

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

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

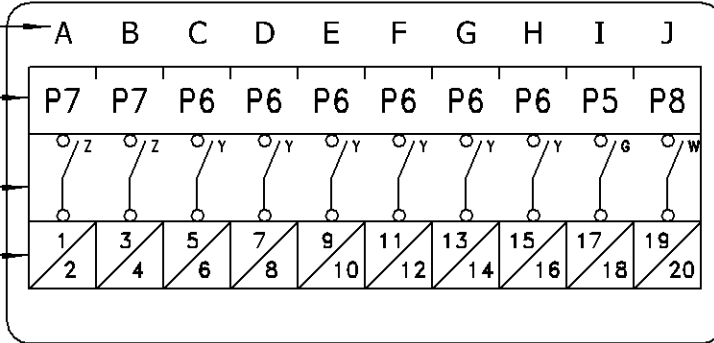


POLE POSITIONS

SWITCH ARRANGEMENT

INTERNAL SCHEMATIC

TERMINAL NO.s  
(REAR OF SW)



ARRANGEMENT:    Z Z Y Y Y Y Y Y G W

**STYLE No:**            9663A41G01

**CODE No:**            279

**CLASS 1E:**            NO

No. POLES:            10

No. POTENTIALS:    10

No. CURRENTS:       0

TIE BARS:             NONE

DRILL PLAN:          129A500

INT SCHEMATIC:      991A279

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 †† 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 (10 POS).**  
STYLE No: 1164046

**IN-SERVICE SERIES TEST PLUG.**  
STYLE No: 129A062G10

ECO EM2007-1099 1

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SOFTWARE TYPE:  
AUTOCAD 2006

ENG. REF: MFG DWG: 101R701  
GEN DWG: 1616C24

DFTRIDATE: M.Uriguen 4/3/2008

CHKR/DATE: M.Uriguen 4/3/2008

APPRDATE: Tim Masters 4/3/2008

TITLE:  
**FT-1 SWITCH  
POLE ARRANGEMENT & INT SCH**

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SIZE: **A**    DWG. NO: **991A279**    REV: **1**

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

SCALE: **NONE**    SHEET 1 OF 1

