Hub Mini Module
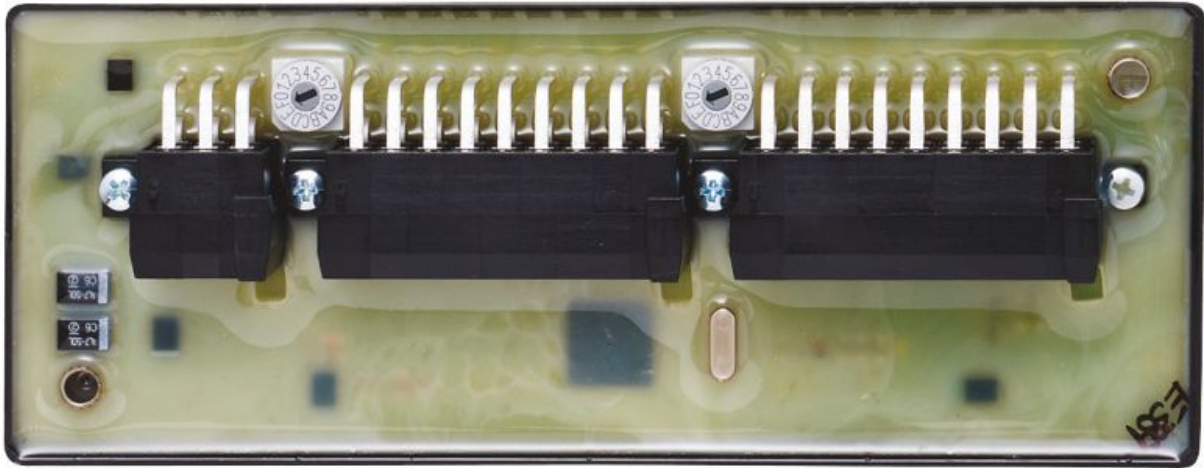

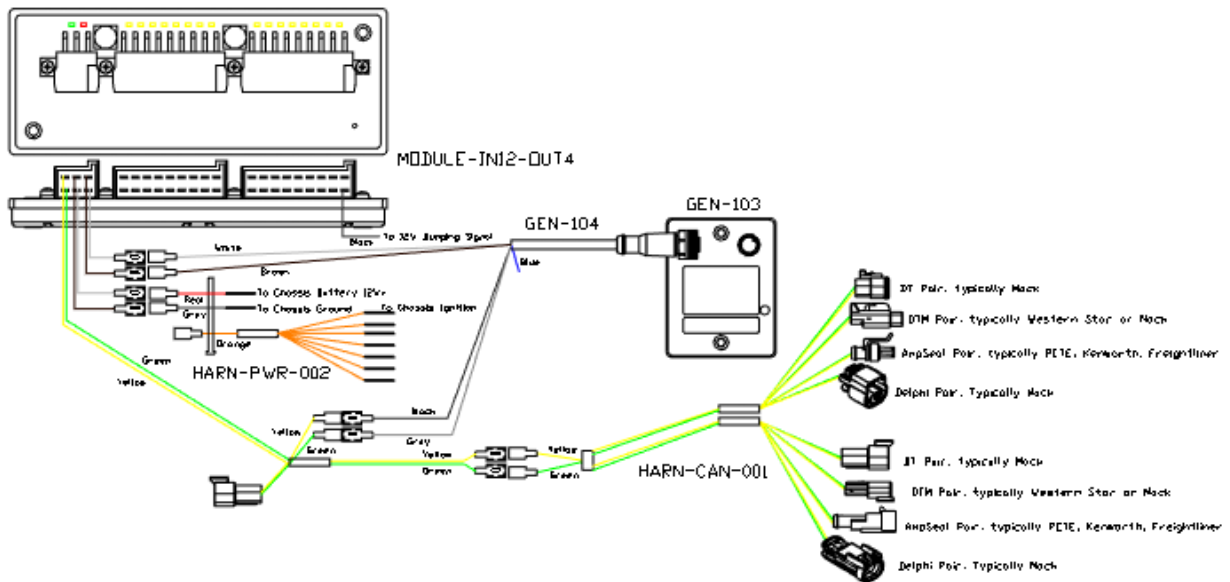# Web Portal Settings
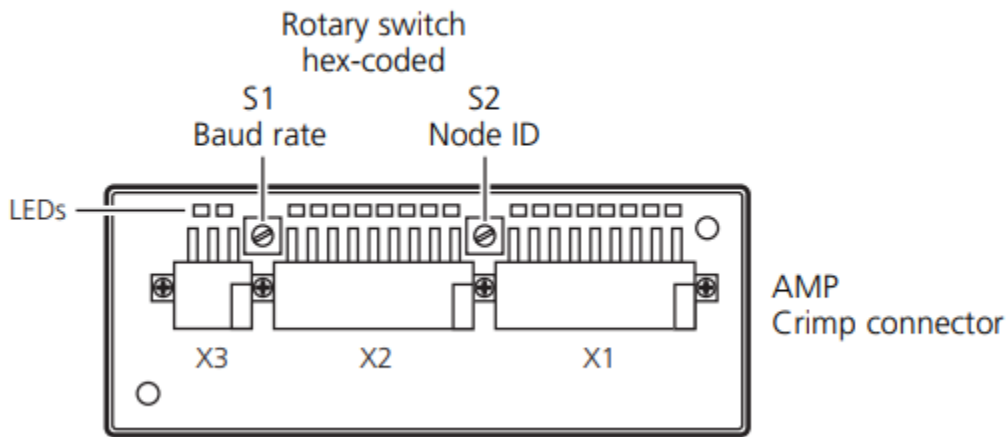
Make sure on the DF+ Devices page on Digital Fleet web portal that "Hub Mini" is selected.

+	1936036	Truck	500	500	Chassis	0	Hub Mini	CR3130

Typical Wiring (Dump Truck)

Hardware Switch Settings and LED Status

Rotary switch
hex-coded

S1
Baud rate

S2
Node ID

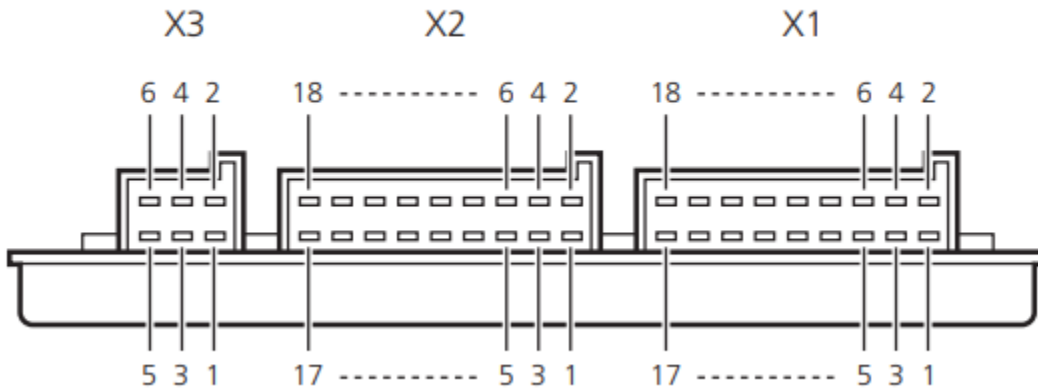LEDs

X3   X2   X1

AMP
Crimp connector

- Leave S2 (Node ID) set to 'F'.
- Change S1 (Baud Rate) based on chassis baud rate.
  - Set to '3' for 250k baud rate.
  - Set to '2' for 500k baud rate.

LED	State	Description
PWR (green)	OFF ON 1 x ON 2.5 Hz	no supply voltage module in stand-by mode CANopen status: PREOPERATIONAL / PREPARED outputs = OFF module in stop mode CANopen status: STOP outputs = OFF module active CANopen status: OPERATIONAL outputs are updated
DIA (red)	OFF ON 1 x ON 2 x ON 3 x ON	communication OK communication disturbed, CAN bus OFF communication disturbed: • CAN error warning level exceeded • node guard / heartbeat error (if node guarding / heartbeat is activated) • no synch objects (if synch monitoring is activated)
IN (yellow)	OFF ON	input not switched input switched

GOOD STATE: PWR LED flashing green, DIA LED is off, and the LED next to the dump input changes as the input changes.

Hub Mini Wiring and Connector Breakdown

Connector X3
- Position 1: Connect to constant battery power
- Position 2: Connect to ground
- Position 3: Connect to bridge power (white wire)
- Position 4: Connect to bridge ground (brown wire)
- Position 5: Connect to CANL terminal on CAN harness
- Position 6: Connect to CANH terminal on CAN harness

Connector X2
- Not used at this time

Connector X1
- Position 1: Connect to 12V switch input for dump status (STB: 12v means dumping)
- Position 2: Not connected
- Position 3: Not connected
- Position 4: Not connected
- Position 5: Not connected
- Position 6: Not connected
- Position 7: Not connected
- Position 8: Not connected
- Position 9: Not connected
- Position 10: Not connected
- Position 11: Not connected
- Position 12: Not connected
- Position 13: Not connected
- Position 14: Not connected
- Position 15: Not connected
- Position 16: Not connected
- Position 17: Not connected
- Position 18: Not connected