



1. RLT PB1 BLUE LED INDICATING LIGHT INDICATES BREAKER IS SET TO LOWER INSTANTANEOUS SETTING.
2. RLT PB1 SELECTOR SWITCH TEST POSITION CONTACT IS USED TO TEST RELT PB1 BLUE LIGHT.
3. RELT PB1 SELECTOR SWITCH ON POSITION CONTACT IS USED TO SEND A SIGNAL TO THE TRIP UNIT TO CHANGE TO THE LOW INSTANTANEOUS TRIP SETTING AND THE BLUE LED WILL ILLUMINATE TO GIVE POSITIVE FEEDBACK OF THE CHANGE ON THE TRIP UNIT.

* OPTIONAL REMOTE RELT ENABLE CONTACT

REV	DATE:	DESCRIPTION:	ISSUED BY:	ENGINEER:	Document #	PLANT: Monterrey, N.L. , México	Wiring Diagram	ORDER NUMBER:	DESCRIPTION:
				JMD	9AKK108470A2747	ABB	ReliaGear Switchboard	CTO STD -	RELT/RGM METER 208V
				CHECKED BY:			ITEM.SECT / FUNC / DOC TYPE	REQUISITION:	SHEET:
				JMD					2

Connection list

Connection	Target 1	Target 2	Color	Wire Gauge (AWG)	Function definition
E1	-L1	-RGM FU3:1	BLK	14	Conductor / wire
E2	-RGM FU3:3	-L2	BLK	14	Conductor / wire
E3	-RGM FU3:5	-L3	BLK	14	Conductor / wire
E4	-N	-RGM MTR1-VREF	WHT	14	Conductor / wire
E5	-RGM FU3:2	-RGM MTR1-VA	BLK	14	Conductor / wire
E6	-RGM FU3:4	-RGM MTR1-VB	BLK	14	Conductor / wire
E7	-RGM FU3:6	-RGM MTR1-VC	BLK	14	Conductor / wire
E8	-L1	-RGM FU1:1	BLK	14	Conductor / wire
E9	-RGM FU1:2	-RGM FU2:1	BLK	14	Conductor / wire
E10	-RGM FU1:2	-RLT PS1:L(+)	WHT	14	Conductor / wire
E11	-RGM FU2:2	-RGM MTR1-L[+]	BLK	14	Conductor / wire
E13	-N	-RGM TB1:1	BLK	14	Conductor / wire
E14	-RGM TB1:2	-GND	GRN	14	Conductor / wire
E15	-RGM TB1:3	-RLT PS1:N(-)	WHT	14	Conductor / wire
E16	-RGM TB1:3	-RGM MTR1-GND	GRN	14	Conductor / wire
E17	-RGM TB1:4	-RGM MTR1-N[-]	WHT	14	Conductor / wire
E18	-RGM TB1:1	-RGM TB1:2	GRN	14	Conductor / wire
E19	-RGM TB1:2	-RGM TB1:3	GRN	14	Conductor / wire
E20	-RGM TB1:3	-RGM TB1:4	GRN	14	Conductor / wire
E21	-CT1:X1	-RGM STB1:1	BLK	14	Conductor / wire
E22	-CT1:X2	-RGM STB1:2	BLK	14	Conductor / wire
E23	-CT2:X1	-RGM STB1:3	BLK	14	Conductor / wire
E24	-CT2:X2	-RGM STB1:4	BLK	14	Conductor / wire
E25	-RGM STB1:5	-CT3:X1	BLK	14	Conductor / wire
E26	-RGM STB1:6	-CT3:X2	BLK	14	Conductor / wire
E27	-RGM STB1:6	-GND	GRN	12	Conductor / wire
E28	-RGM STB1:2	-RGM STB1:4	GRN	12	Conductor / wire
E29	-RGM STB1:4	-RGM STB1:6	GRN	12	Conductor / wire
E30	-RGM MTR1-IA:HI	-RGM STB1:1	BLK	14	Conductor / wire
E31	-RGM MTR1-IA:LO	-RGM STB1:2	BLK	14	Conductor / wire
E32	-RGM STB1:3	-RGM MTR1-IB:HI	BLK	14	Conductor / wire
E33	-RGM STB1:4	-RGM MTR1-IB:LO	BLK	14	Conductor / wire
E34	-RGM STB1:5	-RGM MTR1-IC:HI	BLK	14	Conductor / wire
E35	-RGM STB1:6	-RGM MTR1-IC:LO	BLK	14	Conductor / wire
E36	-GND	-RLT PS1:PE	GRN	14	Conductor / wire
E37	-RLT PS1:L+	-RLT TB1:1	BLK	14	Conductor / wire
E38	-RLT TB1:1	-RLT TB1:2	BLK	14	Conductor / wire
E39	-RLT TB1:2	-RLT TB1:3	BLK	14	Conductor / wire

REV	DATE:	DESCRIPTION:	ISSUED BY:	ENGINEER:	Document #	PLANT: Monterrey, N.L. , México	Connection list : E1 - E39	ORDER NUMBER:	DESCRIPTION:	
				JMD	9AKK108470A2747			CTO STD -	RELT/RGM METER 208V	
				CHECKED BY:			ReliaGear Switchboard	ITEM.SECT / FUNC / DOC TYPE	REQUISITION:	SHEET:
				JMD						3

Connection list

Connection	Target 1	Target 2	Color	Wire Gauge (AWG)	Function definition
E40	-RLT PS1:L-	-RLT TB1:4	BLK	14	Conductor / wire
E41	-RLT TB1:4	-RLT TB1:5	BLK	14	Conductor / wire
E42	-RLT TB1:5	-RLT TB1:6	BLK	14	Conductor / wire
E43	-RLT TB1:1	-RLT Q3:K31	BLK	18	Conductor / wire
E44	-RLT TB1:2	-RLT PB1:23	BLK	14	Conductor / wire
E45	-RLT TB1:3	-RLT Q4:+K1	BLK	14	Conductor / wire
E46	-RLT TB1:4	-RLT Q4:-K2	BLK	18	Conductor / wire
E47	-RLT PB1:L-	-RLT TB1:5	BLK	18	Conductor / wire
E48	-RLT PB1:L+	-RLT PB1:24	BLK	18	Conductor / wire
E49	-RLT Q3:H31	-RLT PB1:13	BLK	18	Conductor / wire
E50	-RLT PB1:14	-RLT Q3:HC3	BLK	18	Conductor / wire
E51	-RLT PB1:L+	-RLT Q3:K32	BLK	18	Conductor / wire
E52	-GND	-RLT Q4:PE	GRN	18	Conductor / wire

REV	DATE:	DESCRIPTION:	ISSUED BY:	ENGINEER:	Document #	PLANT: Monterrey, N.L. , México	Connection list : E40 - E52	ORDER NUMBER:	DESCRIPTION:
				JMD	9AKK108470A2747		ReliaGear Switchboard	CTO STD -	RELT/RGM METER 208V
				CHECKED BY:				ITEM.SECT / FUNC / DOC TYPE	REQUISITION:
				JMD					