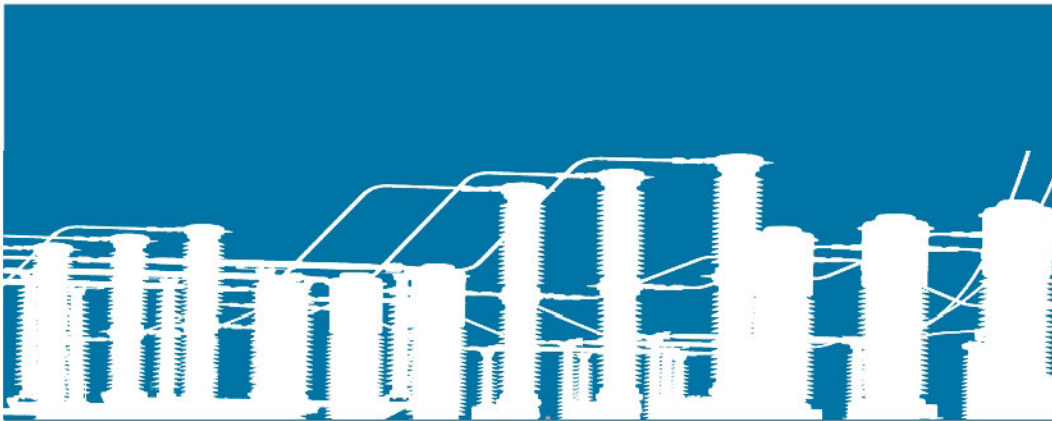


## FTL Test Block

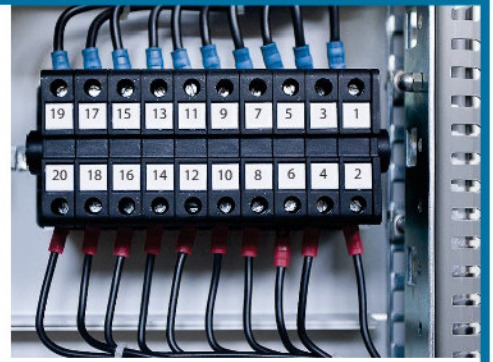


Testing Solutions  
for  
Electric Power



**FULLY INSULATED, LOW RESISTANCE  
FITS STANDARD FT SWITCH CUTOUTS**

Patented



The FTL 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 FTL Test Block uses Disconnect Pins to isolate the substation device from the system side equipment. Once isolated, secondary injection can be performed using banana jacks on the front side of the Test Block.

## Key Features

- Finger-safe Test Block and Disconnect Pins increase safety during testing.
- Disconnect Pins are keyed to the corresponding parts of the Test Blocks, preventing mistakes and errors during testing.
- Extremely low internal resistance ( $< 2 \text{ m}\Omega$ ) helps reduce heat inside cabinets and panels.
- Available in 4, 6, 8, 10, 12, 14, 16, 18 or 20 pole configurations.

## Technical Specifications

<b>Current withstand</b>	30 A continuous 500 A for 1 second
<b>Maximum voltage</b>	600 V
<b>Contact resistance</b>	$\leq 2 \text{ m}\Omega$
<b>Dielectric withstand</b>	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 pin is inserted
<b>Voltage impulse</b>	3 positive and 3 negative impulses of 5 kV peak, 1.2/50 $\mu\text{s}$ , 0.5 J between adjacent contact pairs and between all contact pairs and other metal parts
<b>UL94 flammability class</b>	V-0
<b>Enclosure protection</b>	IP 50

FTL Test Blocks have been classified as electromagnetically benign and are therefore excluded from the scope of the European Community Directive 2004/108/EC.

FTL meets or exceeds all requirements from ANSI / IEEE C37.90-2005

**SecuControl**<sup>®</sup>

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