

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

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

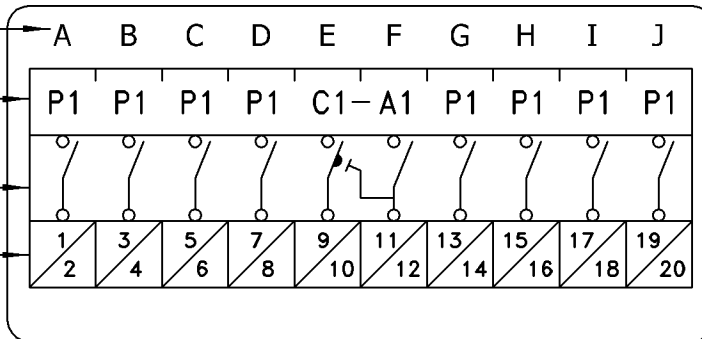


POLE
POSITIONS

SWITCH
ARRANGEMENT

INTERNAL
SCHEMATIC

TERMINAL NO.s
(REAR OF SW)



ARRANGEMENT: P P P P C-A P P P P

STYLE No: 991AC14G01

CODE No: C14

CLASS 1E: NO

No. POLES: 10

No. POTENTIALS: 8

No. CURRENTS: 2

TIE BARS: NONE

DRILL PLAN: 129A500

INT SCHEMATIC: 991AC14

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 |
| | 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: NONE

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ECO EM2008-1256

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SOFTWARE TYPE:
AUTOCAD 2006

ENG. REF: MFG DWG: FT1-C14
GEN DWG: 1616C24

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

DTTR/DATE: R.Novoseletsky 5/15/2009

CHKR/DATE: M.Uriguen 5/15/2009

APPR/DATE: Tim Masters 5/15/2009



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

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SIZE:
A

DWG. NO:
991AC14

REV:
1

SCALE: NONE SHEET 1 OF 1