

FT Flexitest™ switch

There is no equivalent

As the original FT switch manufacturer with the longest, most successful history, ABB Flexitest's unmatched quality is the benchmark for the industry

With more than 50 years of experience, ABB is the test switch manufacturer with the largest installed base in test switch technology. The perfected design of the ABB Flexitest test switch offers the highest quality, leaving nothing to chance. Due to the robust design and reliability, ABB has never charged for repair or replacement in the past 50 years. ABB Flexitest is the original FT - there is no equivalent.



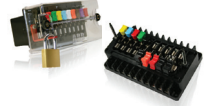






ABB introduced the FT switch and continues to be the leader in innovation. We were the first to offer:

- Clear covers that allow easier visual check on switch status
- Colored switch handles to simply identify circuits
- Rear extended switches for easier, faster access to wiring points
- 14-pole and 19" wide rack mounted test switch (FT-14 and FT-19R) to save space and installation time
- Patented 3-D white numbering on back of test switch allows for easier identification of poles
- Comprehensive family of test plugs including SafePlug™ – current test plug with open CT protection
- Online configurator to create and easily order your own, customized switches - www.ft1switch.com
- 24/7 customer and application engineering support at +1 800 222 1946
- 12-year standard warranty

Below is an overview comparing ABB's FT Flexitest™ to another vendor's switch.

	ABB FT Flexitest™ switch	Other vendor switch	Comments
Field Experience	50+ years	<25 years	ABB has the largest test switch installed base in North America
Lifespan	40 years	Not documented	
Certifications	Class 1E RoHS compliant Meets or exceeds all requirements of ANSI/IEEE standard C37.90 and UL certified	Meets or exceeds all requirements of ANSI/IEEE standard C37.90 and UL certified	ABB is the only test switch manufacturer with Class 1E Nuclear Plant certification and RoHS compliance
Terminal Resistance	1 mΩ	2.5 mΩ	The lower the resistance, the lower the point of saturation for the instrument transformer
Operational Life	Blade coining designed for minimal mechanical wear (resistive to contact welding)	No blade coining Electrical wear - contacts can arc/weld	
Cycle aging - open close for 1000 cycles	Plating shows signs of wear at 350 cycles. No further wear and no flaking	Plating shows signs of wear at 150 cycles and continues wearing out. Significant flaking present	ABB FT Flexitest™ switch is more resistant to wear caused by cycling from open to closed
Leadtime	1 week or less (48 hours upon request)	15 days	

FT switch technology timeline

	2015	ABB celebrates 50 year anniversary of the FT Flexitest™ switch (2015)	
Fully automated assembly process (2014)			
		ABB introduced SafePlug, white raised 3-D numbering on back of switches, and FT labels available for all switch types (2009)	
Online configuration tool www.ft1switch.com introduced (2007)		Front-connected FT-1F and padlock safety feature introduced (2006)	
	2005	ABB utilizes fully automated production line for all switches, patents FT-19RX, and introduces rear-extended FT-1X switch (2004)	
FT-14 switch introduced and becomes CSA Certified (2005)		ABB introduces clear covers for FT-1 (2001)	
ABB introduces individual clear covers on FT-19R panel and 12 year product warranty (2003)			
	1995	ABB introduces colored switch handles (1995)	
ABB introduces FT-19R (1996)			
ABB acquires Westinghouse operations in Coral Springs, FL (1991)	1985	UL certification obtained (1986)	
Westinghouse moves operations to Coral Springs, FL (1978)		Class 1E certified switches available (1978)	
	1975		
Westinghouse offers current shorting spring pole option (1965)	1965	Westinghouse creates first FT-switch (1964)	

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