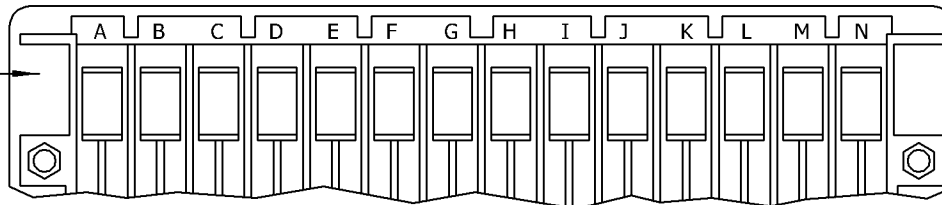


# TYPE FT-14 FLEXITEST SWITCH, SWITCH ARRANGEMENT & INTERNAL SCHEMATIC

REF.  
14 POS SW.  
UPPER SECTION  
FRONT VIEW  
(CVR REMOVED)

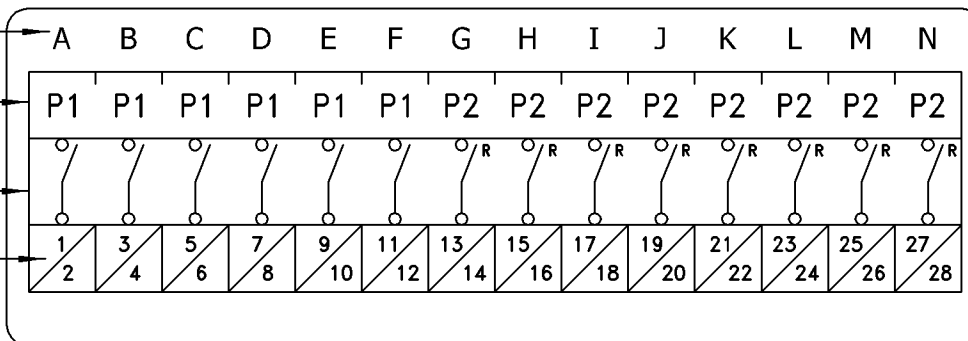


**STYLE No:**  
**FT4A14T14CN4173**

**CODE No:** 4173

**CLASS 1E:** NO

POLE  
POSITIONS  
SWITCH  
ARRANGEMENT  
INTERNAL  
SCHEMATIC  
TERMINAL NO.s  
(REAR OF SW)



No. POLES: 14

No. POTEN's: 14

No. CURR's: 0

TIE BARS: NONE

DRILL PLAN: 9666A30

INT SCH: 94A4173

**ARRANGEMENT: P P P P P P T T T T T T T T**

Table 1 - Description of Poles for FT Flexitest Switches

Pole Type	Pole Designation	Handle Color	Description & Schematic Symbol	
Potential	P1	P	Black <sup>†</sup> Potential, non-shorting blade.	
Current	C1	C	Black <sup>†</sup> Current, non-shorting, with test jack and blade.	
Current <sup>††</sup> Shorting	C1-C1	C-C	Black <sup>†</sup> Current shorting (make-before-break), with test jack and blade.	
	C1-A1	C-A		Current shorting (make-before-break), with blade only.
	C1-B0	C-B		Current shorting (make-before-break), with stud only.
	C1-D0	C-D		Current shorting (make-before-break), with test jack only.
	C1-E1	C-E		Current shorting (make-before-break), with shorting blade only.
	C1-S0	C-S		Current shorting (make-before-break), with fixed shorting strap.
Other	D0	D	None Current test jack, no blade.	
	S0	S	None Fixed shorting strap.	
	X0	X	None Empty pole position.	

Table 2 - Handle Colors

Pole Type	Pole Designation	Handle Color	
Potential	P1	P	Black
	P2	T	Red
	P3	H	Brown
	P4	V	Purple
	P5	G	Green
	P6	Y	Yellow
	P7	Z	Blue
	P8	W	White
	P9	O	Orange
Current	C1	C	Black
	C2	R	Red
	C3	3	Brown
	C4	4	Purple
	C5	5	Green
	C6	6	Yellow
	C7	7	Blue
	C8	8	White
	C9	9	Orange

**TEST PLUGS:**

**INDIVIDUAL CURRENT CIRCUIT TEST PLUG.**  
STYLE No: 7B4618G04

**SEPARATE SOURCE TEST PLUG (14 POS).**  
STYLE No: 1355D32G04

**IN-SERVICE SERIES TEST PLUG.**  
STYLE No: NONE

† = See Table 2 for complete list of color handles.  
†† = Current shorting poles can span up to 5 positions, and can have any combination of color handles (ex: C1-C7-C5-C2-A4).

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	SOFTWARE TYPE: AUTOCAD 2006	CHKR/DATE: M.Uriguen 3/12/2009			
	ENG. REF: MFG DWG: FT14-4173 GEN DWG: 1619C94	APPR/DATE: Tim Masters 3/12/2009			
	TITLE: <b>FT-14 SWITCH POLE ARRANGEMENT &amp; INT SCH</b>		© Copyright 2008 ABB All rights reserved	SIZE: <b>A</b>	DWG. NO: <b>94A4173</b>
ABB Protective Relays and Switches, Coral Springs Fl, U.S.A.		SCALE: NONE		SHEET 1 OF 1	