

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

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



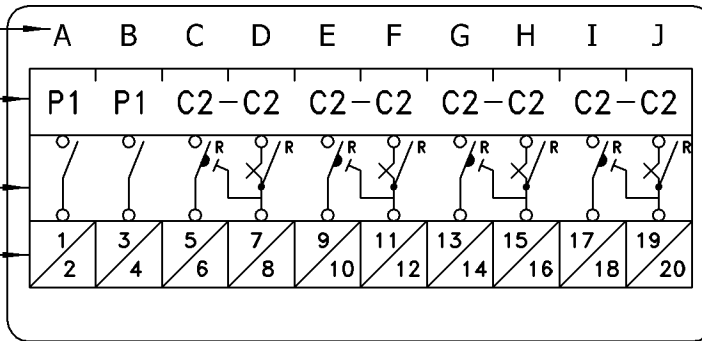
STYLE No: 991AB43G01
CODE No: B43
CLASS 1E: NO

POLE
POSITIONS

SWITCH
ARRANGEMENT

INTERNAL
SCHEMATIC

TERMINAL NO.s
(REAR OF SW)



No. POLES: 10
No. POTENTIALS: 2
No. CURRENTS: 8
TIE BARS: NONE
DRILL PLAN: 129A500
INT SCHEMATIC: 991AB43

ARRANGEMENT: P P R-R R-R R-R R-R

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: NONE

| | | | | | |
|----------------------|--|---|-------------------|----------------------------|------------------|
| 1 ECO EM2008-1222 | 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 2/5/2009 CHKR/DATE: M.Uriguen 2/5/2009 APPR/DATE: Tim Masters 2/5/2009 | | | |
| | SOFTWARE TYPE: AUTOCAD 2006 | TITLE: FT-1 SWITCH POLE ARRANGEMENT & INT SCH | | | |
| | ENG. REF: MFG DWG: FT1-B43 GEN DWG: 1616C24 | © Copyright 2008 ABB All rights reserved | SIZE: A | DWG. NO: 991AB43 | REV: 1 |
| | ABB Protective Relays and Switches, Coral Springs Fl, U.S.A. | | SCALE: NONE | SHEET 1 OF 1 | |