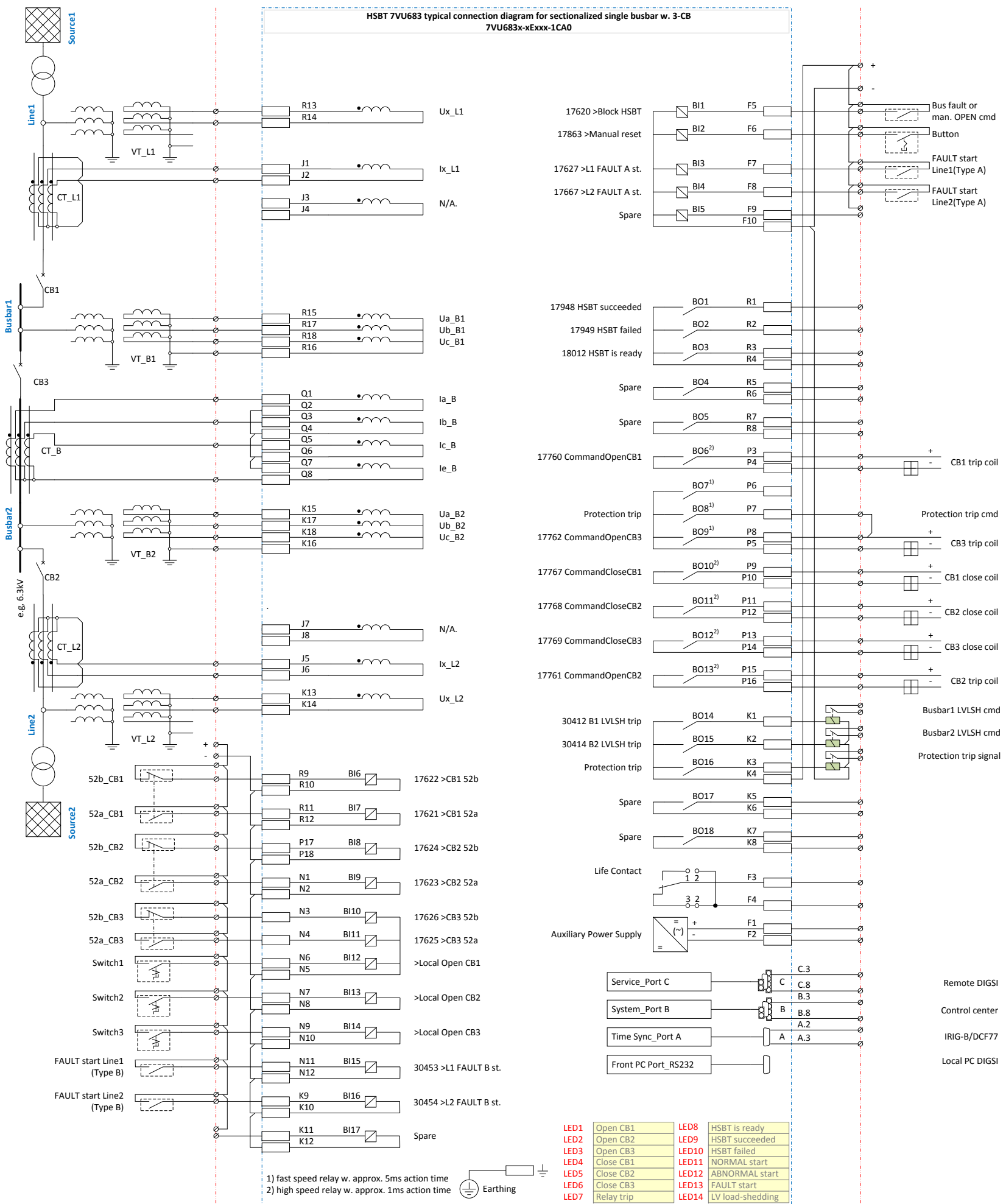
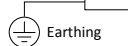


				Date	2014-03-28				
				Name	Diego Gao	Default diagram for single busbar w. 2-CB		SIEMENS	
				Appr.		Single BO for closing		Siemens Power Automation Ltd.	
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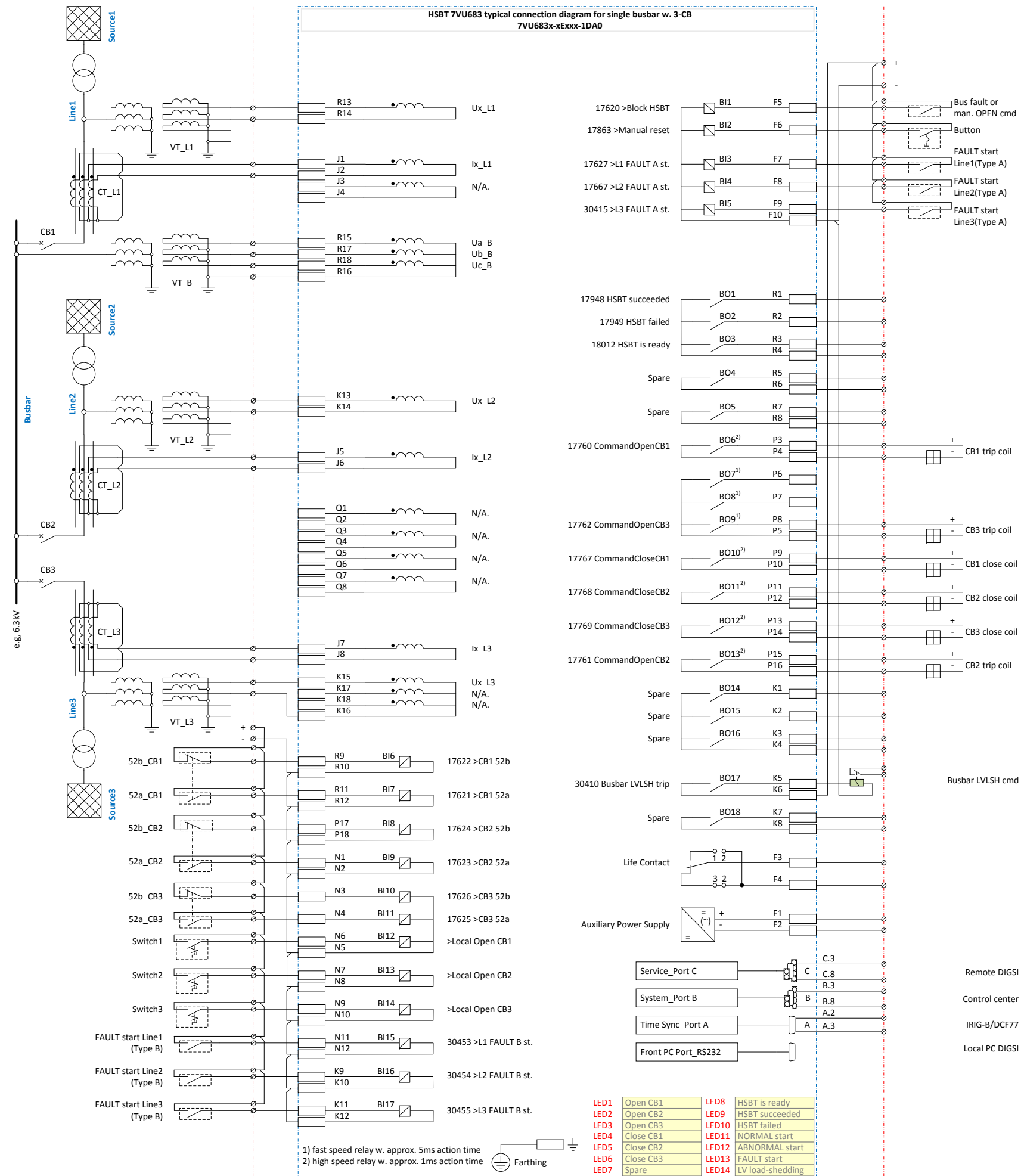


1) fast speed relay w. approx. 5ms action time  
 2) high speed relay w. approx. 1ms action time

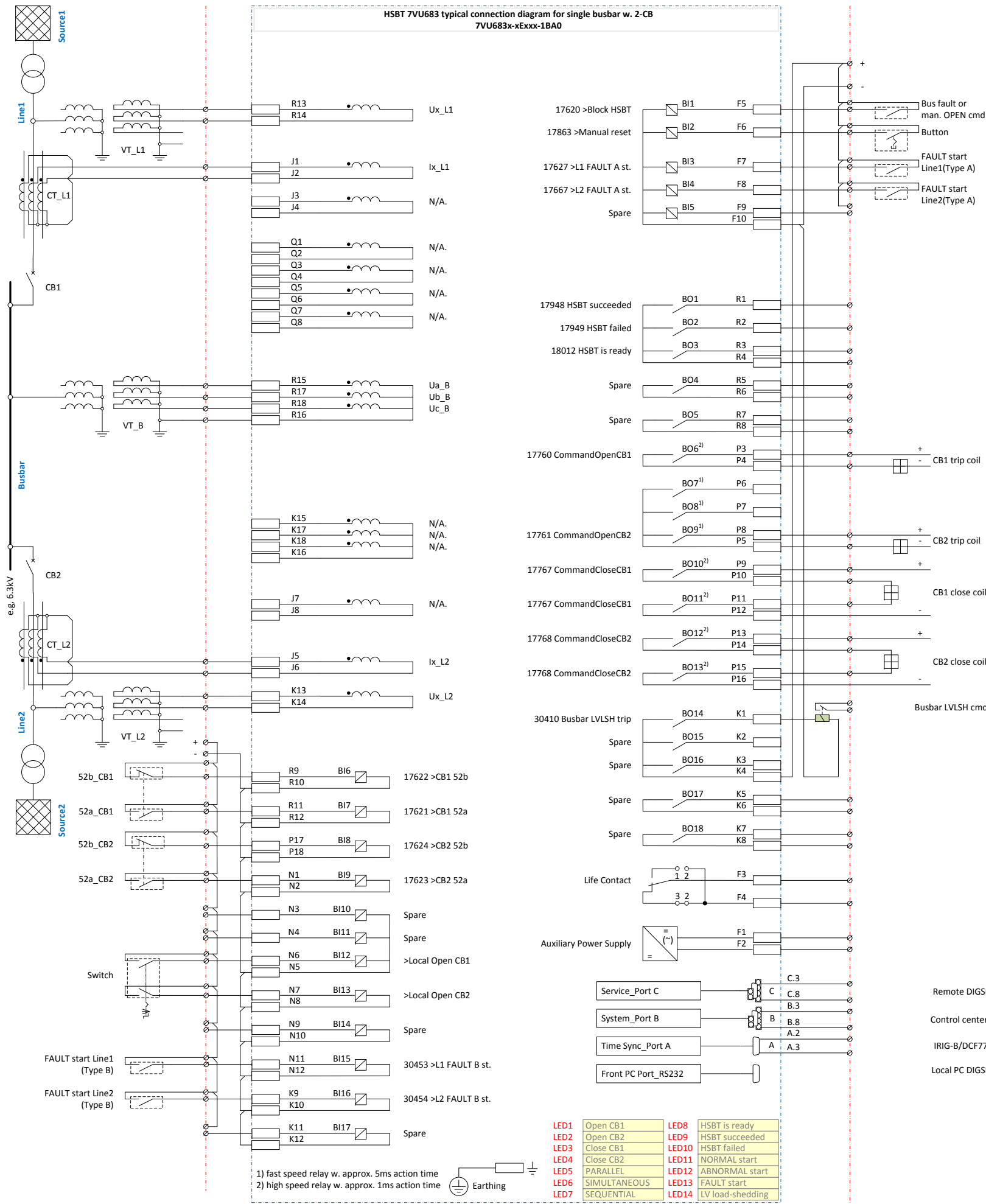


LED1	Open CB1	LED8	HSBT is ready
LED2	Open CB2	LED9	HSBT succeeded
LED3	Open CB3	LED10	HSBT failed
LED4	Close CB1	LED11	NORMAL start
LED5	Close CB2	LED12	ABNORMAL start
LED6	Close CB3	LED13	FAULT start
LED7	Relay trip	LED14	LV load-shedding

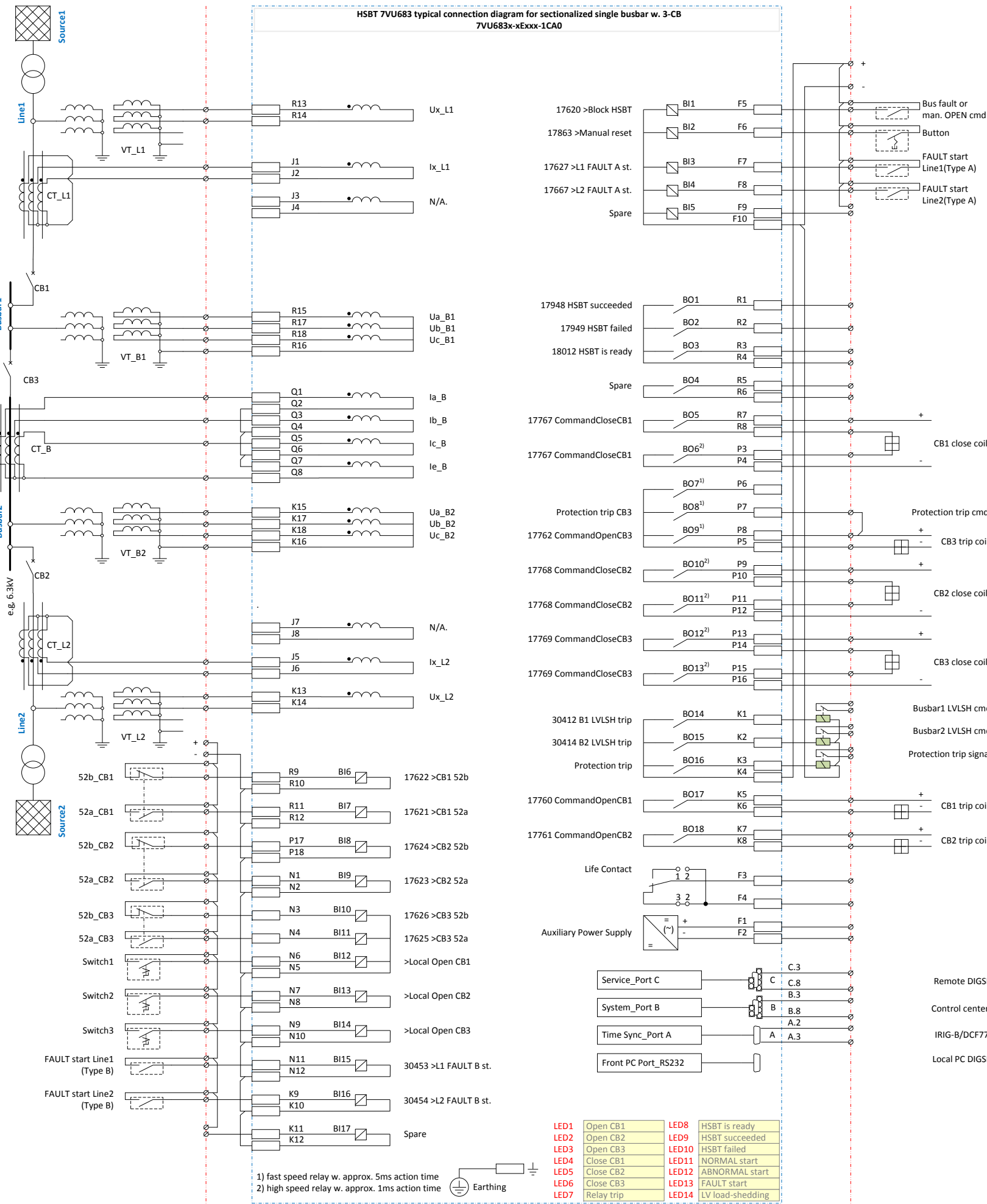
				Date	2014-03-28						
				Name	Diego Gao	Default diagram for sectionalized single busbar w. 3-CB		SIEMENS		High Speed Busbar Transfer 7VU683 V4.7	
				Appr.		Single BO for closing		Siemens Power Automation Ltd.			
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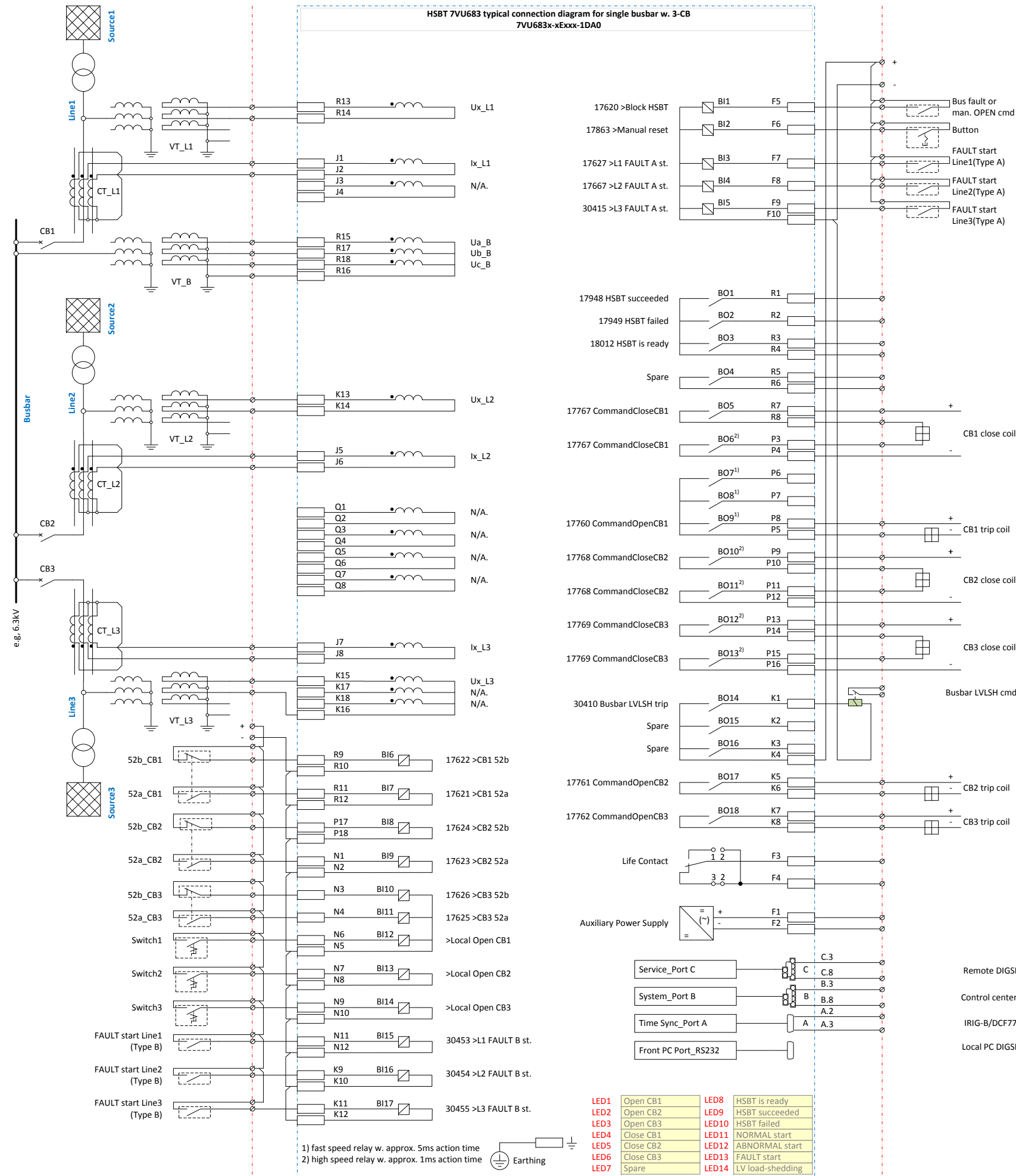
Date: 2014-03-28					<b>SIEMENS</b> Siemens Power Automation Ltd.		High Speed Busbar Transfer 7VU683 V4.7					
Name: Diego Gao									Default diagram for single busbar w. 2-CB			
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1) fast speed relay w. approx. 5ms action time  
 2) high speed relay w. approx. 1ms action time

- |      |            |       |                  |
|------|------------|-------|------------------|
| LED1 | Open CB1   | LED8  | HSBT is ready    |
| LED2 | Open CB2   | LED9  | HSBT succeeded   |
| LED3 | Open CB3   | LED10 | HSBT failed      |
| LED4 | Close CB1  | LED11 | NORMAL start     |
| LED5 | Close CB2  | LED12 | ABNORMAL start   |
| LED6 | Close CB3  | LED13 | FAULT start      |
| LED7 | Relay trip | LED14 | LV load-shedding |

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