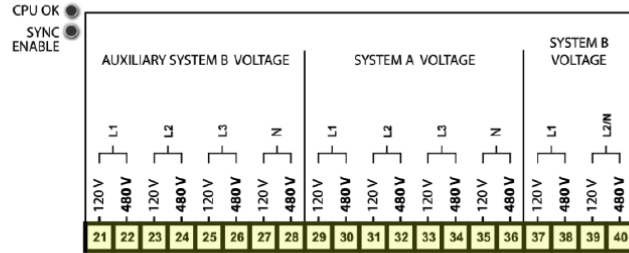
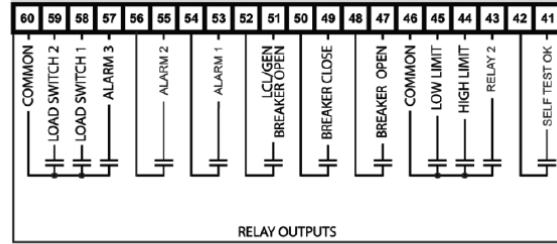
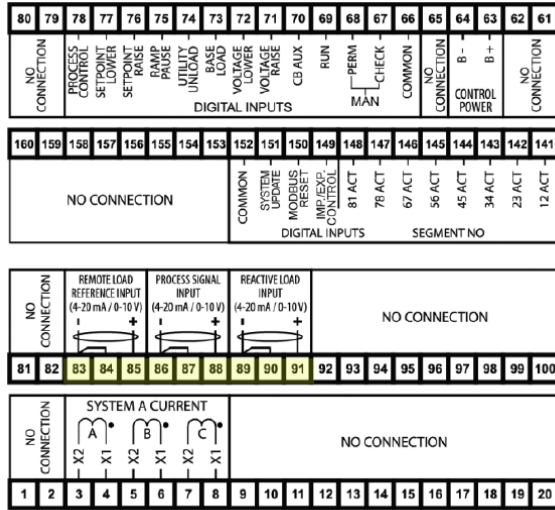


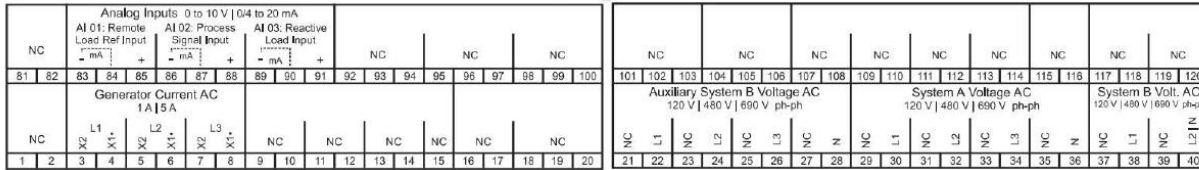
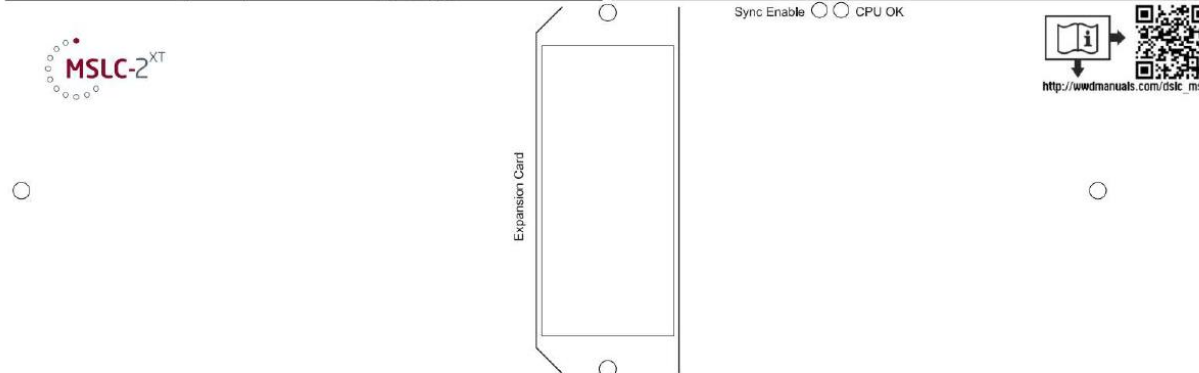
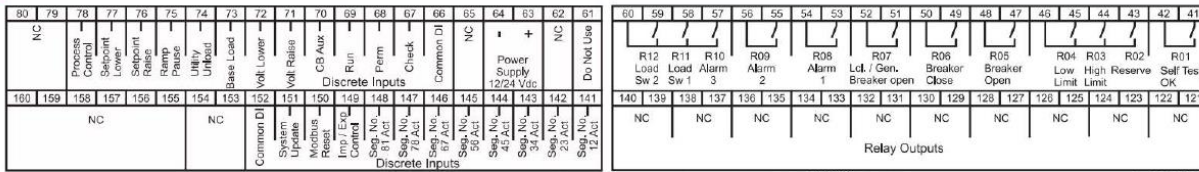
Wiring diagram MSLC-2



MSLC-2 – terminal diagram

Wiring diagram MSLC-2XT

TERMINAL DIAGRAM



MSLC-2XT – terminal diagram

MSLC-2



MSLC-2XT



NO CONNECTION	SYSTEM A CURRENT						NO CONNECTION													
	X2	X1	X2	X1	X2	X1	9	10	11	12	13	14	15	16	17	18	19	20		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	

NC	Generator Current AC 1A/5A						NO CONNECTION													
	X2	L1	X1	X2	L2	X1	X2	L3	X1	9	10	11	12	13	14	15	16	17	18	19
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	

AUXILIARY SYSTEM B VOLTAGE						SYSTEM A VOLTAGE						SYSTEM B VOLTAGE							
L1	L2	L3	N	L1	L2	L3	N	L1	L2	L3	N	L1	L2	L3	N				
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

Auxiliary System B Voltage AC 120V 480V 690V ph-ph						System A Voltage AC 120V 480V 690V ph-ph						System B Volt. AC 120V 480V 690V ph-ph											
NC	L1	NC	L2	NC	L3	NC	N	NC	L1	NC	L2	NC	L3	NC	N	NC	L1	NC	L2	NC	L3	NC	N
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40				

60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41
COMMON	LOAD SWITCH 2	LOAD SWITCH 1	ALARM 3	ALARM 2	ALARM 1	L1/GEN BREAKER OPEN	BREAKER CLOSE	BREAKER OPEN	COMMON	LOW LIMIT	HIGH LIMIT	RELAY 2	SELF TEST OK						
60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41

60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41
R12	R11	R10	R09	R08	R07	R06	R05	R04	R03	R02	R01								
Load Sw 2	Load Sw 1	Alarm 3	Alarm 2	Alarm 1	Lcl. / Gen. Breaker open	Breaker Close	Breaker Open	Low Limit	High Limit	Reserve Limit	Self Test OK								
60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41

80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61
NO CONNECTION	PROCESS CONTROL	SETPOINT LOWER	SETPOINT RAISE	RAMP PAUSE	UTILITY UNLOAD	BASE LOAD	VOLTAGE LOWER	VOLTAGE RAISE	CB AUX	MAN	PERM CHECK	COMMON	NO CONNECTION	B -	B +	CONTROL POWER	NO CONNECTION		
80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61

80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61
NC	Process Control	Setpoint Lower	Setpoint Raise	Ramp Pause	Utility Unload	Base Load	Volt. Lower	Volt. Raise	CB Aux	Run	Perm	Check	Common DI	NC	+	Power Supply 12/24 Vdc	NC	Do Not Use	
80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61

81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
NO CONNECTION	REMOTE LOAD REFERENCE INPUT (-4-20 mA / 0-10 V)	PROCESS SIGNAL INPUT (+4-20 mA / 0-10 V)	REACTIVE LOAD INPUT (+4-20 mA / 0-10 V)	NO CONNECTION															
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

Analog Inputs 0 to 10 V 0/4 to 20 mA										NO CONNECTION												
AI 01: Remote Load Ref Input	AI 02: Process Signal Input	AI 03: Reactive Load Input	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100			

NO CONNECTION										DIGITAL INPUTS										SEGMENT NO					
COMMON	SYSTEM UPDATE	MODBUS RESET	IMP/EXP CONTROL	81 ACT	78 ACT	67 ACT	56 ACT	45 ACT	34 ACT	23 ACT	12 ACT														
160	159	158	157	156	155	154	153	152	151	150	149	148	147	146	145	144	143	142	141						

140	139	138	137	136	135	134	133	132	131	130	129	128	127	126	125	124	123	122	121
NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
140	139	138	137	136	135	134	133	132	131	130	129	128	127	126	125	124	123	122	121

NO CONNECTION										DIGITAL INPUTS										SEGMENT NO					
COMMON DI	System Update	Modbus Reset	Imp / Exp Control	Seg. No. 81 Act	Seg. No. 78 Act	Seg. No. 67 Act	Seg. No. 56 Act	Seg. No. 45 Act	Seg. No. 34 Act	Seg. No. 23 Act	Seg. No. 12 Act														
160	159	158	157	156	155	154	153	152	151	150	149	148	147	146	145	144	143	142	141						