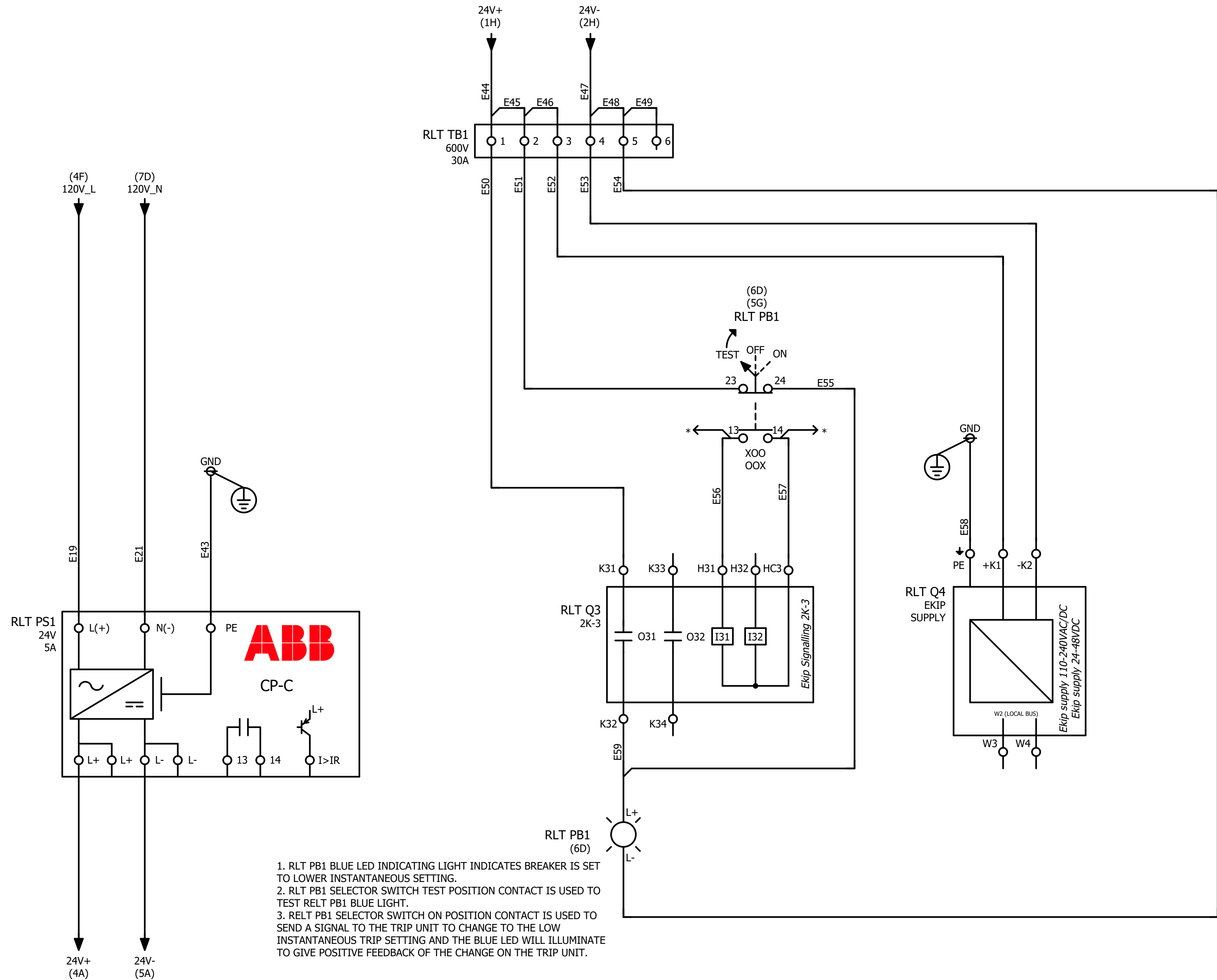


REV	DATE:	DESCRIPTION:	ISSUED BY:	ENGINEER:	Document #	PLANT: Monterrey, N.L. , México	Wiring Diagram	ORDER NUMBER:	DESCRIPTION:
				JMD	9AKK108470A2746	ABB	ReliaGear Switchboard	CTO STD -	RELT/RGM METER 480V
				CHECKED BY:				ITEM.SECT / FUNC / DOC TYPE	REQUISITION:
				JMD					



* OPTIONAL REMOTE RELT ENABLE CONTACT

REV	DATE:	DESCRIPTION:	ISSUED BY:	ENGINEER:	Document #	PLANT: Monterrey, N.L. , México	Wiring Diagram	ORDER NUMBER:	DESCRIPTION:
				JMD	9AKK108470A2746	ABB	ReliaGear Switchboard	CTO STD -	RELT/RGM METER 480V
				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	-L2	-RGM FU1:3	BLK	14	Conductor / wire
E10	-TR1:H1	-RGM FU1:2	BLK	14	Conductor / wire
E11	-TR1:H3	-TR1:H2			Saddle jumper
E12	-RGM FU1:4	-TR1:H4	BLK	14	Conductor / wire
E13	-TR1:X1	-TR1:X3			Saddle jumper
E14	-TR1:X2	-TR1:X4			Saddle jumper
E15	-TR1:X4	-RGM TB1:1	WHT	14	Conductor / wire
E16	-TR1:X1	-RGM FU2:1	BLK	14	Conductor / wire
E17	-TR1:X3	-RGM FU4:1	BLK	14	Conductor / wire
E18	-RGM FU2:2	-RGM MTR1-L[+]	BLK	14	Conductor / wire
E19	-RGM FU4:2	-RLT PS1:L(+)	WHT	14	Conductor / wire
E20	-RGM TB1:2	-GND	GRN	14	Conductor / wire
E21	-RGM TB1:3	-RLT PS1:N(-)	WHT	14	Conductor / wire
E22	-RGM TB1:3	-RGM MTR1-GND	GRN	14	Conductor / wire
E23	-RGM TB1:4	-RGM MTR1-N[-]	WHT	14	Conductor / wire
E24	-RGM TB1:1	-RGM TB1:2	GRN	14	Conductor / wire
E25	-RGM TB1:2	-RGM TB1:3	GRN	14	Conductor / wire
E26	-RGM TB1:3	-RGM TB1:4	GRN	14	Conductor / wire
E27	-CT1:X1	-RGM STB1:1	BLK	14	Conductor / wire
E28	-CT1:X2	-RGM STB1:2	BLK	14	Conductor / wire
E29	-CT2:X1	-RGM STB1:3	BLK	14	Conductor / wire
E30	-CT2:X2	-RGM STB1:4	BLK	14	Conductor / wire
E31	-RGM STB1:5	-CT3:X1	BLK	14	Conductor / wire
E32	-RGM STB1:6	-CT3:X2	BLK	14	Conductor / wire
E34	-RGM STB1:2	-RGM STB1:4	GRN	12	Conductor / wire
E35	-RGM STB1:4	-RGM STB1:6	GRN	12	Conductor / wire
E36	-RGM STB1:6	-GND	GRN	12	Conductor / wire
E37	-RGM MTR1-IA:HI	-RGM STB1:1	BLK	14	Conductor / wire
E38	-RGM MTR1-IA:LO	-RGM STB1:2	BLK	14	Conductor / wire
E39	-RGM STB1:3	-RGM MTR1-IB:HI	BLK	14	Conductor / wire

REV	DATE:	DESCRIPTION:	ISSUED BY:	ENGINEER:	Document #	PLANT: Monterrey, N.L. , México	Connection list : E1 - E39	ORDER NUMBER:	DESCRIPTION:	
				JMD	9AKK108470A2746			CTO STD -	RELT/RGM METER 480V	
				CHECKED BY:				ReliaGear Switchboard	ITEM.SECT / FUNC / DOC TYPE	REQUISITION:
				JMD						3

Connection list

Connection	Target 1	Target 2	Color	Wire Gauge (AWG)	Function definition
E40	-RGM STB1:4	-RGM MTR1-IB:LO	BLK	14	Conductor / wire
E41	-RGM STB1:5	-RGM MTR1-IC:HI	BLK	14	Conductor / wire
E42	-RGM STB1:6	-RGM MTR1-IC:LO	BLK	14	Conductor / wire
E43	-GND	-RLT PS1:PE	GRN	14	Conductor / wire
E44	-RLT PS1:L+	-RLT TB1:1	BLK	14	Conductor / wire
E45	-RLT TB1:1	-RLT TB1:2	BLK	14	Conductor / wire
E46	-RLT TB1:2	-RLT TB1:3	BLK	14	Conductor / wire
E47	-RLT PS1:L-	-RLT TB1:4	BLK	14	Conductor / wire
E48	-RLT TB1:4	-RLT TB1:5	BLK	14	Conductor / wire
E49	-RLT TB1:5	-RLT TB1:6	BLK	14	Conductor / wire
E50	-RLT TB1:1	-RLT Q3:K31	BLK	18	Conductor / wire
E51	-RLT TB1:2	-RLT PB1:23	BLK	14	Conductor / wire
E52	-RLT TB1:3	-RLT Q4:+K1	BLK	14	Conductor / wire
E53	-RLT TB1:4	-RLT Q4:-K2	BLK	14	Conductor / wire
E54	-RLT PB1:L-	-RLT TB1:5	BLK	14	Conductor / wire
E55	-RLT PB1:L+	-RLT PB1:24	BLK	18	Conductor / wire
E56	-RLT Q3:H31	-RLT PB1:13	BLK	18	Conductor / wire
E57	-RLT PB1:14	-RLT Q3:HC3	BLK	18	Conductor / wire
E58	-GND	-RLT Q4:PE	GRN	18	Conductor / wire
E59	-RLT PB1:L+	-RLT Q3:K32	BLK	18	Conductor / wire

REV	DATE:	DESCRIPTION:	ISSUED BY:	ENGINEER:	Document #	PLANT: Monterrey, N.L. , México	Connection list : E40 - E59	ORDER NUMBER:	DESCRIPTION:
				JMD	9AKK108470A2746		ReliaGear Switchboard	CTO STD -	RELT/RGM METER 480V
				CHECKED BY:				ITEM.SECT / FUNC / DOC TYPE	REQUISITION:
				JMD					