

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

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

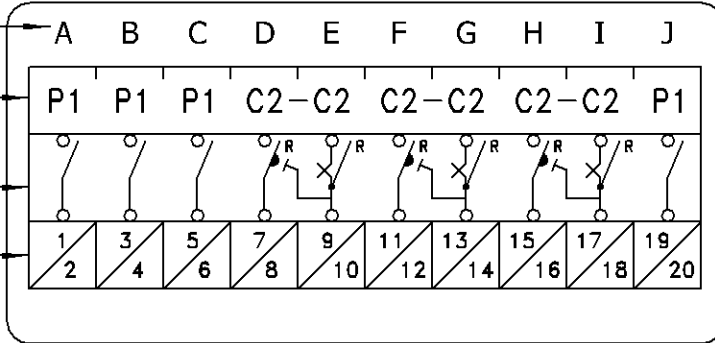


POLE POSITIONS

SWITCH ARRANGEMENT

INTERNAL SCHEMATIC

TERMINAL NO.s
(REAR OF SW)



ARRANGEMENT: P P P R-R R-R R-R P

STYLE No: 1586C42G03

CODE No: 288

CLASS 1E: NO

No. POLES: 10

No. POTENTIALS: 4

No. CURRENTS: 6

TIE BARS: NONE

DRILL PLAN: 129A500

INT SCHEMATIC: 991A288

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 [†]	
	C1-A1	C-A		Current shorting (make-before-break), with test jack and blade.
	C1-B0	C-B		Current shorting (make-before-break), with blade only.
	C1-D0	C-D		Current shorting (make-before-break), with stud only.
	C1-E1	C-E		Current shorting (make-before-break), with test jack only.
	C1-S0	C-S		Current shorting (make-before-break), with shorting blade only.
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: 292B319G23

ECO EM2007-1099 1

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.

SOFTWARE TYPE:
AUTOCAD 2006

ENG. REF: MFG DWG: 101R580
GEN DWG: 1616C24

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**

© Copyright 2008 ABB
All rights reserved

SIZE
A

DWG. NO:
991A288
REV:
1

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

SCALE: NONE SHEET 1 OF 1

