# FT Flexitest™ Family

Switches, Covers and Test Plugs

ABB

FT Flexitest™ Family

Application

Setting the industry standard for many years, the ABB FT Flexitest™ Family provides a safe, simple, fast and reliable method in switchgear, breaker, relay, metering or industrial applications where in-service testing, isolation, calibration, or monitoring is required without de-powering panels.
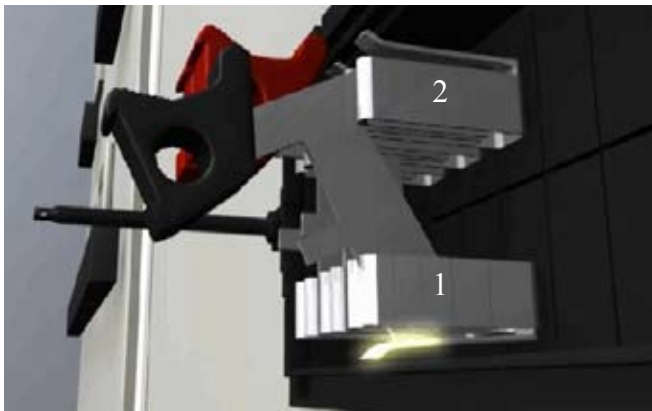
Make at (1) before Break at (2)

Features

Safety

- "Make before break" short circuit feature safely isolates equipment from current transformer circuits and is rated for 600V and 30A.
- Standards - UL recognized, 1E qualified switches, ISO9001 certified facility
- Security - Meter seal capability through either of the cover studs prevents unauthorized access to the switch with the cover on.

Quality and longevity - unsurpassed with over 50 years of field proven application and vigorous quality testing programs

Flexibility - Switches are available any combination of 10 or 14 current or potential circuits as well as in assemblies to meet customer's application needs.

Convenience - immediate access to relay or other device circuits without disconnecting any wiring

Technical support - 24 hours a day, 7 days a week

Short lead times - stock to two weeks maximum, emergencies shipped within 24 hours - sometimes same day

ABB Substation Automation and Protection relays and products are backed by a **12 year warranty.**

FT Flexitest™ Test Switches

These switches are available with either screw or stud connections and with a clear or black cover. The black cover is important when all switches must be closed otherwise it will not mount.

Clear cover benefits:
• Visible blade position allowing for open or closed switches
• Prevents exposure to energized blades

FT-1

Basic test switch
• 10 pole
• Rear Connections
• Standard Depth
• Shown with clear cover

FT-14

Test switch with extra poles
• 14 pole
• Rear Connections
• Standard Depth
• Shown with clear cover

FT-1F

May be mounted inside switchgear rather than onto the panel
• 10 pole
• Front Connections
• Standard Depth
• Shown without cover

FT-1X

Extended to match the depth of nearby equipment for easier wiring
• 10 pole
• Rear Connections
• Extended Depth (10'')
• Shown with clear cover

FT Flexitest™ Test Switch Assemblies

Test switch assemblies are on a pre-drilled 19" panel and come with up to 3 mounted FT switches. They can also be special ordered with meter and lockout switches. This allows for faster installation of the switches into switchgear.

FT-19R

• Has any combination of 3 FT-1 or FT-1X switches with up to 30 terminals
• 19" width
• Available in 2RU, 3RU and 4RUt and various colors/finishes
• Available with clear or black covers over each switch or as one long cover
• Has room for labels above each switch
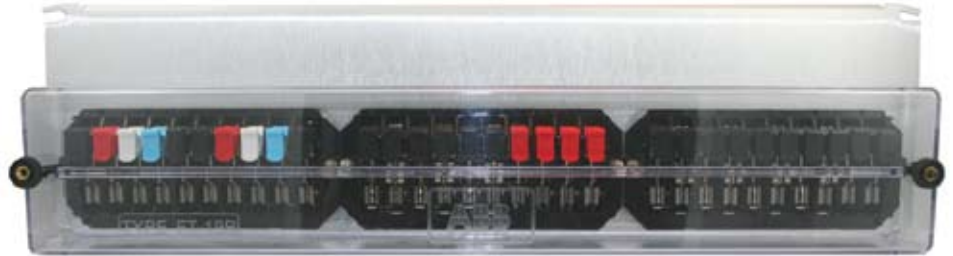
FT-19RS

• 19" width
• Available in 2RU, 3RU and 4RUt and various colors/finishes

Front View

Rear View

Possible configurations:

- 4 -
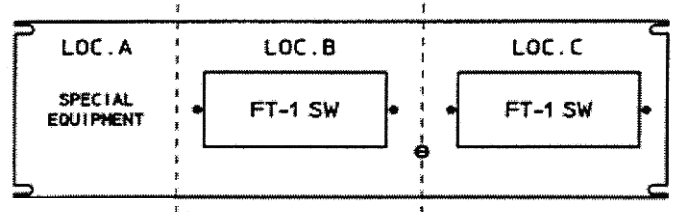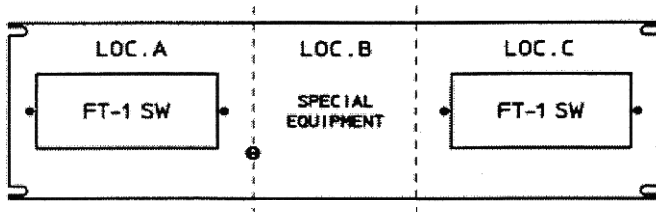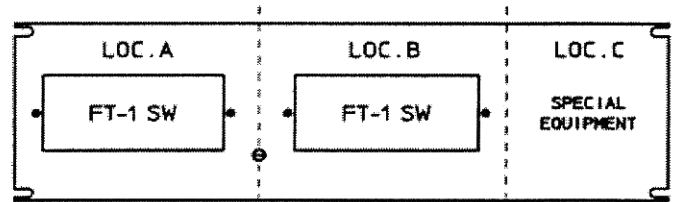
FT Flexitest™ Test Plugs and Kit

Test plugs fit into the test switches and facilitate testing. They are compatible with standard banana plugs, spade lugs, ring lugs, meter test probes and custom/standard cables and harnesses.

FT Individual Test Plug
• Single pole for in-service measurement
• Wires are welded to the test plug before using

FT Separate Source Test Plug
• Universal configuration
• Isolates all devices that are wired into the test switch

FT In-Service Test Plug
• Configured for specific FT switch (not universal)
• Isolation testing performed according to configuration

FT Test Kit
Convenient set of tools for testing of any FT switch
• Test plugs (Individual and Separate Source)
• Test clips
• Test probes
• Patch cords
• Carrying case

Customize an FT Switch at http://ft1switch.com

Visit the site to configure a switch and quickly get a style no. for ordering purposes.

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