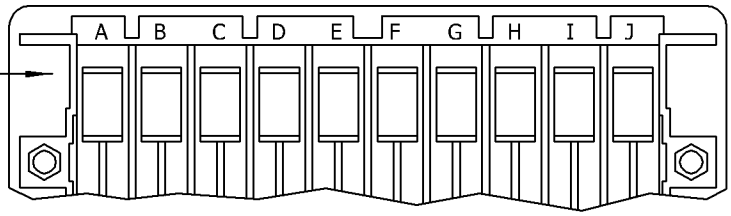
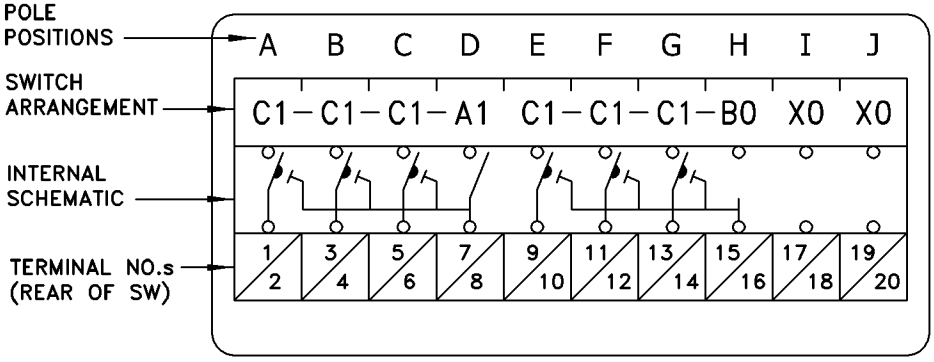
TYPE FT-1 FLEXITEST SWITCH, SWITCH ARRANGEMENT & INTERNAL SCHEMATIC

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





ARRANGEMENT: C–C–C–A C–C–C–B X X

STYLE No: **837A099G01**

CODE No: **419**

CLASS 1E: **NO**

No. POLES:	8
No. POTENTIALS:	0
No. CURRENTS:	8
TIE BARS:	NONE
DRILL PLAN:	129A500
INT SCHEMATIC:	991A419

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**	Black †	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**	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 (10 POS).
STYLE No: 1164046

IN–SERVICE SERIES TEST PLUG.
STYLE No: NONE

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DFTR/DATE:	M.Uriguen 4/3/2008
CHKR/DATE:	M.Uriguen 4/3/2008
APPR/DATE:	Tim Masters 4/3/2008
TITLE:	FT-1 SWITCH POLE ARRANGEMENT & INT SCH
SOFTWARE TYPE:	AUTOCAD 2006
ENG. REF:	MFG DWG: 100R961 GEN DWG: 1616C24
©	Copyright 2008 ABB All rights reserved
SIZE	A
DWG. NO:	991A419
REV:	1
SCALE:	NONE
SHEET	1 OF 1

ABB Protective Relays and Switches, Coral Springs Fl, U.S.A.

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