





NORTHERN ELECTRIC
BDM-300X2
405622
Designed in U.S.A.
Assembled in China

MPPT Voltage: 60V Vdc
Max PV Input Voltage: 75.0V Vdc
Nominal Output Voltage: 50.0V Vdc
Nominal Output Power: 300W
Max. Continuous Output Current: 24.0A
Temperature Range: -40°C to 60°C
UL 1741, CSA C22.2

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Serial No. **M230222-B0283**



Model Number		MSE395SX9R
Rated Maximum Power	[W]	395 (-0/+3%)
Open – Circuit Voltage	[V]	45.2
Voltage at Pmax	[V]	37.0
Short – Circuit Current	[A]	11.24
Current at Pmax	[A]	10.68
Max. System Voltage	[V]	1000
Max. Series overcurrent protective device (where required) fuse rating	[A]	20
Standard test condition		AM=1.5 E=1000W/m² Tc=25°C

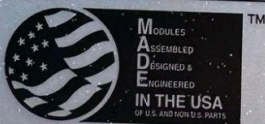


For field connections, use Cu only, 12AWF (US, CANADA), 4mm² (EU, Asia) wires insulated for a minimum of 90°C, rated for wet conditions and resistant to ultra violet radiation (where exposed). See installation manual for PV connector details and compatibility. Avertissement Risque de choc électrique. Ce module produit des tensions élevées dans la lumière du soleil. Risque électrique peut choquer, brûler ou de provoquer la mort. Ne pas toucher la borne.



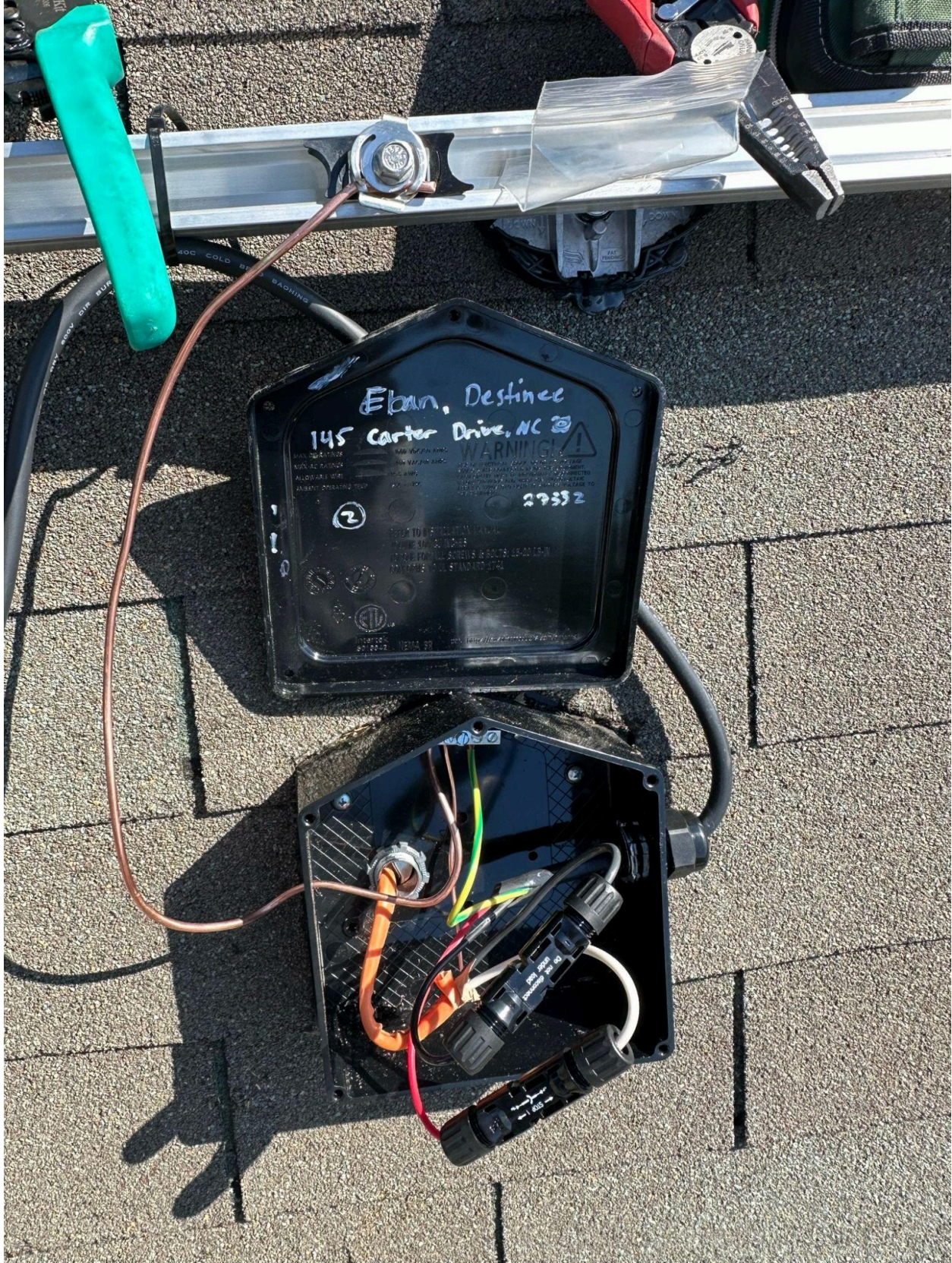
Fire Rating : Type 1
 Class of Equipment: Class II
 Design Load: Minimum 3600 Pa front and minimum 1600 Pa back load

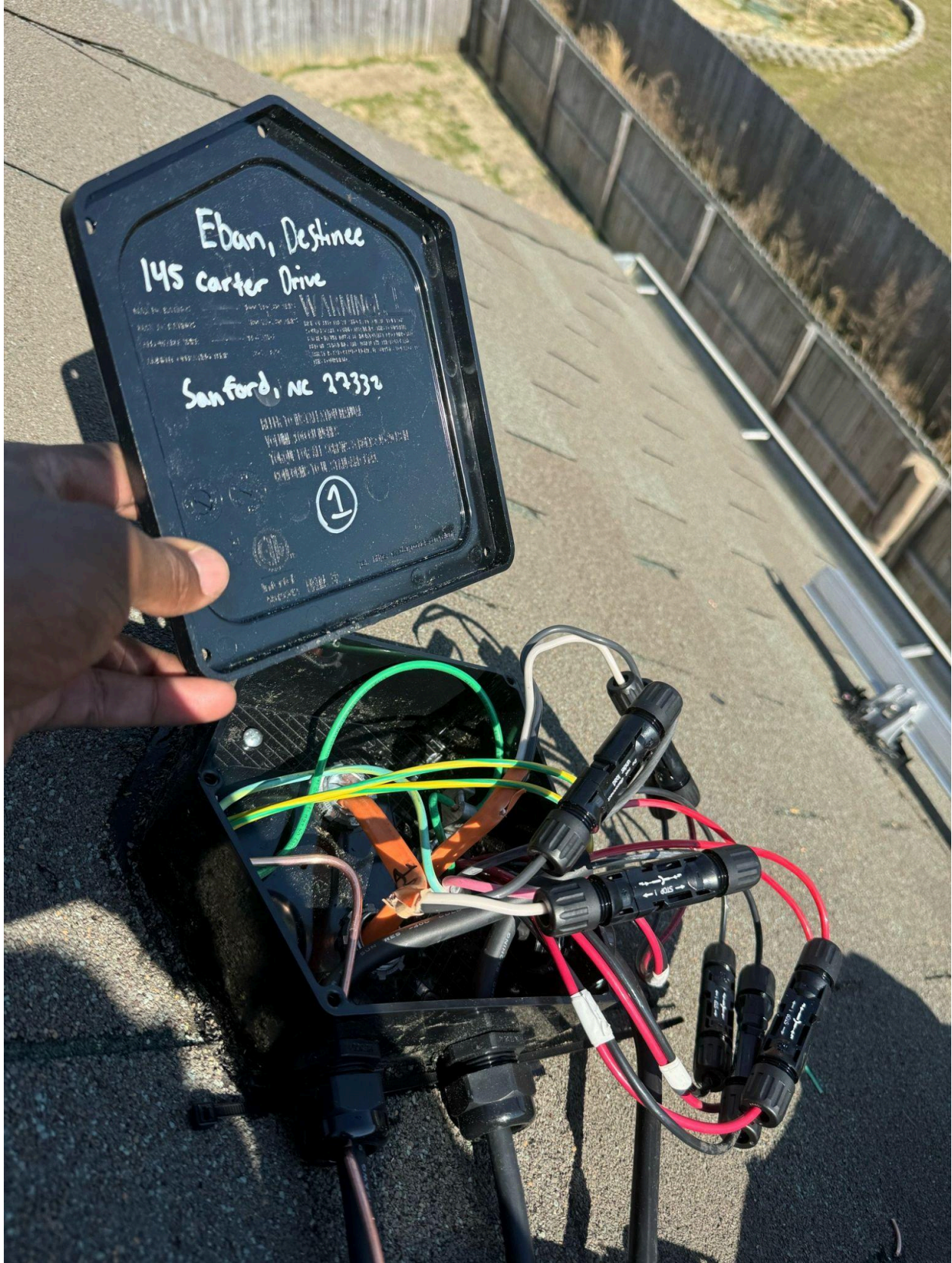
Warning
 PV modules generate voltage even with very weak light. Do not open the junction box. Les modules PV produisent tension même en basse lumière. Ne pas ouvrir la boîte de jonction.

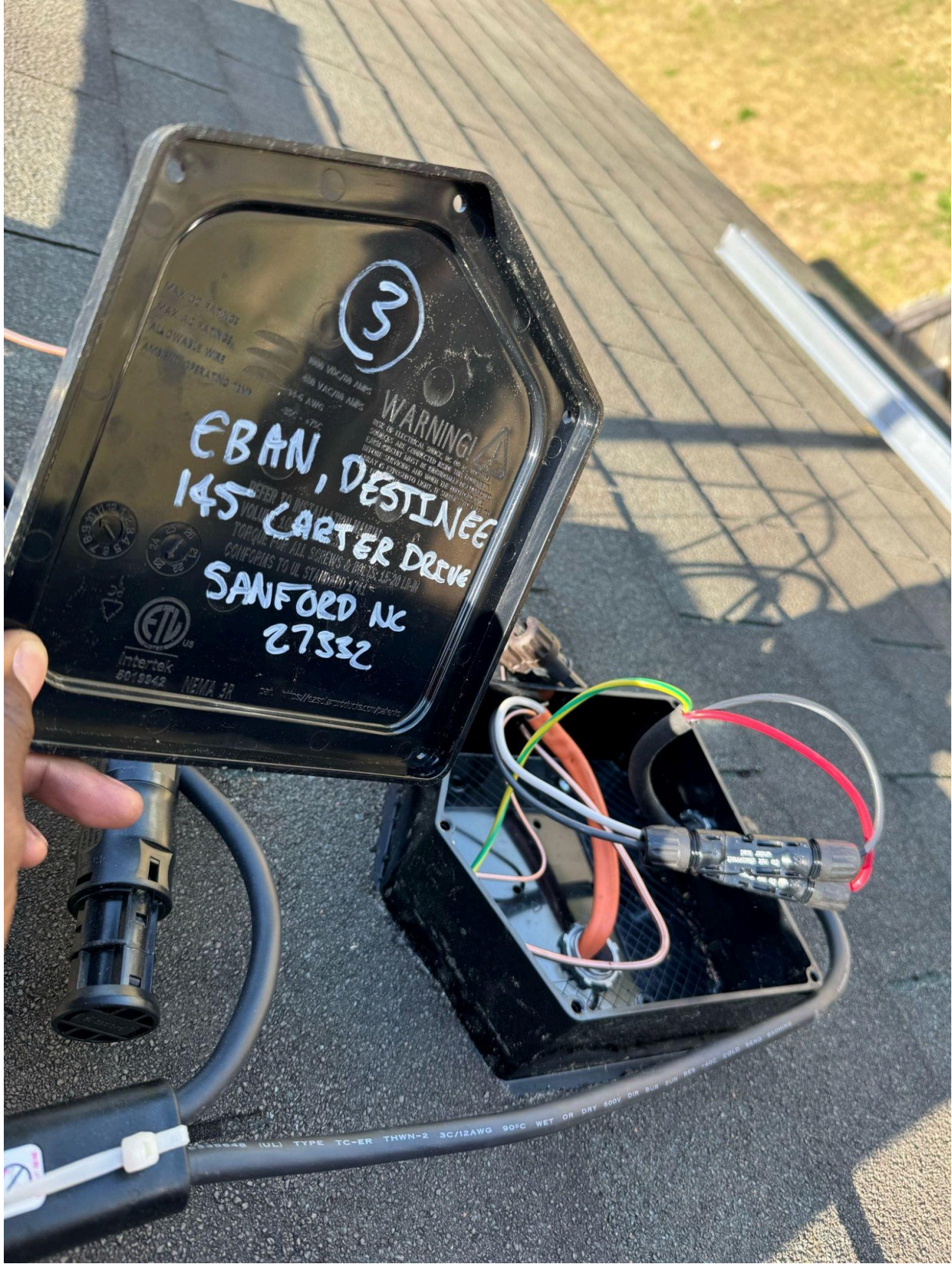


Address:
 8303 S. New Braunfels Ave.
 San Antonio, TX 78235
ASSEMBLED IN THE USA









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EBAN, DESTINEE
145 CARTER DRIVE
SANFORD NC
27332

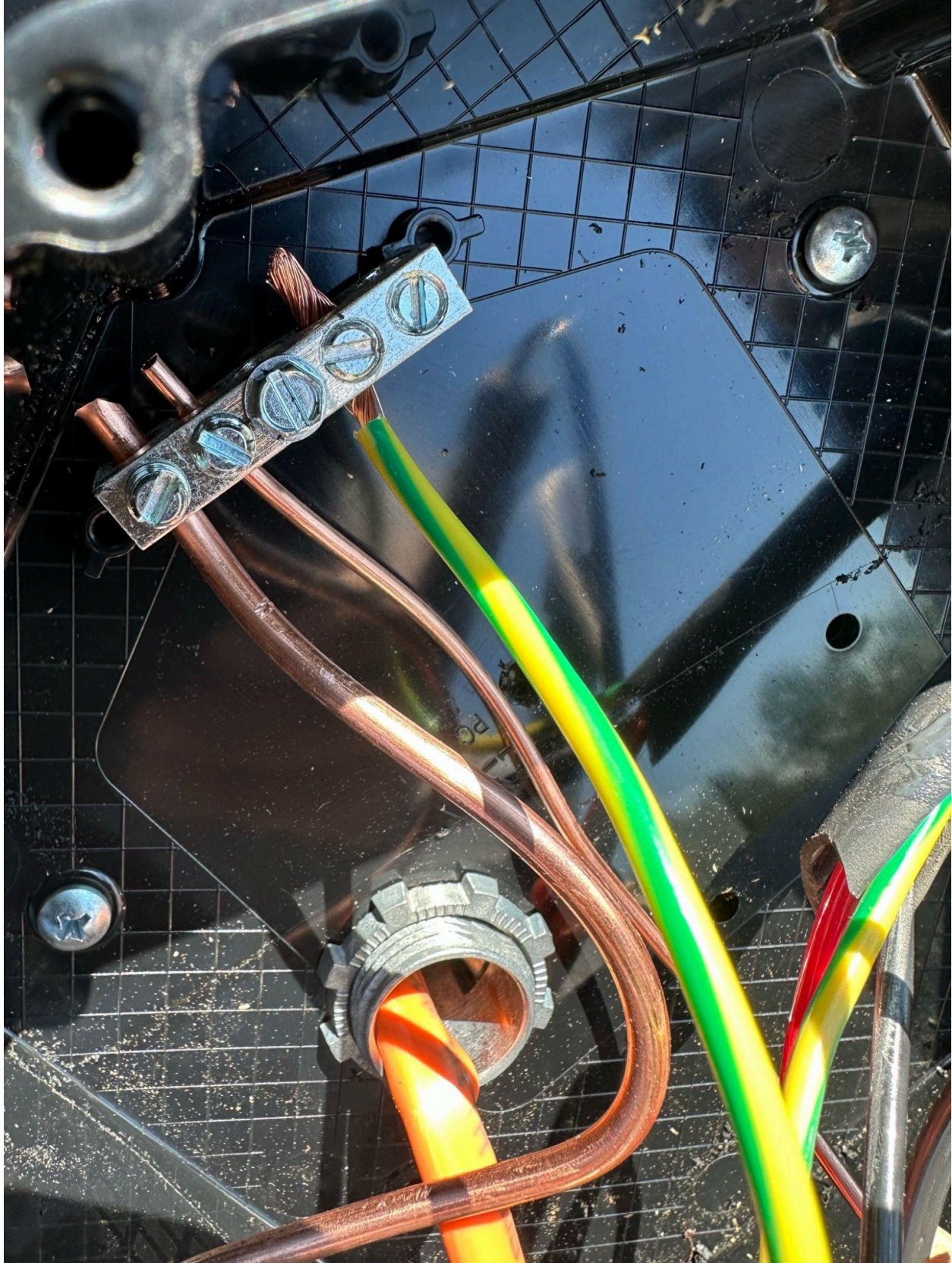
WARNING

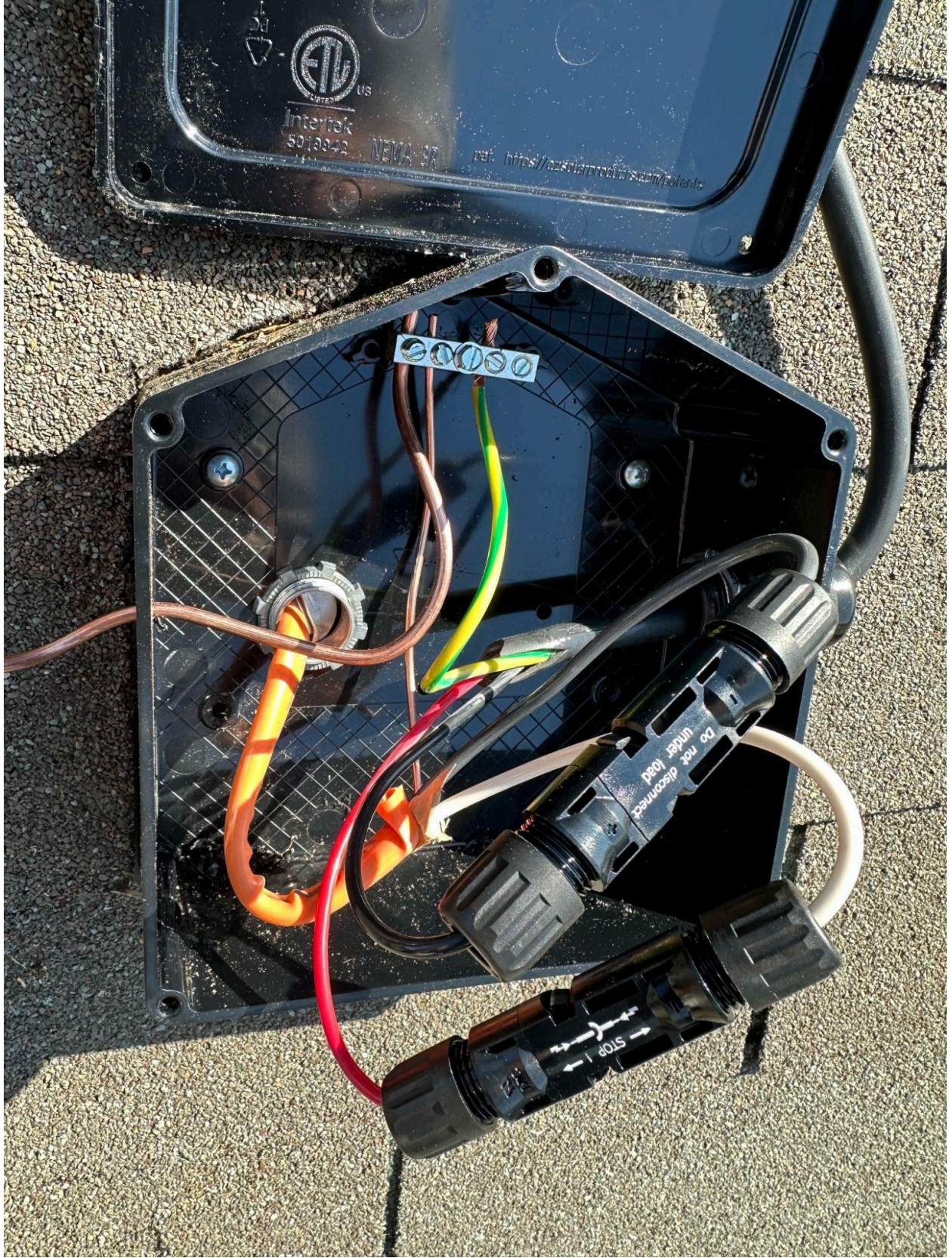
MAX. VOLTAGE 300V AC
MAX. CURRENT 15A
MAX. WIRE SIZE 14 AWG
MAX. WIRE TEMPERATURE 90°C

REFER TO INSTALLATION MANUAL FOR ALL SCREWS & NUTS. AS TO LOAD CAPACITY, REFER TO UL STANDARD 314.

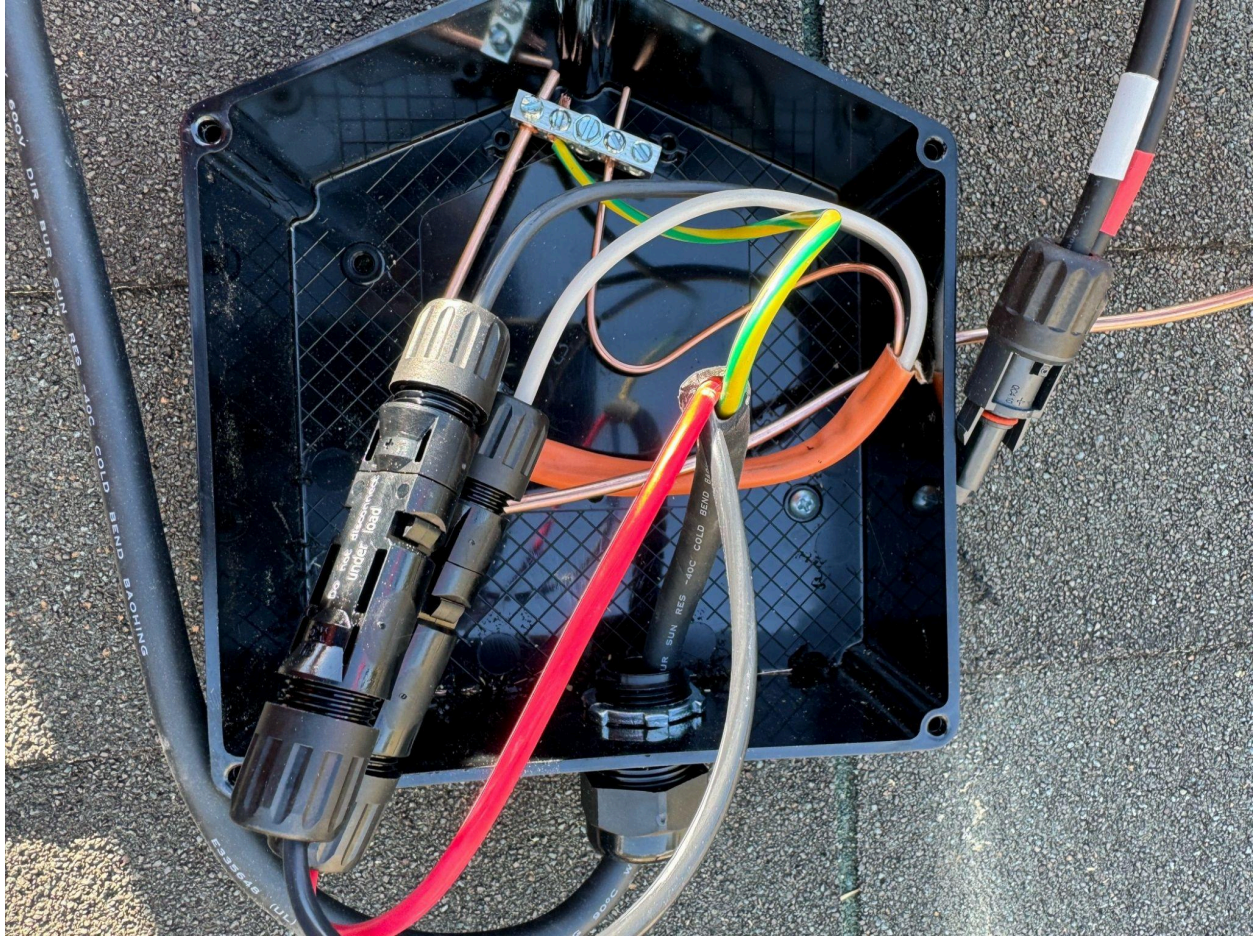
Intertek
8019942 NEMA 3R

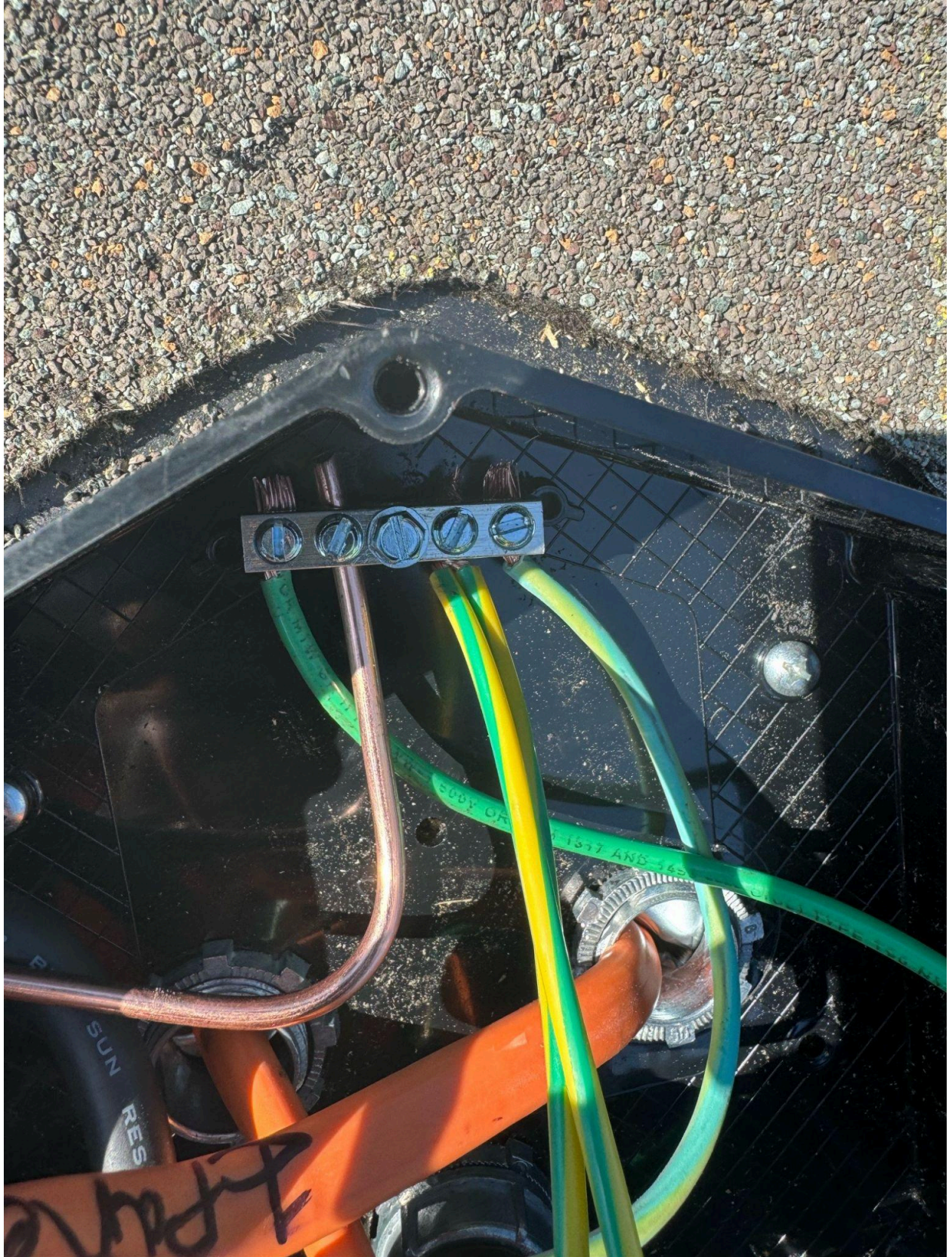
UL TYPE TC-ER THWN-2 3C/12AWG 90°C WET OR DRY 600V DIR BUR SUN RES ACC COLD BEND WARNING















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