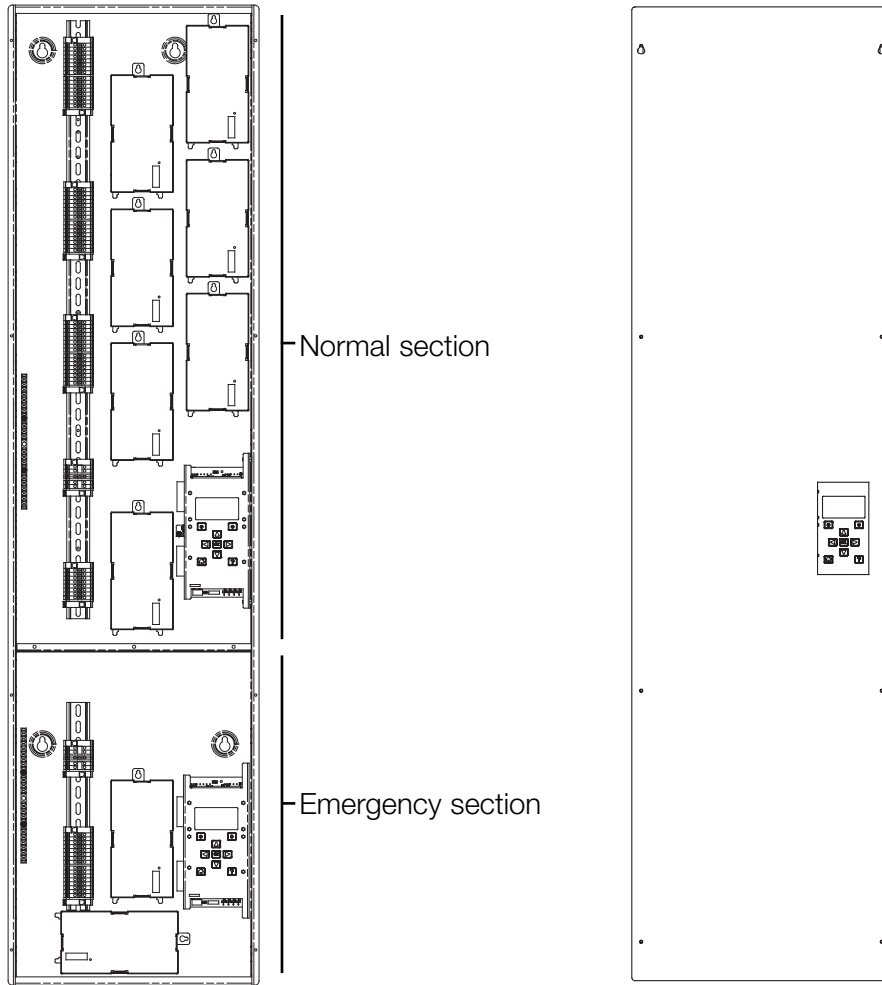


Combination Normal/Emergency Softswitch128® Panel – Feed-Through Only

Standard-size *Softswitch128* feed-through panels are available with internal separation allowing normal and emergency circuits to be wired into the same enclosure. Normal circuits are wired into the top section of the enclosure. Emergency circuits are wired into the bottom section of the enclosure. Each section is controlled by its own *Softswitch128* controller, and the sections are considered as separate panels during system programming.

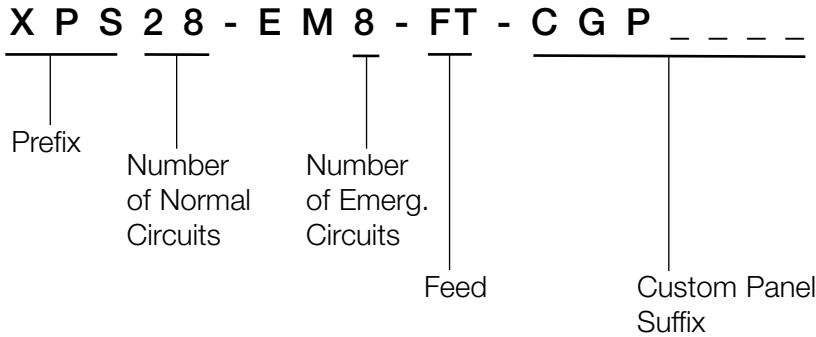


Combination
Normal/Emergency
Softswitch128 panel

Panel with cover

<p>Job Name:</p> <p>Job Number:</p>	<p>Model Numbers:</p>
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How to Build a Model Number for Combination Normal/Emergency Softswitch128® Panel



Prefix

XPS for *Softswitch128* panels

Number of Normal Circuits

Total number of normal circuits (switch legs) in the panel

Number of Emergency Circuits

Total number of emergency circuits (switch legs) in the panel

Feed

FT for feed-through panels.

Custom Panel Suffix

Indicates panel with special options.

Combination Normal/Emergency Softswitch128® Panel Models

Combination Normal/Emergency *Softswitch128*

Feed-Through Panels for 120/277 V \sim

Normal Switch Legs	Emergency Switch Legs	Feed Type	Maximum Feed
8	4 or 8		
12	4 or 8		
16	4 or 8	Feed-Through	20 A
20	4 or 8		
24	4 or 8		
28	4 or 8		

Job Name:

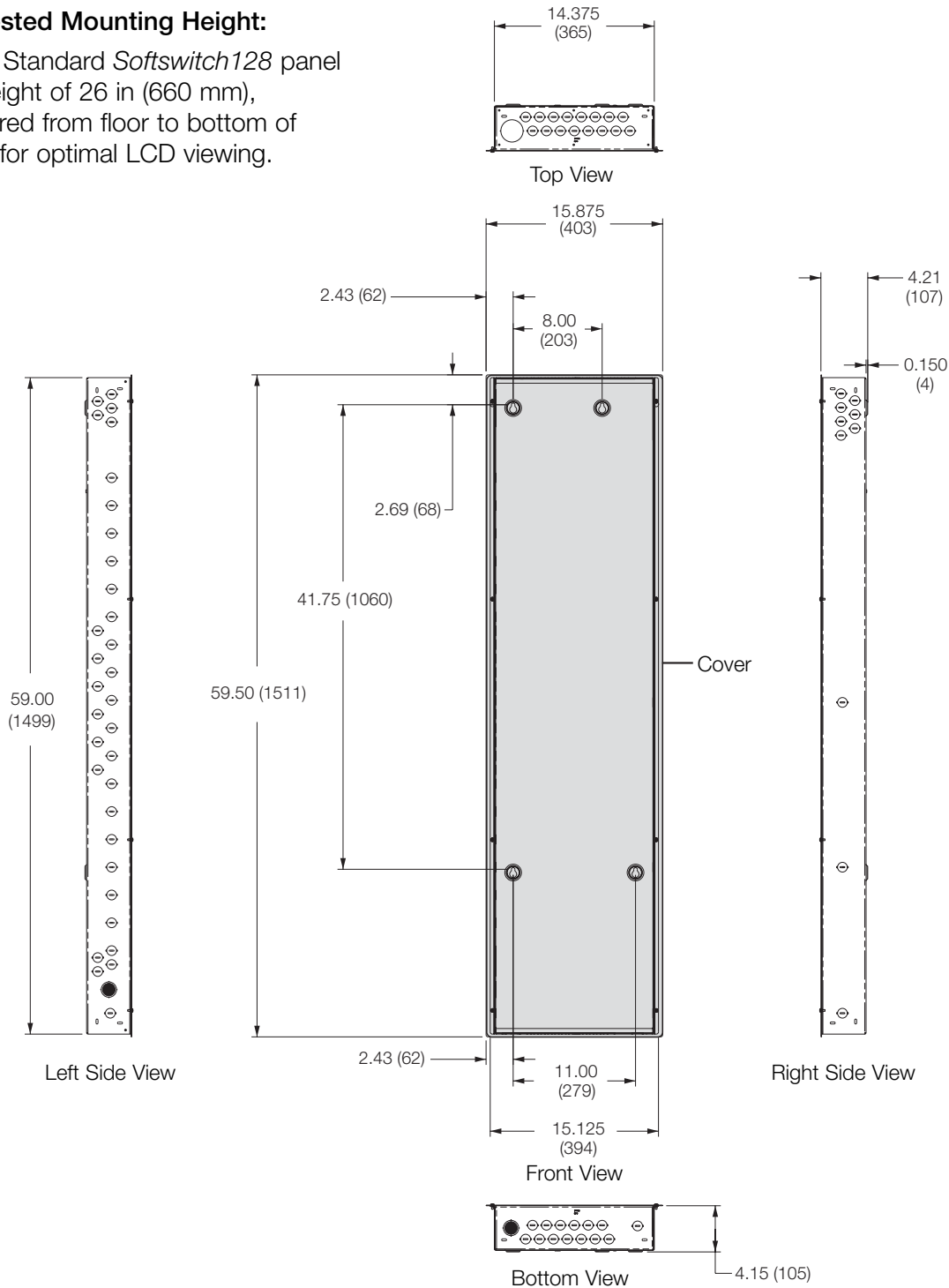
Model Numbers:

Job Number:

Combination Normal/Emergency Softswitch128® Panel Dimensions

Suggested Mounting Height:

Mount Standard *Softswitch128* panel at a height of 26 in (660 mm), measured from floor to bottom of panel, for optimal LCD viewing.



Dimensions in inches (mm).

<p>Job Name:</p> <p>Job Number:</p>	<p>Model Numbers:</p>
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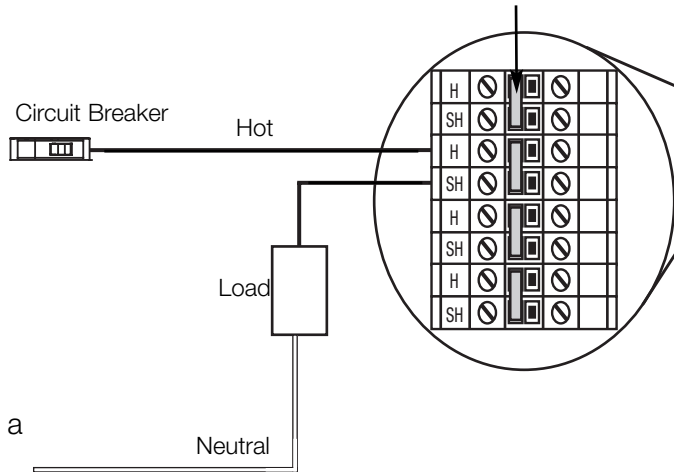
Combination Normal/Emergency Softswitch128® Panel Wiring Overview

Wire as shown. Use a trough when the *Softswitch128* panel is not adjacent to a distribution panel. Splice Neutrals in trough.

Do not remove bypass jumpers until load wiring is verified.

Switched load Wiring: Normal power section

Each switched circuit requires a dedicated 20 A circuit breaker and feed wiring to/from a normal power distribution panel, by others.

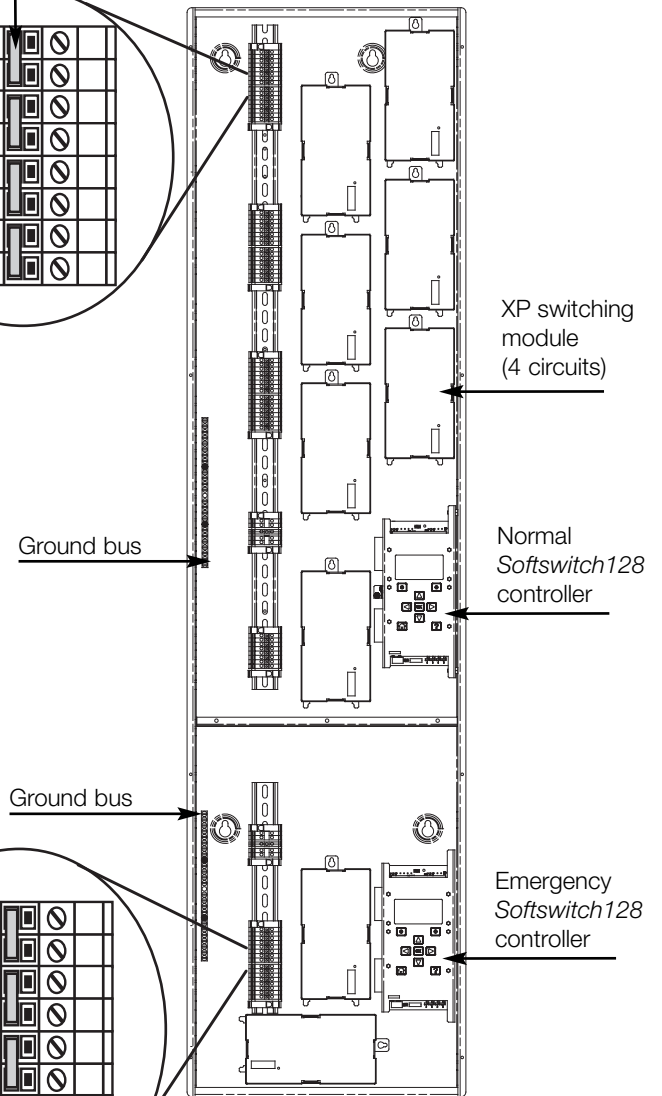
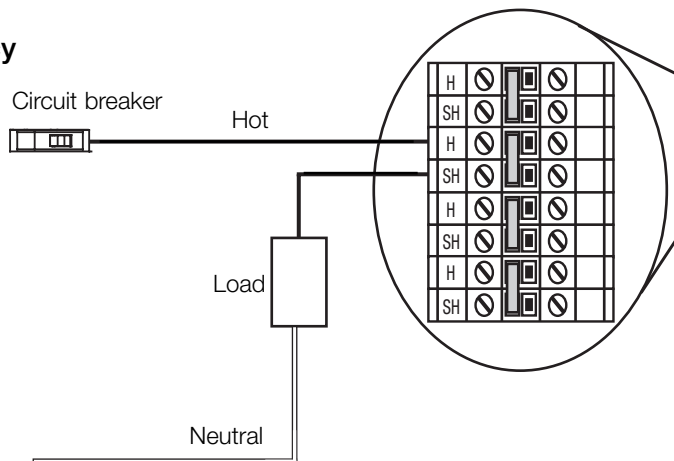


Wire Sizes

- 14 AWG (2.5 mm²) to 10 AWG (4.0 mm²) for feed wiring and switched load wiring
- Power (Hot/Live) and switched Hot/Live connect directly to terminal block for switch legs

Switched load Wiring: Emergency power section

Each switched circuit requires a dedicated 20 A circuit breaker and feed wiring to/from an emergency power distribution panel, by others.

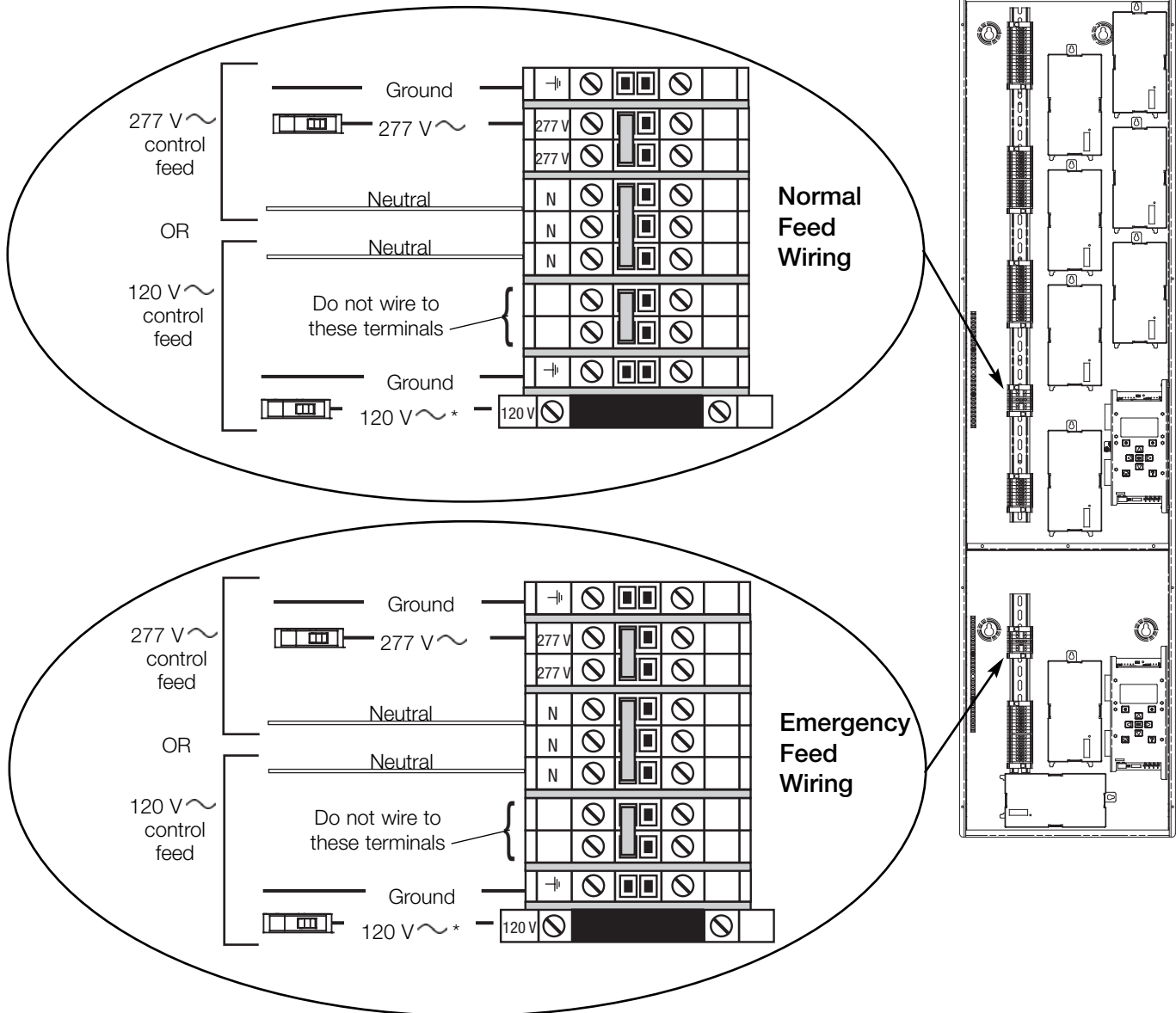


Job Name:	Model Numbers:
Job Number:	

Combination Normal/Emergency Softswitch128® Panel Dual-Voltage Control Feed Wiring

Combination Normal/Emergency *Softswitch128* panels are dual-voltage type and may be fed with either 120 V~ or 277 V~.

Wire to either the 120 V~ or the 277 V~ control feed terminals, not both. The terminals for the unused voltage will remain empty.



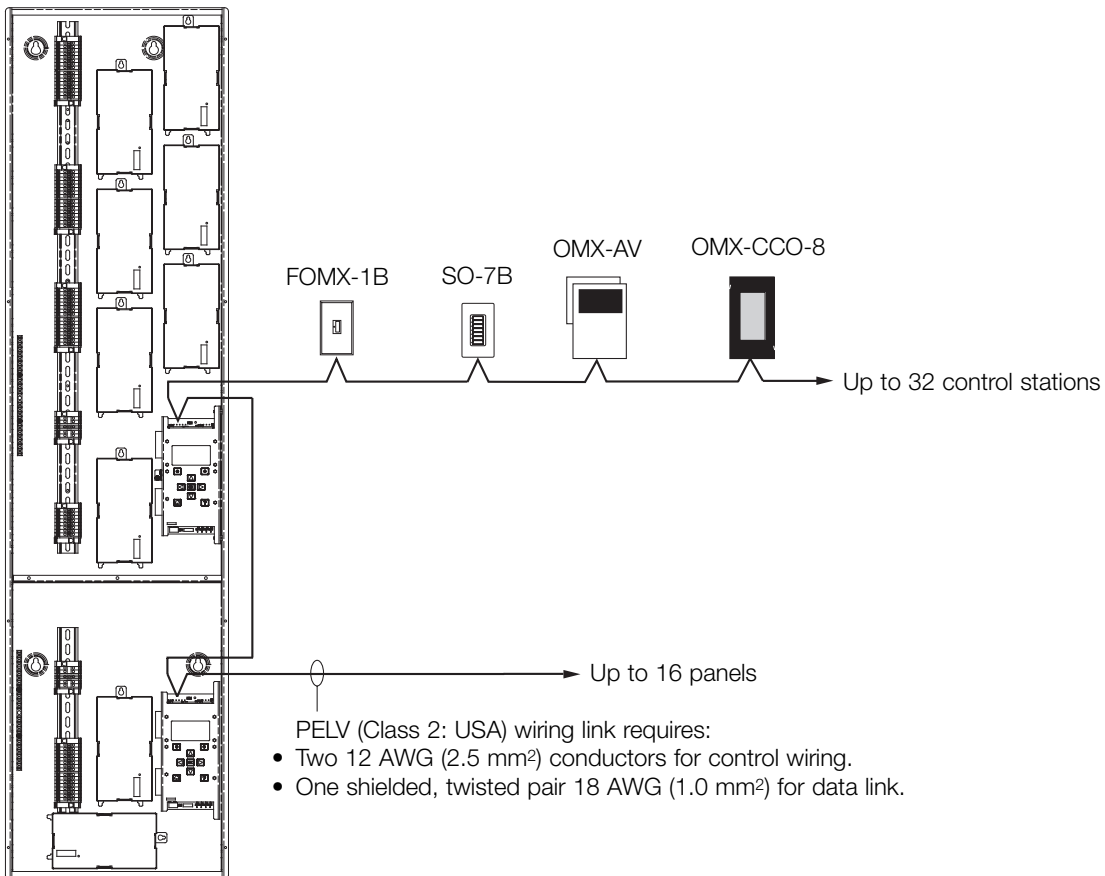
* Note: 120 V~ Hot terminal is protected by an internal fuse in case 277 V~ is mistakenly applied. A spare fuse is also supplied in the panel.

Job Name:	Model Numbers:
Job Number:	

Low-Voltage PELV (Class 2: USA) Wiring Overview for Combination Normal/Emergency Softswitch128® Panel

- Connect low-voltage PELV (Class 2: USA) wiring to each of the two *Softswitch128* controllers in the panel.
- PELV (Class 2: USA) wiring between the two controllers must be run outside the panel.
- The normal section and the emergency section each counts as a single panel on the control link.
(Combination Normal/Emergency panel counts as 2 out of 16 allowable panels in the system).

Combination Normal/Emergency
Softswitch128 panel



Job Name:	Model Numbers:
Job Number:	