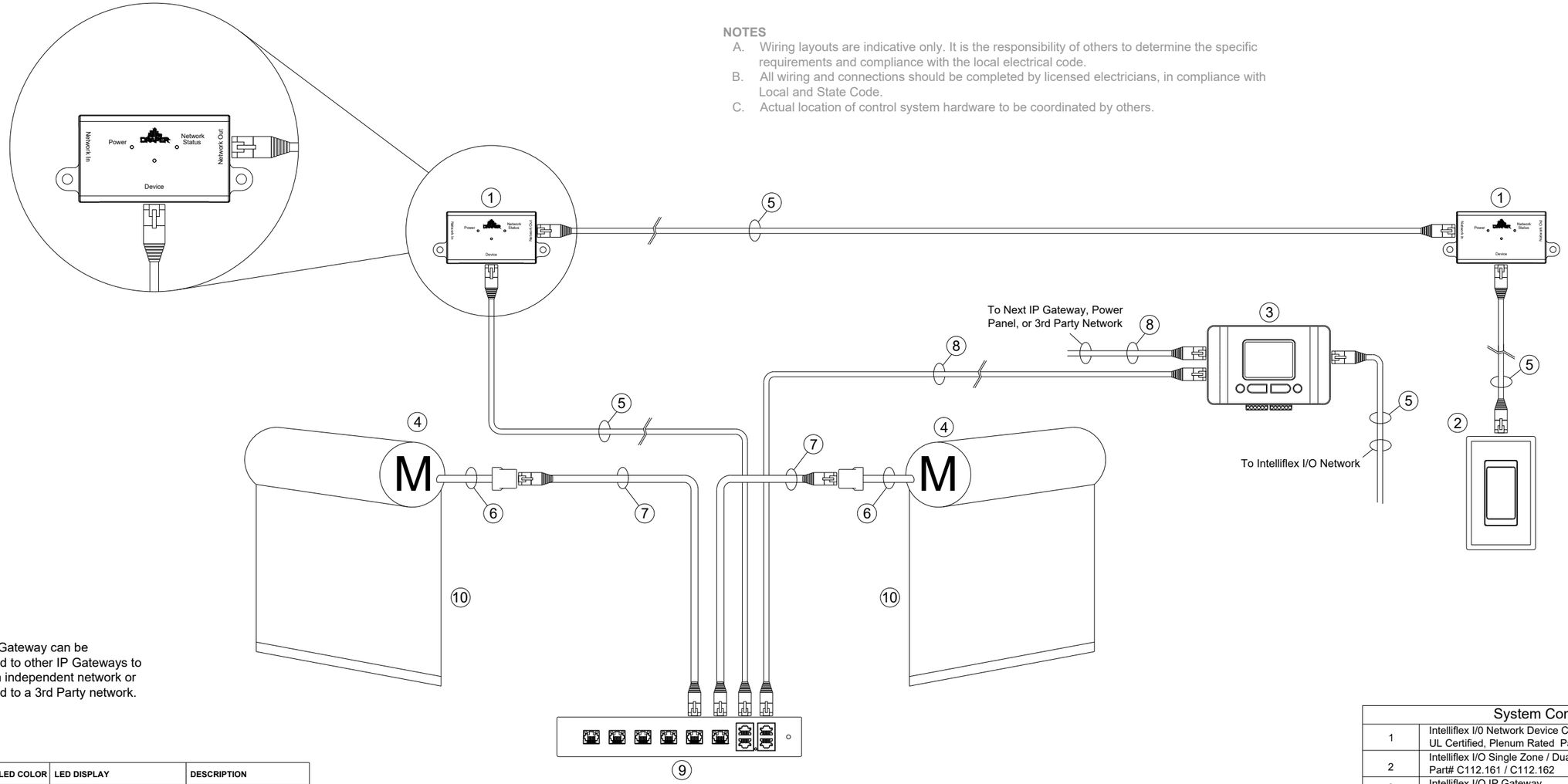
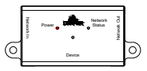
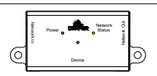
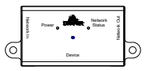
NOTES

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: IP Gateway can be connected to other IP Gateways to create an independent network or connected to a 3rd Party network.

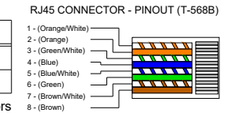
LED NAME	LED COLOR	LED DISPLAY	DESCRIPTION
POWER	GREEN		Power to the device
	RED		Network termination has been set to ON
NETWORK STATUS	BLINKING YELLOW		Communicating on the network. The blink pattern shows total number of devices on network. A short blink = 1 device A long blink = 10 devices
DEVICE	ALWAYS BLUE		Off - No device connected Solid On - Device connected Blinking - Device issue

7

GAUGE	LENGTH
23 AWG	700 Ft.
24 AWG	550 Ft.

DO NOT use Pass-Through Connectors

RJ45 CONNECTOR - PINOUT (T-568B)



MOTOR LINE

System Components	
1	Intelliflex I/0 Network Device Connecter (NDC1) UL Certified, Plenum Rated Part # C156.322
2	Intelliflex I/O Single Zone / Dual Zone Wall Switch Part# C112.161 / C112.162
3	Intelliflex I/O IP Gateway Part# C156.305
4	Intelliflex I/O LVDC Smart Motor Part# C047.342
5	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.
6	Intelliflex I/O LVDC Motor Cable CAT 6 Data Cable, straight thru connection with Female RJ45 (8P8C) termination. 1 ft. Standard Length.
7	Intelliflex I/O Motor Line - Low Voltage (BY OTHERS) Cat 6E Cable, straight thru connection with RJ45 termination.
8	Ethernet Cable - Low Voltage (BY OTHERS) CAT 5E or 6 Cable, straight thru connection with RJ45 termination. Not to exceed 300 ft.
9	LVDC6 (C156.315), LVDC6 w/ Enclosure (C156.315SA), LVDC12 (C156.316) or LVDC12 w/ Enclosure (C156.316SA)
10	Roller Shade

DRAPER®

DRAWING NAME

Intelliflex I/O LVDC System
Typical Wiring Diagram
with IP Gateway

PROJECT NOTES

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