

F8200-3 POWER SYSTEM SIMULATOR

Standard configuration of logic, voltage and current modules

F8000-series Power System Simulators are modular instruments configured from a versatile hardware platform that enables numerous chassis and module combinations. The compact F8200 model is a four-module instrument that is available in four standard configurations. Each unique configuration provides particular capabilities for a variety of conventional and digital protection testing applications.

Configuration 3 of the F8200 Power System Simulator includes a Command Module, a 6 - 300 VDC 90 W battery simulator, and four Low-Density Logic I/O modules. This F8200 configuration is designed for testing digital substations and provides analog inputs and outputs that enable simulations on hybrid digital-analog schemes.

Command Module

Displays instrument status information and provides central control from Protection Suite and Doble RTS software. IEC 61850-compliant communication and synchronization functions are hosted and connections to other F8000-series instruments are supported.

4 x Low-Density Logic I/O Modules

Each provides four pairs of programmable input/output ports with LED light rings that indicate port assignments and changes in monitored voltage, current and contact states. The optional **F8800 DC Metering and Transducer** upgrade enables testing of transducers and Class 2 meters.



Drive this F8200 with your existing Protection Suite and RTS test procedures. The state-of-the-art digital componentry enables powerful simulations that include the necessary communication functions for testing modern protection schemes including architectures based on the IEC 61850 standard.

This F8200 can be ordered with a wrap-around protective bumper and carrying accessories, or with brackets and hardware for rack-mounting the instrument in 19" racks.

The versatility of F8000-series Power System Simulators like this F8200 model let you easily scale your test capabilities to the requirements presented by your protection systems. Simply connect this F8200 to other F8000-series instruments to expand your use case possibilities.



Logic I/O Module Accessories



Instrument and Accessory Bags



Doble Engineering Company
Worldwide Headquarters
123 Felton Street, Marlborough, MA 01752 USA
tel +1 617 926 4900 | fax +1 617 926 0528
www.doble.com

Specifications are subject to change without notice.
Doble is an ISO 9001 & ISO/IEC 17025 & 17034 Certified Company.
Doble is an ESCO Technologies Company.
PUBLISHED: JUNE, 2021