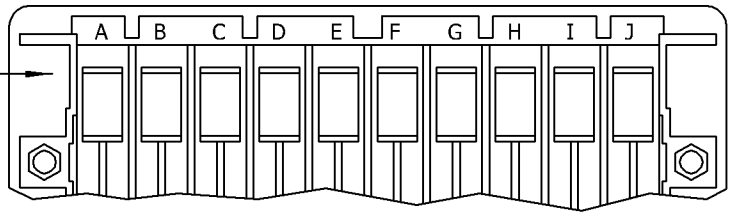
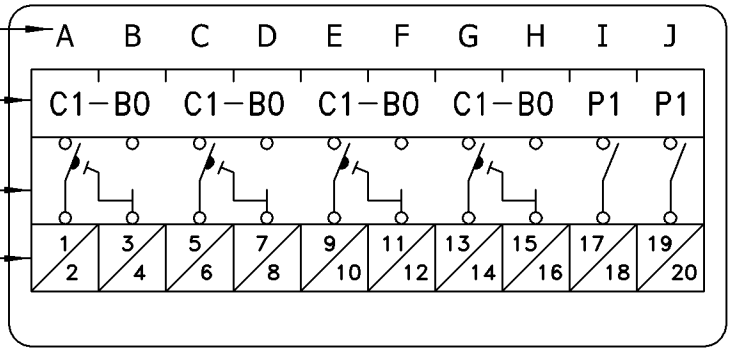
TYPE FT-1 FLEXITEST SWITCH, SWITCH ARRANGEMENT & INTERNAL SCHEMATIC

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



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



ARRANGEMENT: C–B C–B C–B C–B P P

STYLE No: **991A942G01**

CODE No: **942**

CLASS 1E: **NO**

No. POLES:	10
No. POTENTIALS:	2
No. CURRENTS:	8
TIE BARS:	NONE
DRILL PLAN:	129A500
INT SCHEMATIC:	991A942

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

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.

DFTR/DATE:	R.Novoseletsky 9/27/2007
CHKR/DATE:	M.Uriguen 9/27/2007
APPR/DATE:	Tim Masters 9/27/2007
TITLE:	FT-1 SWITCH POLE ARRANGEMENT & INT SCH
SOFTWARE TYPE:	AUTOCAD 2006
ENG. REF:	MFG DWG: FT1-942 GEN DWG: 1616C24
SIZE	A
DWG. NO:	991A942
REV:	1
SCALE:	NONE
SHEET	1 OF 1

© Copyright 2007 ABB
All rights reserved

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

ECO EM2007-1079 1