

CONTACT1 TO CONTACT4 – CONTACT CLOSURE INPUT INDICATORS:
 GREEN INDICATES THAT THE CONTACT INPUT CONNECTION IS CLOSED.
 CONTACT5 TO CONTACT8 – 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)

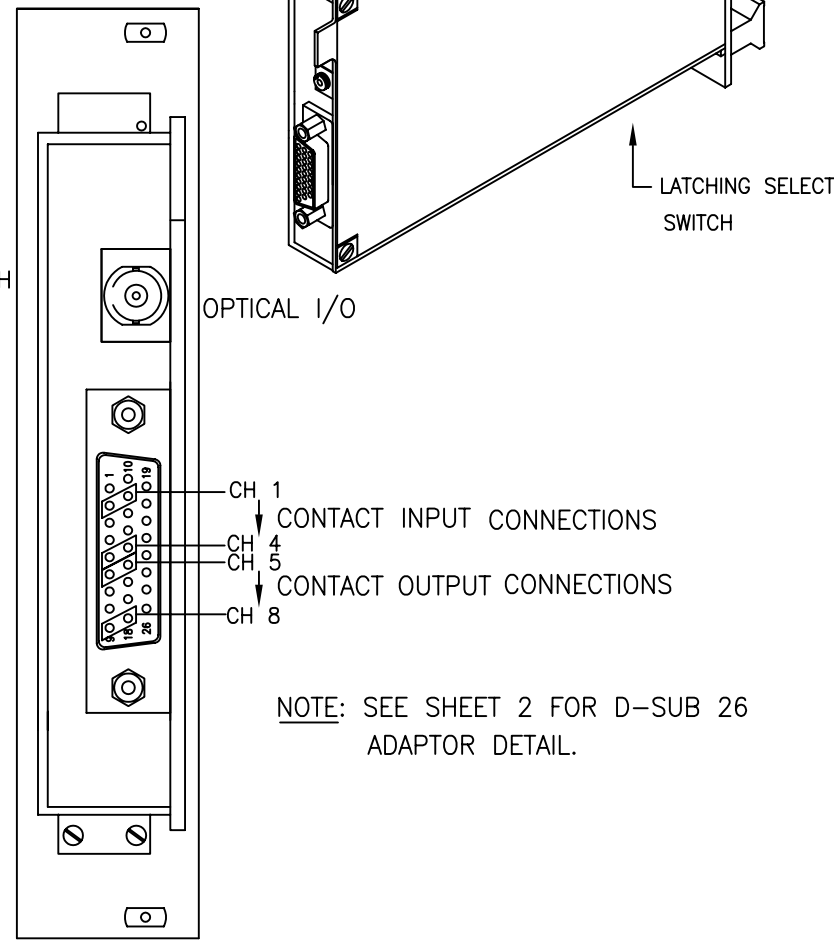
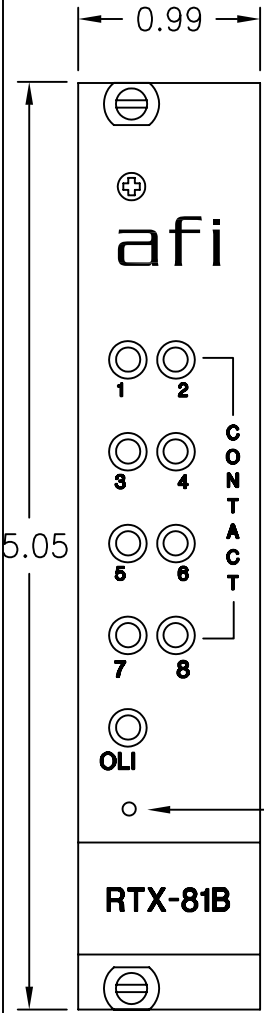
OLI – OPTICAL LEVEL /DC POWER INDICATOR:
 GREEN INDICATES THE OPTICAL INPUT POWER IS WITHIN THE
 PROPER RANGE AND THAT DC POWER IS PRESENT.
 RED INDICATES THE OPTICAL POWER IS NOT WITHIN THE
 PROPER RANGE BUT DC POWER IS PRESENT.

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 RTX-81B. CONTACT OUTPUTS WILL REMAIN UNCHANGED UNTIL DC POWER
 IS RESTORED TO THE RTX-81B AND A VALID DATA STREAM IS RECEIVED FROM
 THE RRX-81B OR MRX-81B 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 RTX-81B.

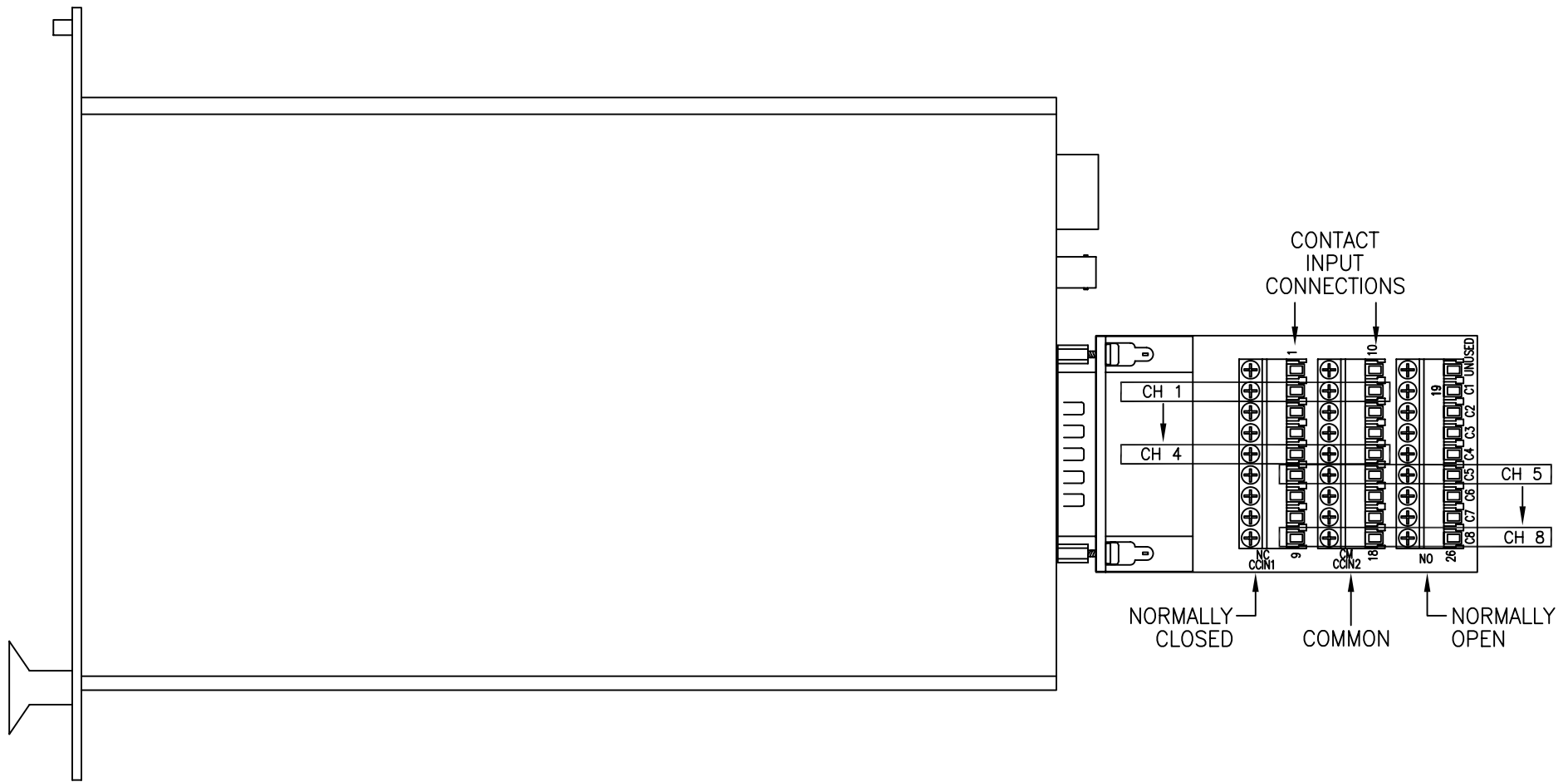
CONTACT CLOSURE INPUT AND OUTPUT CONNECTIONS:
 CONTACT IN CH1 TO CH4:
 THESE PROVIDE 4 CONTACT CLOSURE INPUT CONNECTIONS.
 CLOSING THE RESPECTIVE CONTACT CLOSURE INPUT CONNECTIONS
 CAUSES THE RESPECTIVE RELAYS IN THE RRX/MRX-81B TO SWITCH
 FROM THE DEFAULT STATE TO (NORMALLY OPEN CONNECTIONS
 ARE CLOSED)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

RESET PUSH BUTTON

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



 afi american fibertek 120 BELMONT DRIVE SOMERSET N.J.	DATE: 02 DEC 09		RTX-81B		
	ACAD FN.: RTX-81B CC		CUSTOMER ASSEMBLY DRAWING		
	SCALE: NONE	DWG BY: CLQ	DWG. NO.:	sh. 1 of 2	REV.:



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