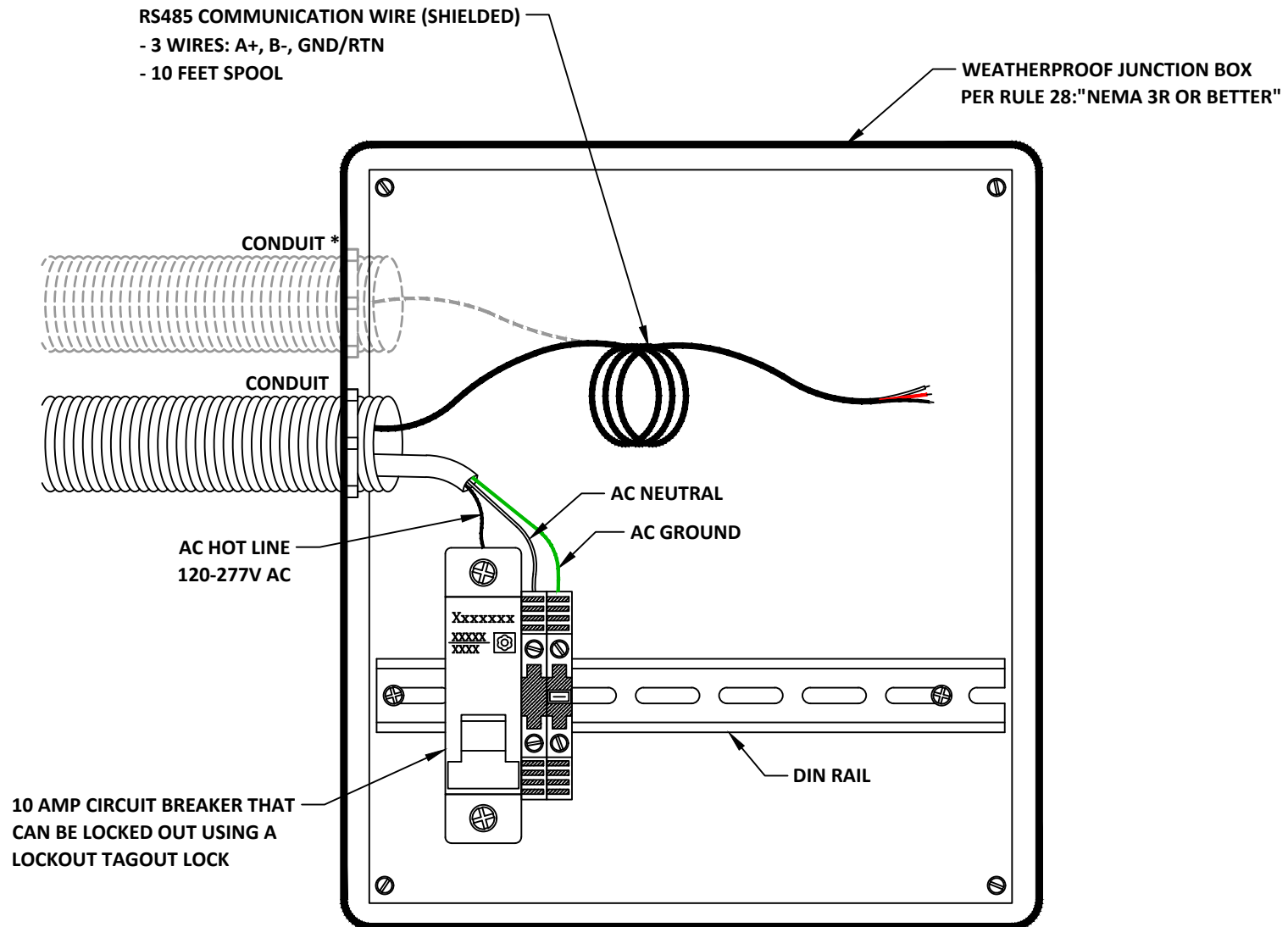


# FOR MODBUS-OVER-RS485 JUNCTION BOXES



\* NOTE, PER THE NEC:

IF LINE-TO-GROUND VOLTAGE IS 150V OR LESS, THE POWER CABLE AND COMMUNICATION CABLE CAN BE RUN IN THE SAME CONDUIT. OTHERWISE, THE POWER CABLE AND COMMUNICATION CABLE MUST BE RUN IN SEPARATE CONDUITS.

# FOR MODBUS-OVER-RS485 JUNCTION BOXES

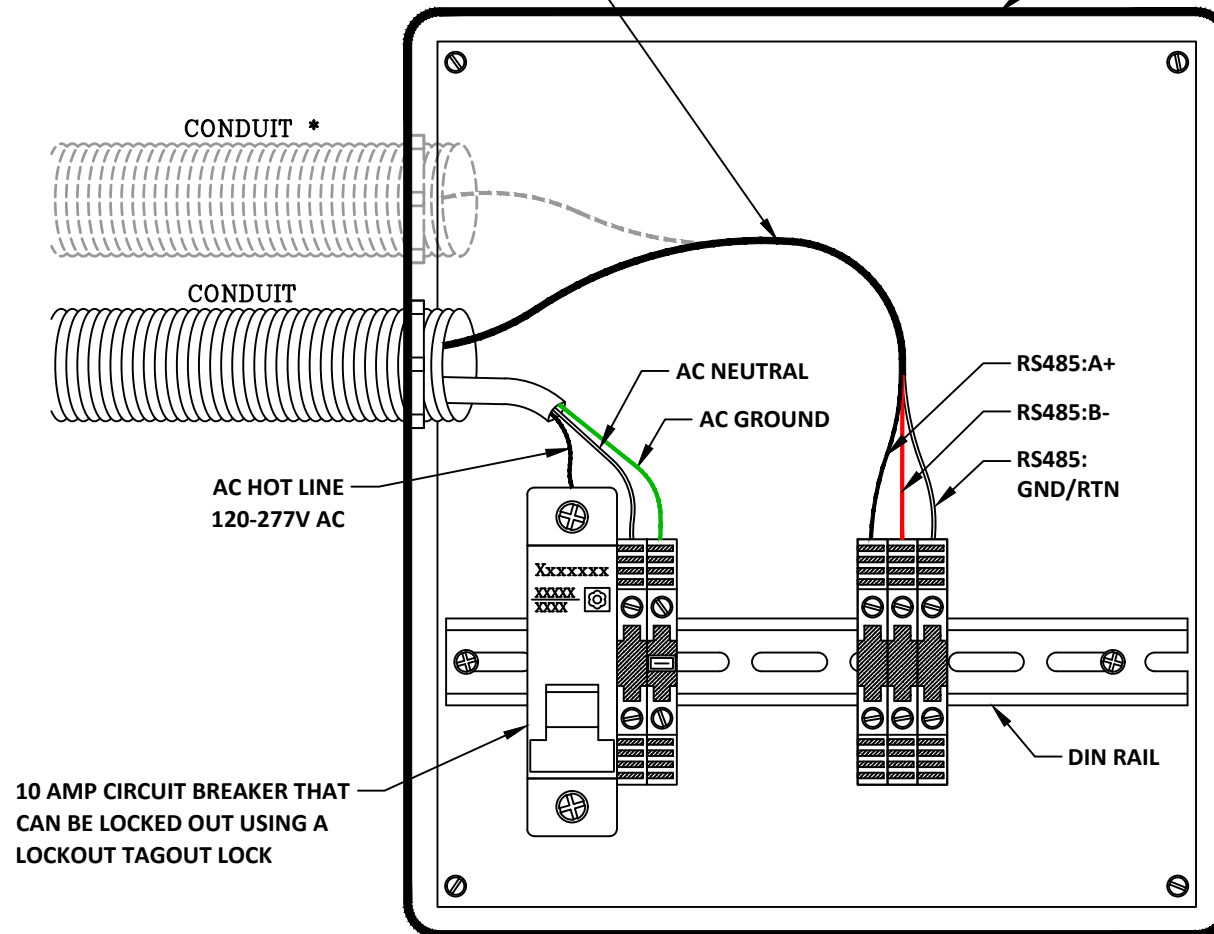
RS485 COMMUNICATION WIRE (SHIELDED)

- 3 WIRES: A+, B-, GND/RTN

- TERMINATED INTO PASS-THROUGH TERMINAL BLOCKS

WEATHERPROOF JUNCTION BOX

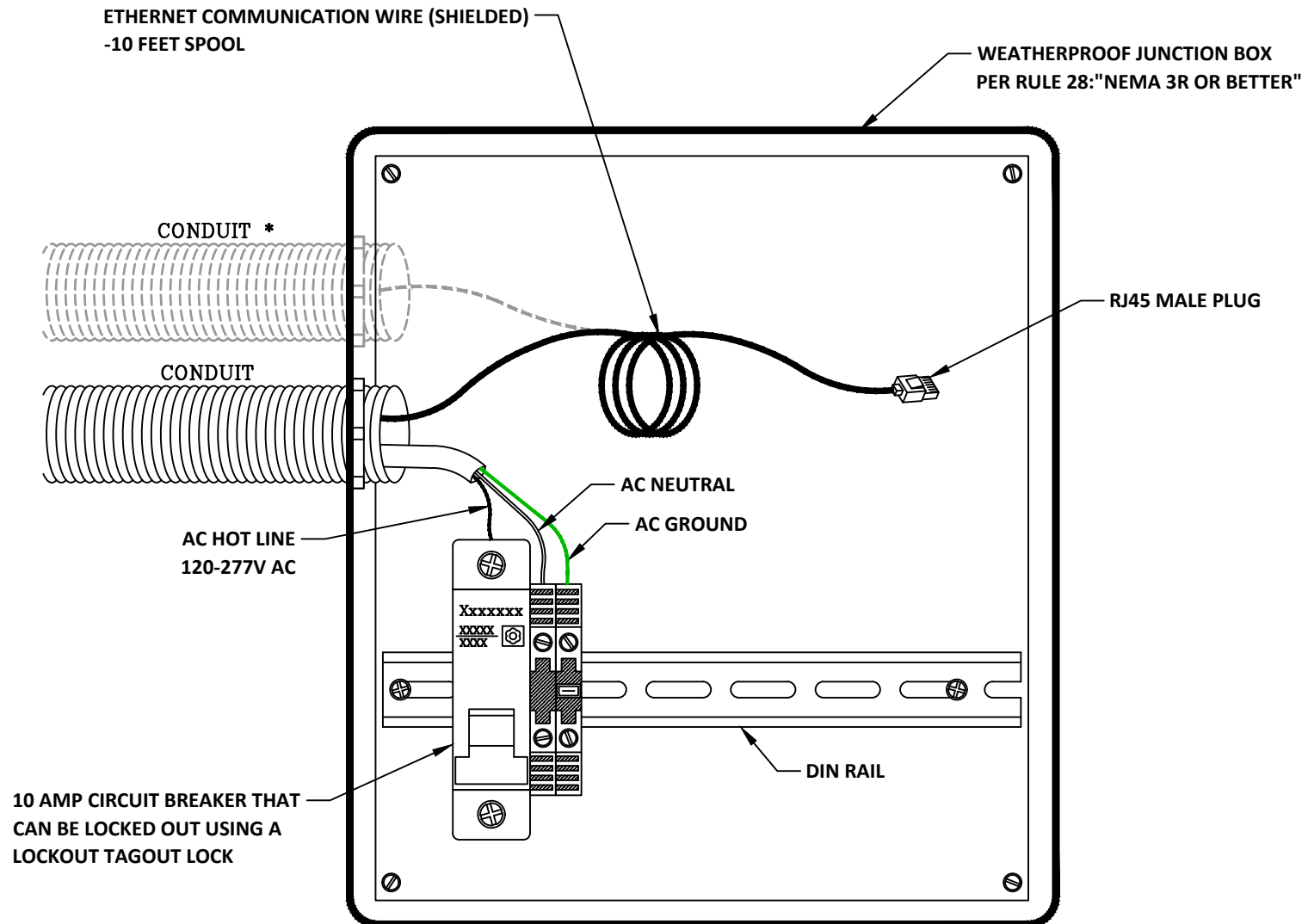
PER RULE 28: "NEMA 3R OR BETTER"



\* NOTE, PER THE NEC:

IF LINE-TO-GROUND VOLTAGE IS 150V OR LESS, THE POWER CABLE AND COMMUNICATION CABLE CAN BE RUN IN THE SAME CONDUIT. OTHERWISE, THE POWER CABLE AND COMMUNICATION CABLE MUST BE RUN IN SEPARATE CONDUITS.

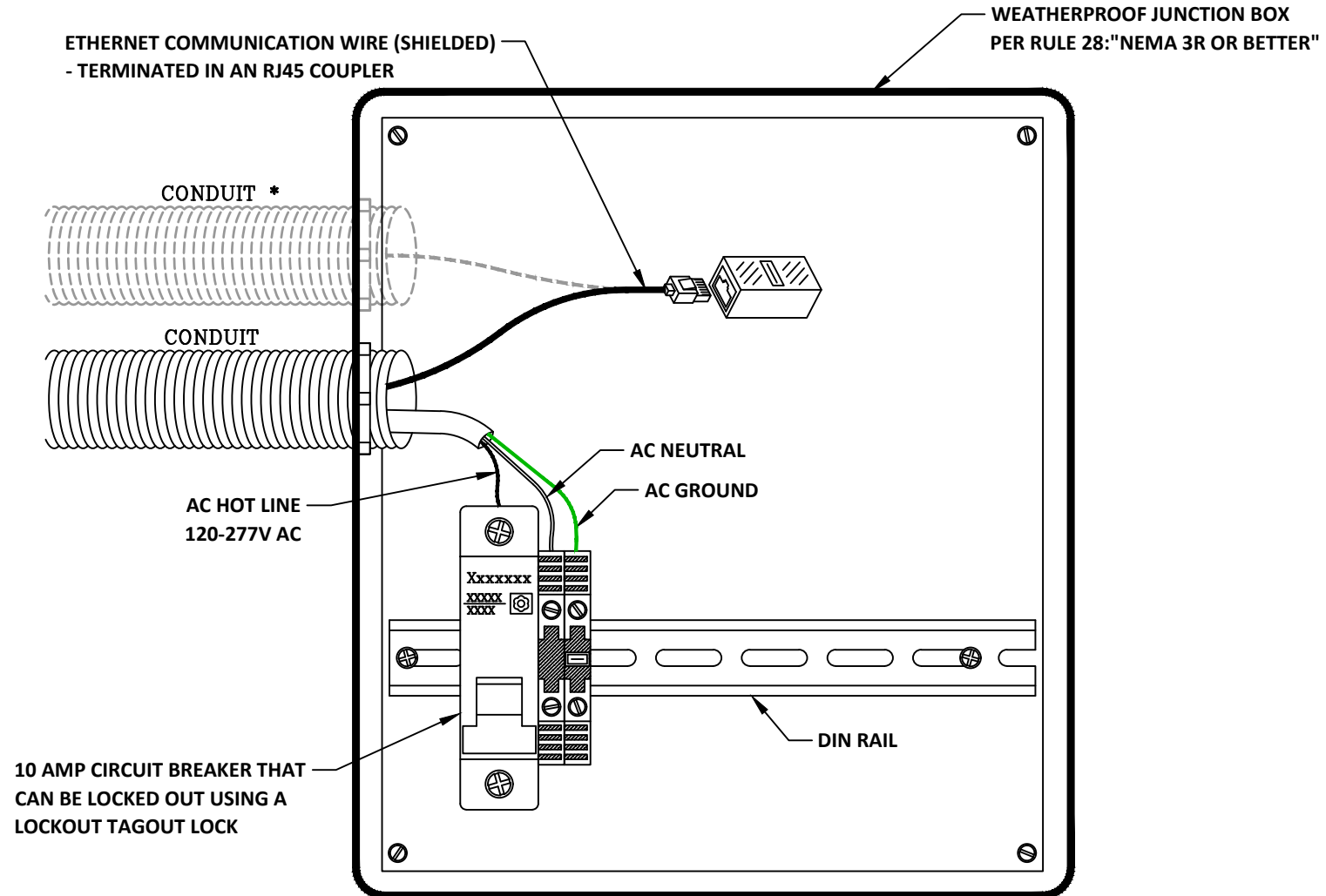
# FOR MODBUS-OVER-ETHERNET OR IEEE 2030.5 JUNCTION BOXES



\* NOTE, PER THE NEC:

IF LINE-TO-GROUND VOLTAGE IS 150V OR LESS, THE POWER CABLE AND COMMUNICATION CABLE CAN BE RUN IN THE SAME CONDUIT. OTHERWISE, THE POWER CABLE AND COMMUNICATION CABLE MUST BE RUN IN SEPARATE CONDUITS.

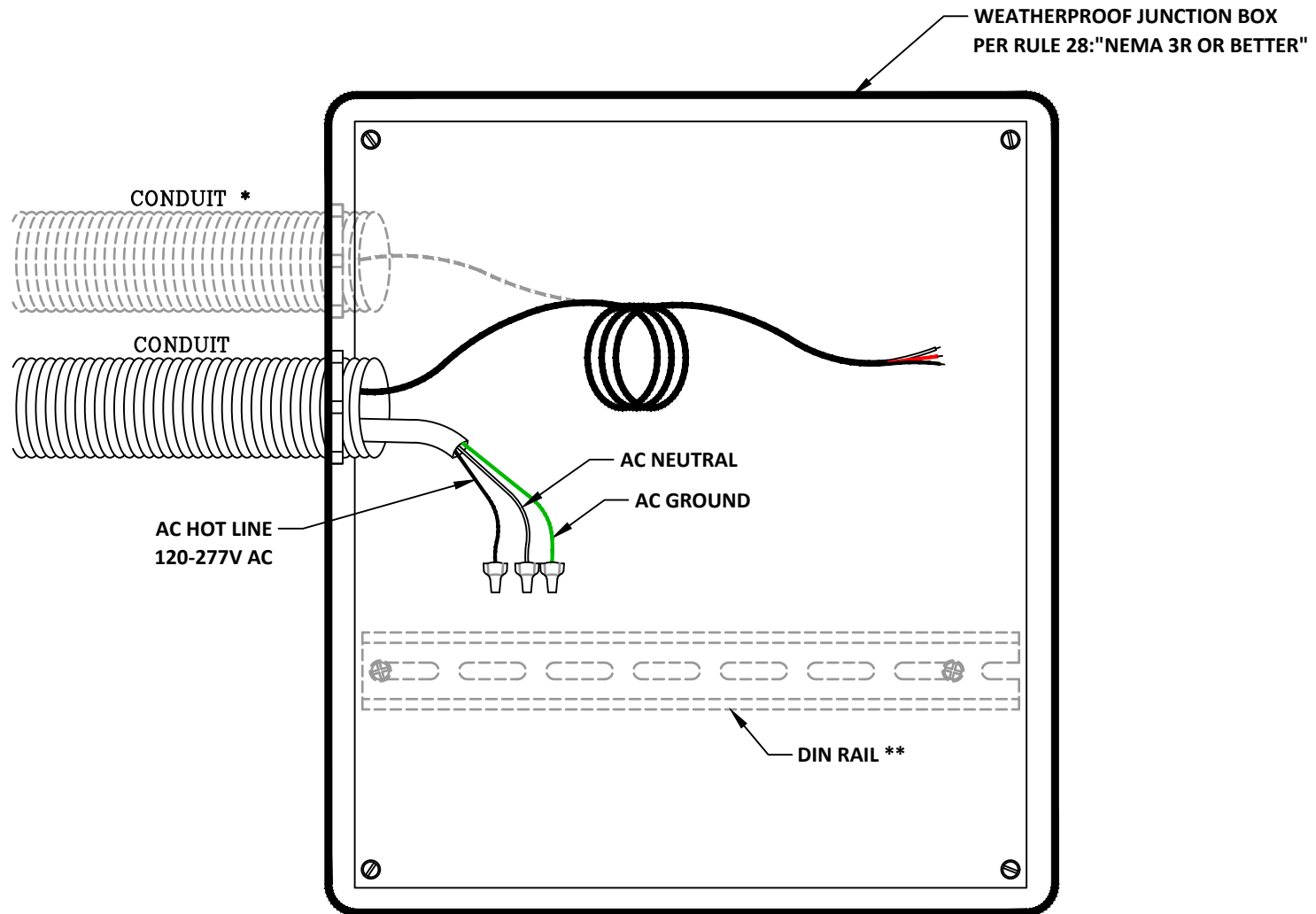
# FOR MODBUS-OVER-ETHERNET OR IEEE 2030.5 JUNCTION BOXES



**\* NOTE, PER THE NEC:**

**IF LINE-TO-GROUND VOLTAGE IS 150V OR LESS, THE POWER CABLE AND COMMUNICATION CABLE CAN BE RUN IN THE SAME CONDUIT. OTHERWISE, THE POWER CABLE AND COMMUNICATION CABLE MUST BE RUN IN SEPARATE CONDUITS.**

# IF AC SOURCE CAN BE DE-ENERGIZED VIA THE GENERATOR ISOLATION DEVICE (THE AC DISCONNECT)



**\* NOTE, PER THE NEC:**

**IF LINE-TO-GROUND VOLTAGE IS 150V OR LESS, THE POWER CABLE AND COMMUNICATION CABLE CAN BE RUN IN THE SAME CONDUIT. OTHERWISE, THE POWER CABLE AND COMMUNICATION CABLE MUST BE RUN IN SEPARATE CONDUITS.**

**\*\* IF AC SOURCE CAN BE DE-ENERGIZED VIA THE GENERATOR ISOLATION DEVICE (THE AC DISCONNECT), INSTALLING DIN RAIL AND POWER TERMINAL BLOCKS IS NOT NECESSARY. SAFELY TERMINATE EACH OF THE THREE AC POWER WIRES (L, N, AND G) (E.G., USING WIRE NUTS OR WAGO LEVER NUTS).**