

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

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

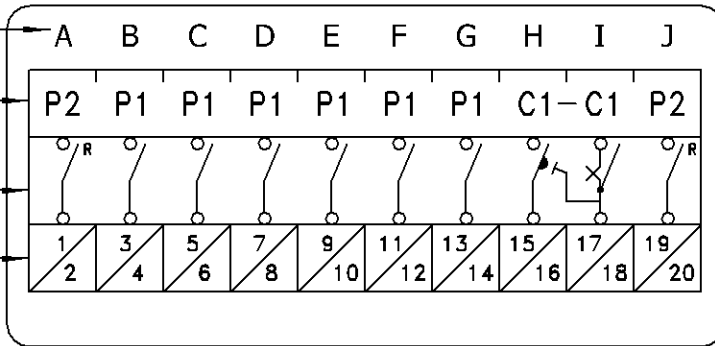


POLE
POSITIONS

SWITCH
ARRANGEMENT

INTERNAL
SCHEMATIC

TERMINAL NO.s
(REAR OF SW)



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

STYLE No: 1586C42G26

CODE No: 215

CLASS 1E: NO

No. POLES: 10

No. POTENTIALS: 8

No. CURRENTS: 2

TIE BARS: NONE

DRILL PLAN: 129A500

INT SCHEMATIC: 991A215

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	Black [†] Current shorting (make-before-break), with blade only.
	C1-B0	C-B	Black [†] Current shorting (make-before-break), with stud only.
	C1-D0	C-D	Black [†] Current shorting (make-before-break), with test jack only.
	C1-E1	C-E	Black [†] Current shorting (make-before-break), with shorting blade only.
	C1-S0	C-S	Black [†] 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: 129A062G01

ECO EM2007-1099 1

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SOFTWARE TYPE:
AUTOCAD 2006

ENG. REF: MFG DWG: 101R660
GEN DWG: 1616C24

DATE: M. Uriguen 4/3/2008
CHKR/DATE: M. Uriguen 4/3/2008
APPR/DATE: Tim Masters 4/3/2008



TITLE:
FT-1 SWITCH
POLE ARRANGEMENT & INT SCH

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SIZE: A
DWG. NO: 991A215
REV: 1