

**Assembly Sequence:**

- 1.) Determine best location where there is adequate ventilation, depth for components, and cables; away from any heat source.
- 2.) The inside surface of the enclosure must be free of protrusions or obstructions in the area where the HMI mounting plate will rest. Keep in mind that the plate can be positioned so the components are above or below the HMI display (see note section #2).
- 3.) The HMI control plate is mounted using the mounting holes at the corners of the mounting plate, the HMI display is held in place by the two pressure clamps on the display. The enclosure will be sandwiched between the back of the display and the clamps (located in the clearance slots of the HMI control plate) by the pressure generated from the clamps. It will be very important that the enclosure hole is cut to size to avoid twisting of the display.


This page shows the compact 4.3" HMI.  
For the legacy 7" HMI Configuration see pg 2

**Notes:**

- 1.) The mounting cut-out opening should be 4.68 x 3.65 inches (118.9 x 92.7mm). with a max mtg panel thickness of 0.118 in (3mm) Use mounting hardware supplied with display. Move clamps from the shipping location to mounting location to secure HMI to panel cutout. Torque to 3.5 to 4.4 lbs-in (.39 to .49 Nm).
- 2.) Depending on the application the mounting plate can be rotated so circuit board is above or below the HMI display.
- 3.) Minimum customer wire spacing from power resistors is 4 inches; increase spacing to 5 inches for wires rated less than 105°C.
- 4.) Optional gateway module, refer to Diagram 28283-1.
- 5.) Use of these mounting holes is required to secure plate. HMI and HMI plate are individually secured to the panel.
- 6.) Refer to Diagram 28283-1 for Display Interface PCB terminals, HMI Display terminals, and Network Gateway info.

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NO	REVISION	DATE	BY	TOLERANCES (EXCEPT AS NOTED)
E	add HMI mtg dim view, clearance dim	4/16/21	MJS	DECIMAL
D	added compact HMI detail	7/24/20	MJS	.XX ± .03 .XXX ± .010
C	4238 rotated views	12/13/17	JSM	FRACTIONAL
B	removed sheet 2, refer to 28283-1	9/27/16	MJS	± 1/32
A	change to new RS-485 layout	12/3/13	MJS	ANGULAR
NO				± 1°

		W132N10611 Grant Drive Germantown, WI 53022	
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HMI Plate Connection Install Diagram, RS-485			
DRN. BY	DATE:	28282-1	
MJS	12/4/13		
SCALE:	APRVD:		
n/a			

