

16031-DS-002, Beckwith M-3311A Excitation Transformer Protection Relay Tripping Matrix

Protective Device Numbers		Output Contacts								DISABLE	Input Contacts					
		Out 1 - TRIP 86-1	Out 2 - TRIP 86-2	OUT 3 - TRIP 94X	OUT 4 - IBF-52G	OUT 5 - TRIP OSG	OUT 6 - TRIP ALARM	OUT 7 - SPARE	OUT 8 - SPARE		IN 1 - 52G	IN 2 - SPARE	IN 3 - SPARE	IN 4 - SPARE	IN 5 - SPARE	IN 6 - SPARE
24	24 DT1	X		X	X	X	X									
	24 DT2	X		X	X	X	X									
	24 INV TIME									X						
27										X						
46	46-DT									X						
	46-INV TIME									X						
50W1										X						
50W2		X		X	X	X	X									
50BF										X						
50G										X						
51GW2			X	X	X	X	X									
51W1										X						
51W2		X		X	X	X	X									
51NW1										X						
51NW2										X						
59G										X						
81U	81U-1									X						
	81U-2									X						
	81U-3									X						
87		X		X	X	X	X									
87GD										X						
EXT																

Notes:

1. Also include Voltage Protection Package, Target Module (M-3910), and HMI Module (M-3931).
2. The tripping matrix is for EXAMPLE ONLY and is not meant to convey the specifics of any particular project. It is intended to convey the quantity and type of protective functions, contacts, etc. which are required.