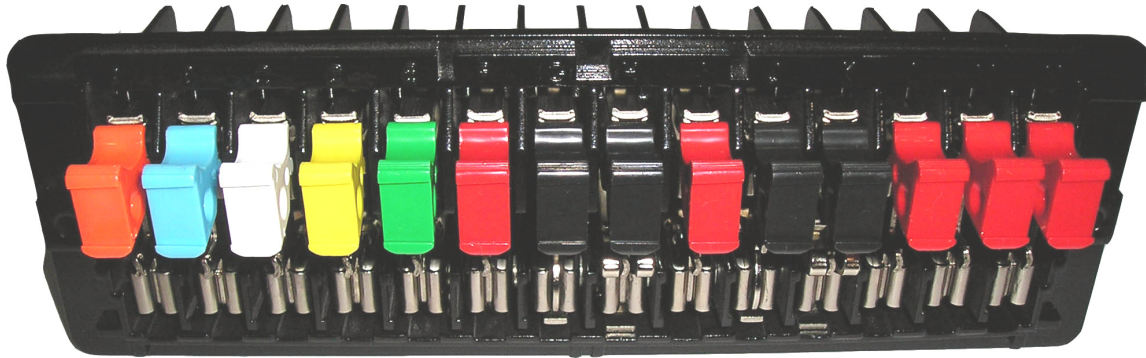


Flexitest™ Switch Type FT-14

Addendum to DB 41-077
Effective: November 2005



Introducing FT-14

FT-14 is the newest addition to ABB's FT line of Flexitest Switches providing the same features and reliability as FT-1 but with a maximum of 14 individual poles. Although supplying 40% more capacity than the FT-1, the new FT-14 only requires 18% more space. FT test switches provide a cost-effective means to wire the output of relays, meters, and other associated equipment to external devices for in-service testing, and have been an industry standard for many years.

Specifications

- 600 Volts, 30 Amps
- UL recognized
- Meets or exceeds all requirements of ANSI/IEEE Standard C37-90 and IEC 255-5
- Backed by a 12 year warranty
- Net weight/Shipping weight: 3.25 lbs, 1.5 Kg.
- Shipping dimensions: 9 1/2 x 7 x 9

Construction

FT-14 is available in any combination of 1 to 14 potential, current, or current shorting poles. The base is made of the same molded polycarbonate material as FT-1, providing a tough insulated enclosure. Molded barriers separate the switch units from one another.

Cover

All FT-14 styles come with a clear cover, which allows the option of intentionally leaving switch handles in the open position with cover in place. The clear cover also provides the meter seal feature in order to comply with tag and lockout procedures. The meter seal can be installed with switch handles in open or closed positions.

Reference

For additional information on FT-1 Type Flexitest Switches, FT Test Plugs, and related accessories see Descriptive Bulletin 41-077.





FT-14 Ordering Information

Complete Smart Number	Flexitest Switch	Base Type	Depth	No. of Poles	Terminal Connections	No. of Potential Poles	Cover	Special Features	Code No.
FT4A14T14CN4001	FT	4	A	14	T	14	C	N	4001

Base Type:

4 = FT-14

Depth:

A = Standard depth (rear connected)

No. of Poles:

01-14 = Total number of poles used

Terminals:

T = Standard screw terminals

S = Stud & nut terminals

No. of Potentials:

01-14 = Total number of Potential poles used (see Description of Poles)

Cover:

C = Clear cover

Special Features:

N = None

Code No:

4001-4999 = Unique FT14 Code Number assigned by the factory

Description of Poles

Pole Designation		Handle Color	Description
Potential:	P	Black	Potential
	T	Red	
	G	Green	
	Y	Yellow	
	Z	Blue	
	W	White	
	O	Orange	
Current:	C	Black	Current Non-shorting, with test jack and blade
	R	Red	
	5	Green	
	6	Yellow	
	7	Blue	
	8	White	
	9	Orange	
Current Shorting: †	C-C	Black ††	Current shorting (make-before-break), with test jack and blade
	C-A		Current shorting (make-before-break), with blade only
	C-B		Current shorting (make-before-break), with stud only
	C-D		Current shorting (make-before-break), with test jack only
	C-E		Current shorting (make-before-break), with shorting blade only

† = Current shorting poles are also available spanning up to 5 positions (ex: C-C-C-C-C).

†† = Current shorting poles are also available with any color handle, by substituting appropriate current pole designation (ex: 5-5, 8-6, C-9, 5-R).

FT-14 Switch Selection Guide

No. POLES	POTEN	CURR	POLE ARRANGEMENT														STYLE	CODE
			A	B	C	D	E	F	G	H	I	J	K	L	M	N		
14	14	0	P	P	G	Y	Z	Z	T	T	T	T	T	T	T	T	FT4A14T14CN4017	4017
14	14	0	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9689A92G01	4001
14	14	0	T	T	T	T	T	T	T	T	T	T	T	T	T	T	FT4A14T14CN4018	4018
14	8	6	C	-C	C	-C	C	-C	P	P	P	P	T	T	T	T	FT4A14T08CN4021	4021
14	8	6	C	-C	C	-C	C	-C	T	T	T	T	P	P	P	P	FT4A14T08CN4022	4022
14	8	6	C	-C	C	-C	C	-C	T	T	T	T	T	T	T	T	FT4A14T08CN4023	4023
14	8	6	C	-C	C	-C	C	-C	T	T	T	T	Y	Y	Y	Y	FT4A14T08CN4024	4024
14	8	6	C	-C	C	-C	C	-C	T	T	Y	Y	Y	Y	Y	Y	FT4A14T08CN4025	4025
14	8	6	C	-C	C	-C	C	-C	Z	Z	Z	Y	Y	Y	Y	Y	FT4A14T08CN4026	4026
14	8	6	C	-C	C	-C	C	-C	Z	Z	Z	Z	T	T	Y	Y	FT4A14T08CN4027	4027
14	8	6	P	P	P	C	-C	C	-C	C	-C	P	P	P	P	P	9689A93G01	4003
14	8	6	P	P	P	C	-C	C	-C	C	-C	P	T	P	P	P	FT4A14T08CN4028	4028
14	8	6	T	T	T	C	-C	C	-C	C	-C	T	T	T	T	T	FT4A14T08CN4030	4030
14	8	6	T	T	T	C	-C	C	-C	C	-C	W	G	O	Y	Z	FT4A14T08CN4031	4031
14	8	6	T	T	T	T	C	-C	C	-C	C	-C	T	T	T	T	FT4A14T08CN4032	4032
14	7	7	P	P	P	P	P	P	P	C	-C	C	-C	C	-C	C	FT4A14T07CN4033	4033
14	7	7	P	P	T	T	P	P	P	C	-C	C	-C	C	-C	C	FT4A14T07CN4034	4034
14	6	8	C	-C	C	-C	C	-C	C	-C	P	P	P	P	T	T	FT4A14T06CN4035	4035
14	6	8	C	-C	C	-C	C	-C	C	-C	T	T	P	P	P	P	FT4A14T06CN4036	4036
14	6	8	C	-C	C	-C	C	-C	C	-C	T	T	T	T	T	T	FT4A14T06CN4037	4037
14	6	8	C	-C	C	-C	C	-C	C	-C	T	Y	Y	Y	Y	Y	FT4A14T06CN4038	4038
14	6	8	C	-C	C	-C	C	-C	C	-C	Z	Z	Z	Y	Y	Y	FT4A14T06CN4040	4040
14	6	8	P	C	-C	C	-C	C	-C	C	-C	P	P	P	P	P	9689A94G01	4002
14	6	8	P	P	O	O	O	O	R	-R	6-6	7-7	8-8				FT4A14T06CN4043	4043
14	6	8	P	P	P	C	-C	C	-C	C	-C	C	-C	P	P	P	FT4A14T06CN4044	4044
14	6	8	P	P	P	P	C	-C	C	-C	C	-C	C	-C	T	T	FT4A14T06CN4045	4045
14	6	8	P	P	P	P	P	P	C	-C	C	-C	C	-C	C	-C	FT4A14T06CN4046	4046
14	6	8	T	C	-C	T	C	-C	T	C	-C	T	C	-C	T	T	FT4A14T06CN4048	4048
14	6	8	T	T	T	C	-C	C	-C	C	-C	8-8	W	P	P		FT4A14T06CN4049	4049
14	6	8	T	T	T	C	-C	C	-C	C	-C	C	-C	T	T	T	FT4A14T06CN4050	4050
14	6	8	T	T	T	C	-C	C	-C	C	-C	T	C	-C	T	T	FT4A14T06CN4051	4051
14	6	8	T	T	T	T	C	-C	C	-C	C	-C	C	-C	T	T	FT4A14T06CN4052	4052
14	6	8	T	T	T	T	T	T	C	-C	C	-C	C	-C	C	-C	FT4A14T06CN4053	4053
14	6	8	T	T	T	T	Z	Z	C	-C	C	-C	C	-C	C	-C	FT4A14T06CN4054	4054
14	6	8	T	T	T	Z	Z	Z	C	-C	C	-C	C	-C	C	-C	FT4A14T06CN4055	4055
14	6	8	Z	Z	Z	Z	Z	Z	C	-C	C	-C	C	-C	C	-C	FT4A14T06CN4056	4056
14	5	9	T	P	P	P	P	C	-C	C	-C	C	-C	C	-C	C	FT4A14T05CN4057	4057
14	4	10	9-9	9-9	9-9	9-9	Z	Z	Z	9-9	9-9	9-9	Z				FT4A14T04CN4058	4058
14	4	10	P	P	C	-C	C	-C	Z	C	-C	C	-C	P	P		FT4A14T04CN4059	4059
14	2	12	9-9	9-9	9-9	9-9	9-9	Z	9-9	9-9	9-9	Z					FT4A14T02CN4060	4060
14	2	12	C	-C	C	-C	C	-C	C	-C	C	-C	C	-C	T	T	FT4A14T02CN4061	4061
14	2	12	T	T	C	-C	C	-C	C	-C	C	-C	C	-C	C	-C	FT4A14T02CN4062	4062
14	0	14	C	-C	C	-C	C	-C	C	-C	C	-C	C	-C	C	-C	FT4A14T00CN4063	4063
13	13	0	T	T	T	T	T	T	T	T	T	T	T	T	T	T	FT4A13T13CN4015	4015
12	12	0	P	P	P	P	P	P	P	P	P	P	P	P	P	P	FT4A12T12CN4007	4007
12	12	0	T	T	T	T	T	T	T	T	T	T	T	T	T	T	FT4A12T12CN4008	4008
12	4	8	C	-C	C	-C	C	-C	C	-C	T	P	P				FT4A12T04CN4011	4011
12	4	8	C	-C	C	-C	C	-C	C	-C	Z	Z	Z				FT4A12T04CN4012	4012
12	4	8	T	T	T	W			C	-C	C	-C	C	-C	C	-C	FT4A12T04CN4013	4013
12	4	8		C	-C	C	-C	C	-C	C	-C	T	T	T			FT4A12T04CN4010	4010
12	0	12	C	-C	C	-C	C	-C	C	-C	C	-C	C	-C			FT4A12T00CN4014	4014
11	11	0	T	T	T	T	T	T	T	T	T	T	T				FT4A11T11CN4004	4004
11	3	8	C	-C	C	-C	C	-C	C	-C	Z	Z	Z				FT4A11T03CN4006	4006

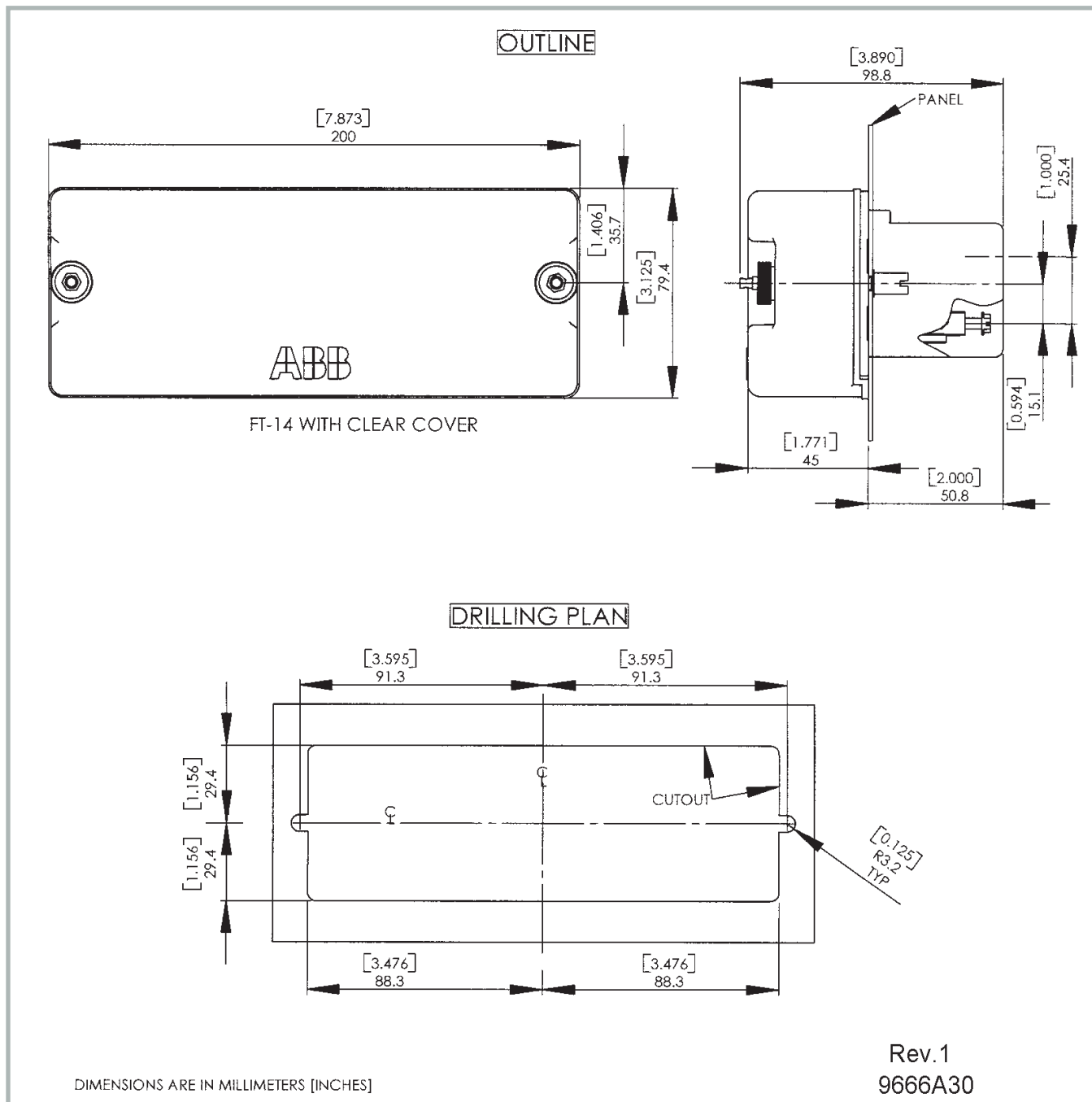


Fig. 1 FT-14 Flexitest Switch Outline and Drilling Plan



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