850-216: 50 Pin Cable Harness

Description: The 850-216 cable harness is used to connect a CCU2EN or iCCU-S to a traffic cabinet’s load switch outputs, button field terminals and preemption inputs (where applicable). The cable harness also provides the communication interface between the Navigator APS pushbutton stations connected to an interconnect board and the iCCU-S/CCU2EN in the cabinet. Connector and wiring detail is provided on page 2 of this specification sheet.

Cable Lengths:
Cable 1: 12’
Cable 2: 12’
Cable 3: 12’
Cable 4: 12’

Dimensions are in inches.
850-217: 50 Pin Cable Harness

Description: The 850-217 cable harness is used to connect a CCU2EN or iCCU-S to a traffic cabinet’s load switch outputs, button field terminals and preemption inputs (where applicable). The cable harness also provides the communication interface between the Navigator APS pushbutton stations connected to an interconnect board and the iCCU-S/CCU2EN in the cabinet. Connector and wiring detail is provided on page 2 of this specification sheet.

Cable Lengths:
- Cable 1: 8'
- Cable 2: 8'
- Cable 3: 4'
- Cable 4: 8'

Dimensions are in inches.
850-390: 50 Pin Cable Harness

**Description:** The 850-390 cable harness is used to connect a CCU2EN or iCCU-S to a traffic cabinet’s load switch outputs, button field terminals and preemption inputs (where applicable). This cable harness makes hookup for preemption easier due to the extra length on Cable #3. The cable harness also provides the communication interface between the Navigator APS pushbutton stations connected to an interconnect board and the iCCU-S/CCU2EN in the cabinet.

Connector and wiring detail is provided on page 2 of this specification sheet.

**Cable Lengths:**
- Cable 1: 8'
- Cable 2: 8'
- Cable 3: 8'
- Cable 4: 8'

Dimensions are in inches.
CABLE HARNESS CONNECTOR/WIRING DETAIL

#1 7 CONDUCTOR CABLE

- COM: BLK 46
- A: BRN 15
- B: RED 31
- C: ORA 14
- D: YEL 30
- COM: GRN 47
- +22: BLU 13

Connector Pin Numbers

Disconnect button field wires in cabinet from where they normally connect to and connect field wires to interconnect board according to phasing.

Used for options only

#2 5 CONDUCTOR CABLE

- PED COM: WHT/BLK 34
- PED A: WHT/BRN 18
- PED B: WHT/RED 19
- PED C: WHT/ORA 1
- PED D: WHT/YEL 2

Connect to terminals where button field wires used to connect.

#3 12 CONDUCTOR CABLE

Connect to 115VAC feeds to ped heads according to phasing.

#4 10 CONDUCTOR CABLE

- W/DW COM: WHT 11
- A: WHT 25
- A: RED 43
- B: ORA 42
- B: YEL 8
- C: BLK 26
- C: BLU 9
- D: VTO 27
- D: GRY 10
- NOT USED: GRY 12

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Dimensions are in inches.