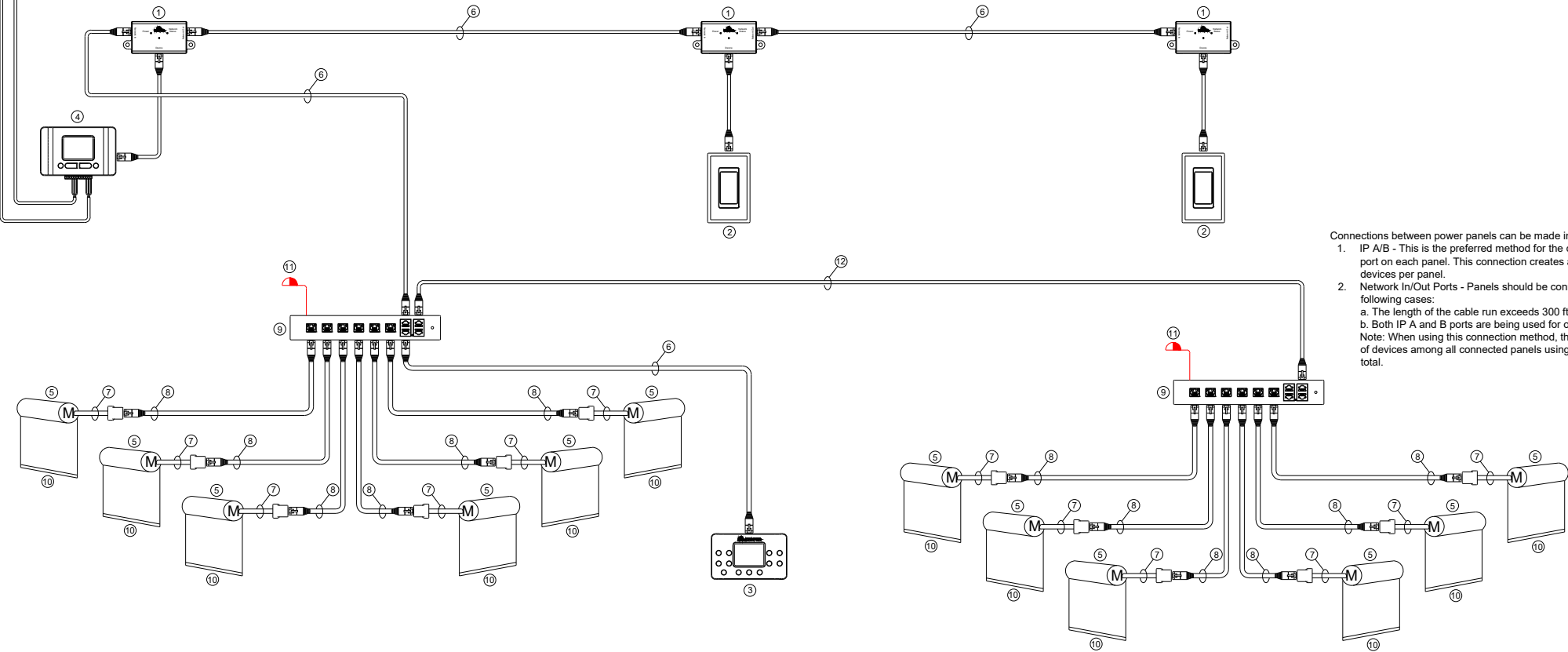
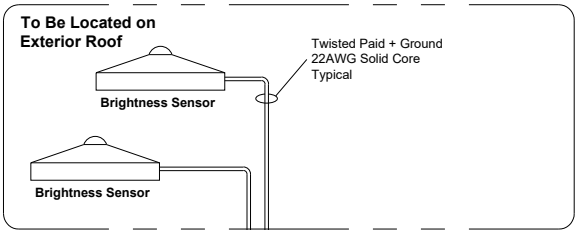


NOTES

- 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 in compliance with Local and State Code.
- C. Actual location of control system hardware to be coordinated by others.



- Connections between power panels can be made in one of two ways:
1. IP A/B - This is the preferred method for the connection. The cable can connect to either the IP A or B port on each panel. This connection creates a new network for each panel, allowing a maximum of 120 devices per panel.
 2. Network In/Out Ports - Panels should be connected using either the Network In or Out ports in the following cases:
 - a. The length of the cable run exceeds 300 ft.
 - b. Both IP A and B ports are being used for other connections.Note: When using this connection method, the panels are on the same network, and the total number of devices among all connected panels using Network In/Out ports must not exceed 120 devices in total.

8

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/O Network Device Connector (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 Motor Limit Tool Part# C202.060		
4	Intelliflex I/O Schedule Sensor Interface + Part# C156.304		
5	Intelliflex I/O LVDC Smart Motor Part# C047.342		
6	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.		
7	Intelliflex I/O LVDC Motor Cable CAT 6 Data Cable, straight thru connection with Female RJ45 (8P8C) termination. 1 ft. Standard Length.		
8	Intelliflex I/O Motor Line - Low Voltage (BY OTHERS) Cat 6E Cable, straight thru connection with RJ45 termination.		
9	LVDC6 (C156.315), LVDC6 w/ Enclosure (C156.315SA), LVDC12 (C156.316) or LVDC12 w/ Enclosure (C156.316SA)		
10	Roller Shade		
11	Input Power - 120VAC (BY OTHERS) LVDC6 - 4.8A Max LVDC12 - 8.0A Max		
12	Ethernet Cable - Low Voltage (BY OTHERS) CAT 5E or 6 Cable, straight thru connection with RJ45 termination. Not to exceed 300 ft.		

	<u>DRAWING NAME</u>	<u>PROJECT NOTES</u>				<u>REVISION DESCRIPTION</u>	<u>MM-DD-YY</u>	<u>BY</u>
	Intelliflex I/O LVDC System Motor Limit Tool Diagram	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.				☐ SUBMITTED FOR REVIEW	09-19-23	BJM
						☐ REVISION 1	09-27-23	BJM
						☐		
						☐		
						☐		
DRAPER, Inc. 411 S. Pearl Street, Spiceland, Indiana 47385		EMAIL: drapercontract@draperinc.com	PH: 765-987-7999	FAX: 866-637-5611	☐			