



Trip Indicating Auxiliary Function Chart

(c3controls P/N: 330-STA22S25)



Sequence	Scenario	Handle Position	Overload Trip (Thermal) Contacts		Short Circuit (Magnetic) Contacts		Blue Button Position
			57-58 (N.O.)	65-66 (N.C.)	77-78 (N.O.)	85-86 (N.C.)	
0	Out of the Box						
a	If Blue Button is OUT (NOT depressed)	Not Applicable	Closed	Open	Closed	Open	OUT
b	If Blue Button is IN (depressed)	Not Applicable	Closed	Open	Open	Closed	IN
1	First Installation	OFF	Closed	Open	Open	Closed	IN
a	MPCB Turned ON	ON	Open	Closed	Open	Closed	IN
b	MPCB Turned OFF	OFF	Open	Closed	Open	Closed	IN
c	MPCB Turned ON	ON	Open	Closed	Open	Closed	IN
2	Overload (Thermal) Trip (same as manual trip test)	TRIP	Closed	Open	Open	Closed	IN
a	MPCB Turned OFF after OL Trip or Trip Test	OFF	Closed	Open	Open	Closed	IN
b	MPCB Turned ON after OL Fault is Cleared	ON	Open	Closed	Open	Closed	IN
3	MPCB Cycled						
a	MPCB Turned OFF	OFF	Open	Closed	Open	Closed	IN
b	MPCB Turned ON	ON	Open	Closed	Open	Closed	IN
c	MPCB Turned OFF	OFF	Open	Closed	Open	Closed	IN
d	MPCB Turned ON	ON	Open	Closed	Open	Closed	IN
4	Short Circuit (Magnetic) Trip (cannot be done with manual trip test)	TRIP	Closed	Open	Closed	Open	OUT
a	MPCB Turned OFF after SC Trip	OFF	Closed	Open	Closed	Open	OUT
b	User Depresses Blue Button after SC Fault is Cleared	OFF	Closed	Open	Open	Closed	IN
c	MPCB Turned ON after SC Fault is Cleared	ON	Open	Closed	Open	Closed	IN
5	MPCB Cycled						
a	MPCB Turned OFF	OFF	Open	Closed	Open	Closed	IN
b	MPCB Turned ON	ON	Open	Closed	Open	Closed	IN
c	MPCB Turned OFF	OFF	Open	Closed	Open	Closed	IN
d	MPCB Turned ON	ON	Open	Closed	Open	Closed	IN
e	MPCB Turned OFF	OFF	Open	Closed	Open	Closed	IN