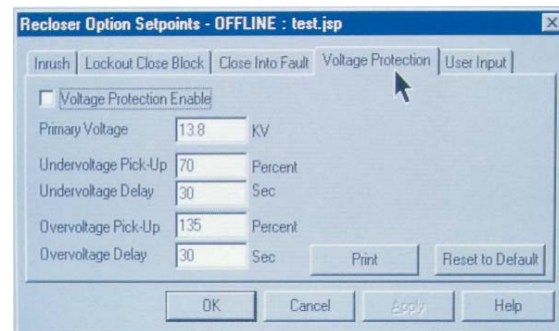
REMOTE ACCESS

Issue commands, read or program settings, or check system status remotely.



PROTECTION CURVE EDITOR

Enables development of custom curves which can be downloaded to control and stored in memory.



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