

TYPE FT-14 FLEXITEST SWITCH, SWITCH ARRANGEMENT & INTERNAL SCHEMATIC

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

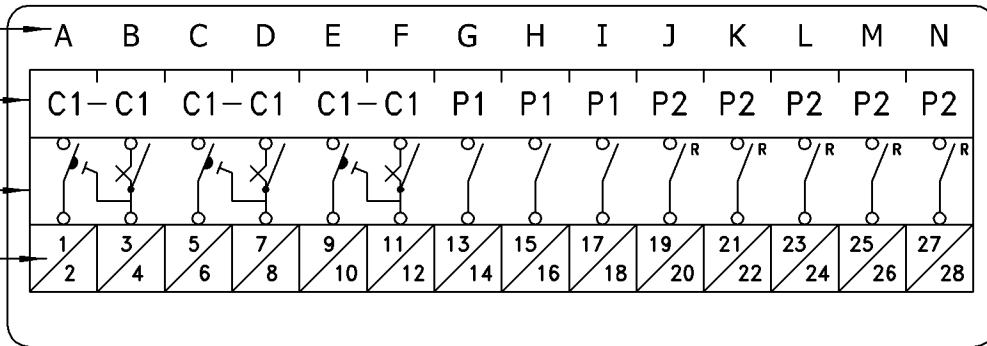


STYLE No:
FT4A14T08CN4077

CODE No: 4077

CLASS 1E: NO

POLE
POSITIONS
SWITCH
ARRANGEMENT
INTERNAL
SCHEMATIC
TERMINAL NO.s
(REAR OF SW)



No. POLES: 14
No. POTEN's: 8
No. CURR's: 6
TIE BARS: NONE
DRILL PLAN: 9666A30
INT SCH: 94A4077

ARRANGEMENT: C-C C-C C-C P P P T T T T

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. |

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 (14 POS).
STYLE No: 1355D32G04

IN-SERVICE SERIES TEST PLUG.
STYLE No: NONE

† = 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).

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|--|--|---------------------------------|----------------|----------------------------|
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| | SOFTWARE TYPE: AUTOCAD 2006 | CHKR/DATE: M.Uriguen 4/3/2008 | | |
| | ENG. REF: MFG DWG: FT14-4077 GEN DWG: 1619C94 | APPR/DATE: Tim Masters 4/3/2008 | | |
| | TITLE: FT-14 SWITCH POLE ARRANGEMENT & INT SCH | | SIZE: A | DWG. NO: 94A4077 |
| | © Copyright 2008 ABB All rights reserved | | SCALE: NONE | REV: 2 |
| ABB Protective Relays and Switches, Coral Springs FL, U.S.A. | | SHEET 1 OF 1 | | |