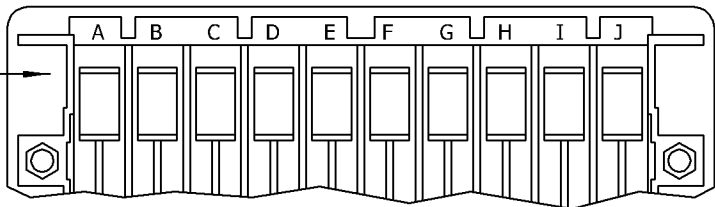


TYPE FT-1 FLEXITEST SWITCH, SWITCH ARRANGEMENT & INTERNAL SCHEMATIC

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



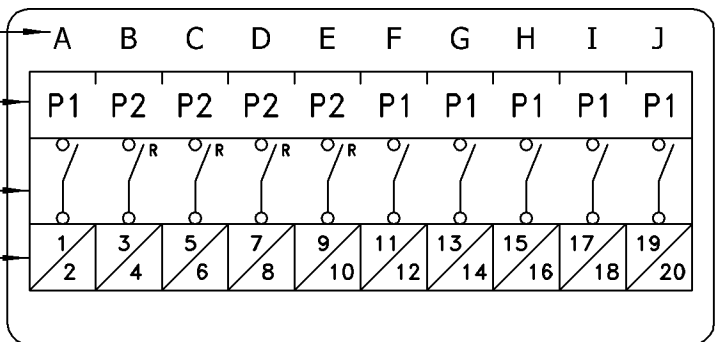
STYLE No: 991AC08G01
CODE No: C08
CLASS 1E: NO

POLE
POSITIONS

SWITCH
ARRANGEMENT

INTERNAL
SCHEMATIC

TERMINAL NO.s
(REAR OF SW)



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

No. POLES: 10
No. POTENTIALS: 10
No. CURRENTS: 0
TIE BARS: NONE
DRILL PLAN: 129A500
INT SCHEMATIC: 991AC08

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	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
	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: 129A062G10

1 ECO EM2008-1256	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.	DTR/DATE: R.Novoseletsky 5/15/2009			
	SOFTWARE TYPE: AUTOCAD 2006	CHKR/DATE: M.Uriguen 5/15/2009			
	ENG. REF: MFG DWG: FT1-C08 GEN DWG: 1616C24	APPR/DATE: Tim Masters 5/15/2009			
	ABB Protective Relays and Switches, Coral Springs Fl, U.S.A.		TITLE: FT-1 SWITCH POLE ARRANGEMENT & INT SCH	SIZE: A	DWG. NO: 991AC08
		© Copyright 2008 ABB All rights reserved	SCALE: NONE	SHEET 1 OF 1	