



CC1 TO CC4 – CONTACT CLOSURE INPUT INDICATORS:
 GREEN INDICATES THAT THE CONTACT INPUT CONNECTION IS CLOSED.
 CC5 TO CC8 – CONTACT CLOSURE OUTPUT INDICATORS:
 GREEN INDICATES THE RESPECTIVE NORMALLY OPEN CONNECTIONS
 ARE CLOSED AND THE NORMALLY CLOSED CONNECTIONS ARE OPEN.
 OFF INDICATES THE RESPECTIVE CONNECTIONS ARE IN THE DEFAULT
 STATE(NORMALLY OPEN IS OPEN, NORMALLY CLOSED IS CLOSED)

OLI/DC POWER – OPTICAL LEVEL /DC POWER INDICATOR:
 GREEN INDICATES THE OPTICAL INPUT POWER IS WITHIN THE
 PROPER RANGE AND THAT DC POWER IS PRESENT.
 RED INDICATES THE OPTICAL POWER IS NOT WITHIN THE
 PROPER RANGE BUT DC POWER IS PRESENT.

RESET PUSH BUTTON:
 PUSHING THIS BUTTON RESETS THE FOUR CONTACT OUTPUTS OF
 THE MTX-81BSL TO THEIR DEFAULT STATES AND SENDS A SIGNAL TO
 RRX-81BSL OR MRX-81BSL TO RESET ALL ITS OUTPUTS TO THEIR
 DEFAULT STATES.

LATCHING SELECT SWITCH:
 WHEN SWITCH #1 IS SET TO THE UP(OFF), ALL CONTACT OUTPUT STATES
 REMAIN UNCHANGED DURING A LOSS OF OPTICAL CONNECTION OR DC POWER
 TO THE MTX-81BSL. CONTACT OUTPUTS WILL REMAIN UNCHANGED UNTIL DC POWER
 IS RESTORED TO THE MTX-81BSL AND A VALID DATA STREAM IS RECEIVED FROM
 THE RRX-81BSL OR MRX-81BSL OR THE RESET BUTTON IS DEPRESSED. WHEN SWITCH
 #1 IS SET TO THE DOWN(ON) POSITION, ALL CONTACT OUTPUT STATES WILL
 REVERT TO THEIR DEFAULT STATES DURING A LOSS OF OPTICAL CONNECTION OR
 DC POWER TO THE MTX-81BSL.

CONTACT CLOSURE INPUT AND OUTPUT CONNECTIONS:
 CONTACT IN CH1 TO CH4:
 THESE PROVIDE 4 CONTACT CLOSURE INPUT CONNECTIONS.
 CLOSING THE RESPECTIVE CONTACT CLOSURE INPUT CONNECTIONS
 CAUSES THE RESPECTIVE RELAYS IN THE RRX/MRX-81BSL TO SWITCH
 FROM THE DEFAULT STATE TO (NORMALLY OPEN CONNECTIONS
 ARE CLOSED) AND (NORMALLY CLOSED CONNECTIONS ARE OPEN).

CONTACT OUT CH5 TO CH 8:
 THESE PROVIDE 4 SETS OF BOTH NORMALLY OPEN
 AND NORMALLY CLOSED CONTACT CONNECTIONS.

 120 BELMONT DRIVE SOMERSET N.J.	DATE: 01 FEB 2010		MTX-81BSL CUSTOMER ASSEMBLY DRAWING			
	ACAD FN.: MTX-81BSL CC		SCALE: NONE		DWG. NO.:	
	DWG BY: CLQ		SH. OF		REV.: CHK.: SK	