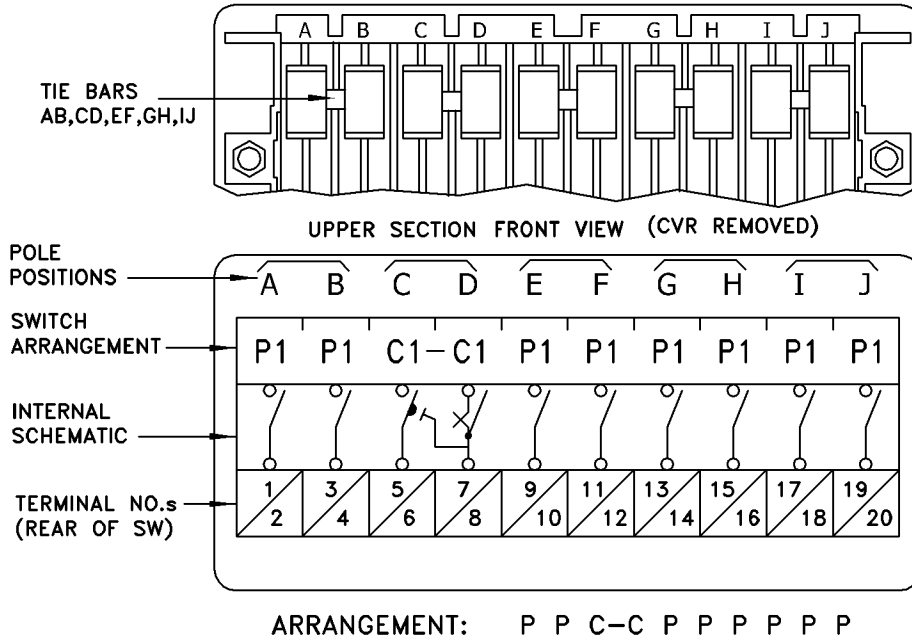


TYPE FT-1 FLEXITEST SWITCH, SWITCH ARRANGEMENT & INTERNAL SCHEMATIC



STYLE No: 991AB34G01

CODE No: B34

CLASS 1E: NO

No. POLES: 10

No. POTENTIALS: 8

No. CURRENTS: 2

TIE BARS: AB,CD,EF,GH,IJ

DRILL PLAN: 129A500

INT SCHEMATIC: 991AB34

Table 1 - Description of Poles for FT Flexitest Switches

Pole Type	Pole Designation	Handle Color	Description & Schematic Symbol
Potential	P1	P	Black [†] Potential, non-shorting blade.
Current	C1	C	Black [†] Current, non-shorting, with test jack and blade.
Current †† Shorting	C1-C1	C-C	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.

† = 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).

Table 2 – Handle Colors

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

TEST PLUGS:

INDIVIDUAL CURRENT CIRCUIT TEST PLUG.
STYLE No: 7B4618G04

SEPARATE SOURCE TEST PLUG (10 POS).
STYLE No: 1164046

IN-SERVICE SERIES TEST PLUG.
STYLE No: NONE

1 ECO EM2008-1212	The information contained in this document has to be kept strictly confidential. Any unauthorized use, reproduction, distribution or disclosure to third parties is strictly forbidden. ABB reserves all rights regarding Intellectual Property Rights.	DTR/DATE: R.Novoseletsky 1/5/2009				
	SOFTWARE TYPE: AUTOCAD 2006	CHKR/DATE: M.Uriguen 1/5/2009				
	ENG. REF: MFG DWG: FT1-B34 GEN DWG: 1616C24	APPR/DATE: Tim Masters 1/5/2009				
	ABB Protective Relays and Switches, Coral Springs Fl, U.S.A.		TITTLE: FT-1 SWITCH POLE ARRANGEMENT & INT SCH	© Copyright 2008 ABB All rights reserved	SIZE: A	DWG. NO: 991AB34
			SCALE: NONE	SHEET 1 OF 1		