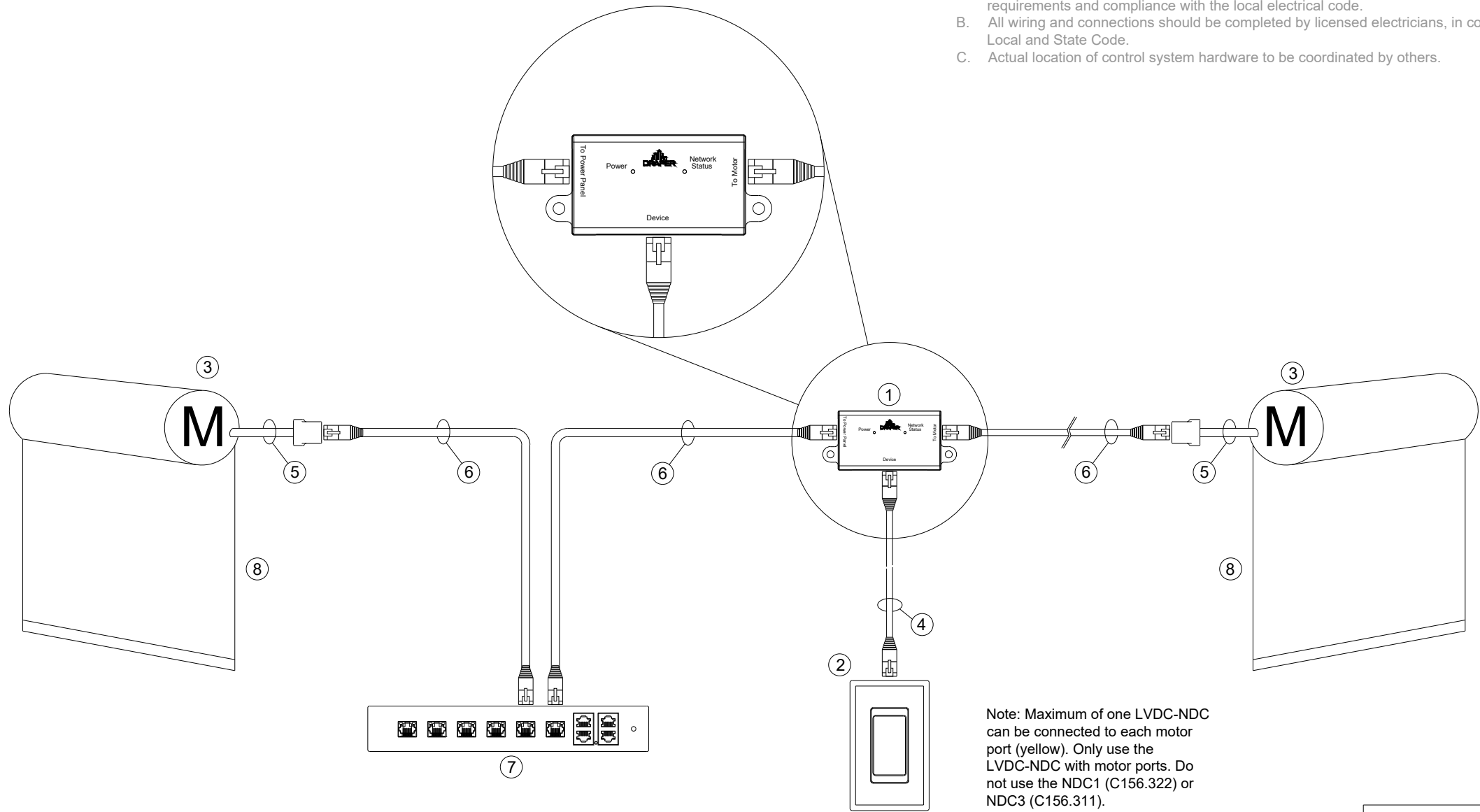


NOTES

- A. Wiring layouts are indicative only. It is the responsibility of others to determine the specific requirements and compliance with the local electrical code.
- B. All wiring and connections should be completed by licensed electricians, in compliance with Local and State Code.
- C. Actual location of control system hardware to be coordinated by others.

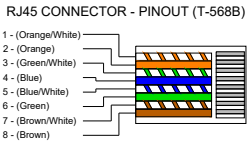


Note: Maximum of one LVDC-NDC can be connected to each motor port (yellow). Only use the LVDC-NDC with motor ports. Do not use the NDC1 (C156.322) or NDC3 (C156.311).

LED NAME	LED COLOR	LED DISPLAY	DESCRIPTION
POWER	GREEN		Power to the device
	RED		Network termination has been set to ON
NETWORK STATUS	BLINKING YELLOW		Communicating on the network. The blink pattern shows total number of devices on network. A short blink = 1 device A long blink = 10 devices

System Components	
1	Intelliflex I/O Network Device Connector for Low Voltage DC System, UL Certified, Plenum Rated. Part # C156.321
2	Intelliflex I/O Single Zone / Dual Zone Wall Switch Part# C112.161 / C112.162
3	Intelliflex I/O LVDC Smart Motor Part# C047.342
4	Intelliflex I/O Bus Line - Low Voltage (BY OTHERS) CAT 5E Cable, straight thru connection with RJ45 termination. Overall wire length not to exceed 4000 ft.
5	Intelliflex I/O LVDC Motor Cable CAT 6 Data Cable, straight thru connection with Female RJ45 (8P8C) termination. 1 ft. Standard Length.
6	Intelliflex I/O Motor Line - Low Voltage (BY OTHERS) Cat 6E Cable, straight thru connection with RJ45 termination.
7	LVDC6 (C156.315), LVDC6 w/ Enclosure (C156.315SA), LVDC12 (C156.316) or LVDC12 w/ Enclosure (C156.316SA)
8	Roller Shade

RJ45 CONNECTOR - PINOUT (T-568B)	
GAUGE	LENGTH
23 AWG	700 Ft.
24 AWG	550 Ft.
DO NOT use Pass-Through Connectors	
MOTOR LINE	



DRAWING NAME

Intelliflex I/O LVDC System
Typical Wiring Diagram
using LVDC-NDC

PROJECT NOTES

1. THESE DRAWINGS ARE THE SOLE PROPERTY OF DRAPER INC. AND MAY NOT BE USED OR DUPLICATED WITHOUT WRITTEN CONSENT FROM DRAPER. DRAPER ASSUMES NO RESPONSIBILITY FOR WORK AND/OR ERRORS INCURRED BY OTHER TRADES THROUGH THE USE OF THESE DRAWINGS.
2. ALL SHOP DRAWINGS, NOTATIONS, AND DIMENSIONS MUST BE APPROVED BY THE PURCHASER IN ORDER FOR DRAPER TO PROCEED WITH MATERIAL FABRICATION.

DRAPER, Inc. 411 S. Pearl Street, Spiceland, Indiana 47385 EMAIL: drapercontract@draperinc.com PH: 765-987-7999 FAX: 866-637-5611

REVISION DESCRIPTION	MM-DD-YY	BY
☐ SUBMITTED FOR REVIEW	07-14-23	BJM
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