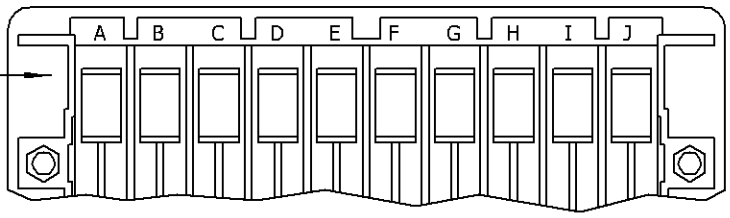
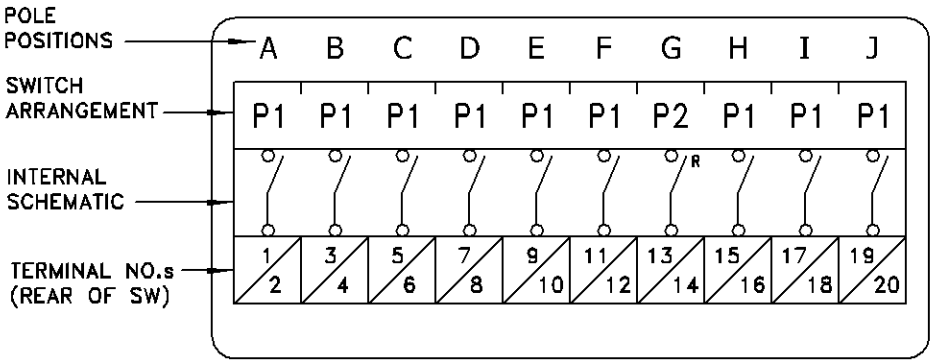
TYPE FT-1 FLEXITEST SWITCH, SWITCH ARRANGEMENT & INTERNAL SCHEMATIC

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





ARRANGEMENT: P P P P P P T P P P

STYLE No: **1586C42G29**

CODE No: **245**

CLASS 1E: **NO**

No. POLES:	10
No. POTENTIALS:	10
No. CURRENTS:	0
TIE BARS:	NONE
DRILL PLAN:	129A500
INT SCHEMATIC:	991A245

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: 129A062G10

ECO EM2007-1099 | 1

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SOFTWARE TYPE: AUTOCAD 2006

ENG. REF: MFG DWG: 101R663
GEN DWG: 1616C24

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

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

SIZE: A
DWG. NO: 991A245
REV: 1
SCALE: NONE
SHEET 1 OF 1