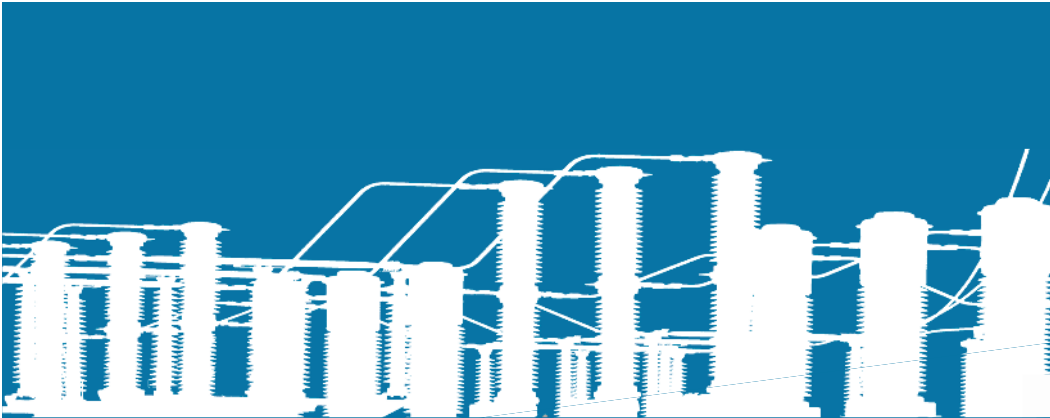
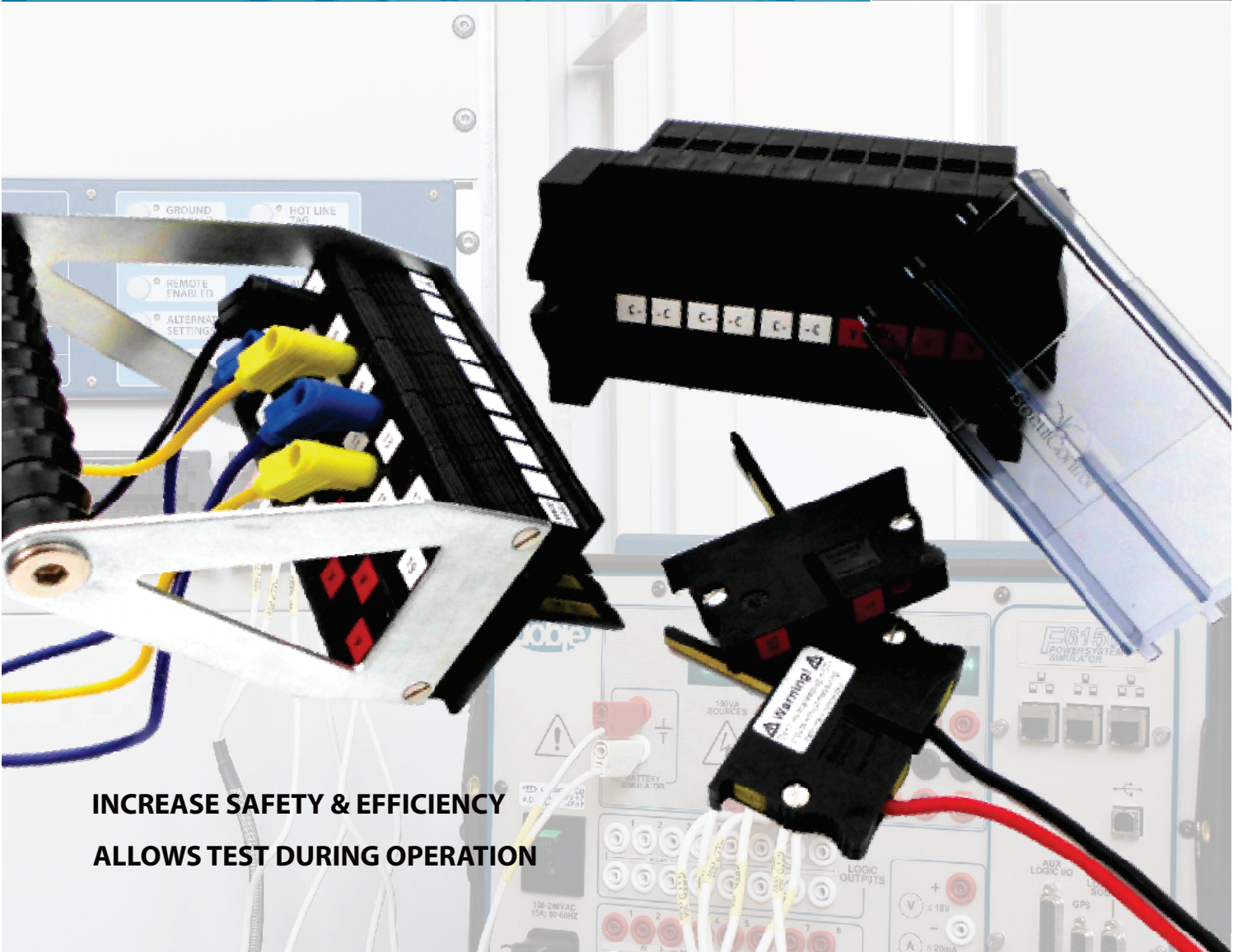


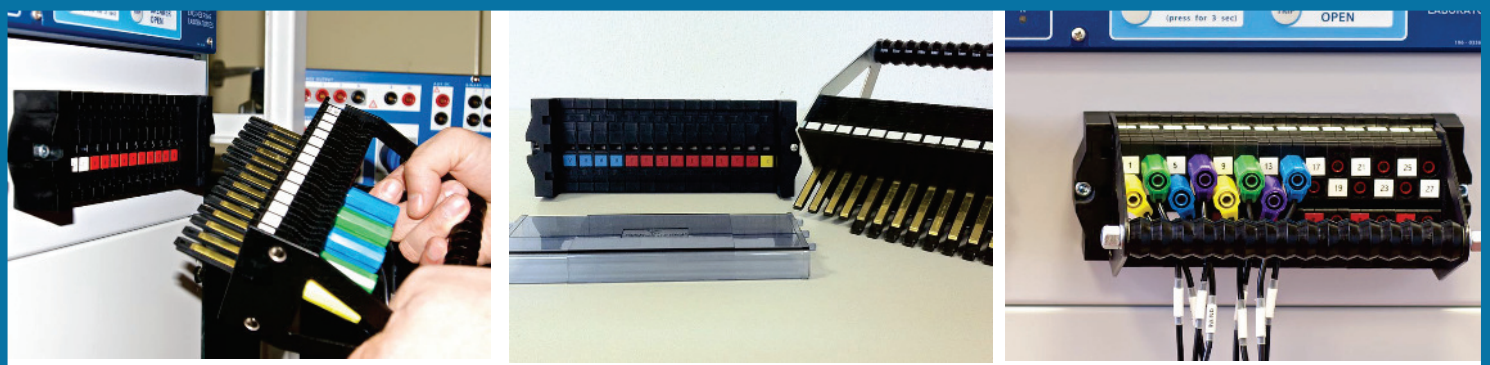
FTS / FTP Test Blocks & Plugs



Testing Solutions
for
Electric Power



**INCREASE SAFETY & EFFICIENCY
ALLOWS TEST DURING OPERATION**



The FTS is a test block for interfacing substation devices (protection relays, fault recorders, revenue meters, . . .) to the voltage and current transformers and to other equipment on the system side of a power grid.

The FTP is a test plug keyed to a particular configuration of FTS Test Blocks. Once inserted into the corresponding Test Block, the FTP Plug isolates the substation device from the system side equipment while at the same time allowing connection of test equipment for secondary injection tests.

Key Features

- Finger-safe Test Block and Test Plug increase safety during testing.
- Test Plugs are keyed to the corresponding Test Blocks and help eliminate errors.
- Construction of Test Plugs prevents contact between test set and current and voltage transformers during insertion / removal and allows test during operation.
- Built-in time-sequencing of disconnection / reconnection operations prevents spurious breaker operation.
- Extremely low internal resistance ($< 2 \text{ m}\Omega$) helps reduce heat inside cabinets and panels.
- Available in 8, 10, 12, 14, 16, 18 or 20 pole configurations.

Technical Specifications

Current withstand	30 A continuous 500 A for 1 second
Maximum voltage	600 V
Contact resistance	$\leq 2 \text{ m}\Omega$
Dielectric withstand	3.0 kV RMS for 1 minute between adjacent contact pairs and between any contact pair and other metal parts 3.0 kV RMS for 1 minute between open contacts when test plug is inserted
Voltage impulse	3 positive and 3 negative impulses of 5 kV peak, 1.2/50 μs , 0.5 J between adjacent contact pairs and between all contact pairs and other metal parts
UL94 flammability class	V-0
Enclosure protection	IP20 (without optional cover)

FTS / FTP Test Blocks and Plugs are classified as electromagnetically benign and are therefore excluded from the scope of the European Community EMC Directive 2004/108/EC.

FTS / FTP Test Blocks and Plugs meet or exceed all requirements from ANSI / IEEE C37.90-2005.

SecuControl[®] www.secucontrol.com

North America
SecuControl, Inc.
2873 Duke Street
Alexandria, VA 22314, USA
ph: +1 703 838 7677
mail@secucontrol.com

Europe
SecuControl GmbH
Ascherslebener Str. 3
D-06333 Hettstedt, Germany
ph: +49 3476 550 022
info@secucontrol.com

South America
SecuBrasil Ltda
Rod. Jose Carlos Daux, 8600
88050-001 Florianopolis SC, Brazil
ph: +55 48 3371 1670
comercial@secubrasil.com