

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

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

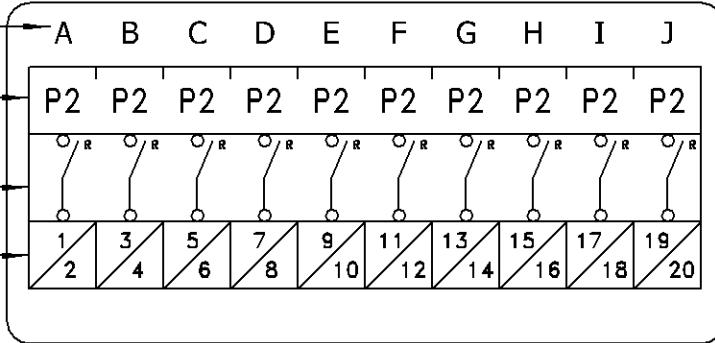


POLE
POSITIONS

SWITCH
ARRANGEMENT

INTERNAL
SCHEMATIC

TERMINAL NO.s
(REAR OF SW)



ARRANGEMENT: T T T T T T T T T T

STYLE No: AI571B616G09

CODE No: 546

CLASS 1E: NO

No. POLES: 10

No. POTENTIALS: 10

No. CURRENTS: 0

TIE BARS: SPECIAL *

DRILL PLAN: 129A500

INT SCHEMATIC: 991A546

* = SHIPS WITH 4 LOOSE 2 POS TIE BARS

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: 129A062G10

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: 100R874
 GEN DWG: 1507B49

DATE: M.Uriguen 4/3/2008
 CHK: M.Uriguen 4/3/2008
 APP: Tim Masters 4/3/2008



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

© Copyright 2008 ABB
 All rights reserved
 SIZE: A
 DWG. NO: 991A546
 REV: 1