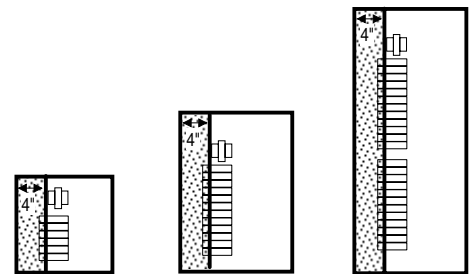




PART No.	DESCRIPTION	SPECIFICATION
PWEx Panels	<ul style="list-style-type: none"> Douglas PWEx series relay panels are a versatile line of panels used for WR-6161 & WR-6172 relays. Standard sizes range from 6 - 72 relays. (Note: WR-6172 = 2 relays). A panel consists of the enclosure (tub), the interior and the cover. Enclosures are installed in the rough-in stage and interiors are installed and connected after wires are pulled. Interior has snap brackets for mounting relays and DIN rail in the centre for mounting control components. Box knockouts are located so that panels of the same horizontal or vertical dimension can be joined with conduit nipples. 	<ul style="list-style-type: none"> Enclosures and covers are made of steel coated with ANSI/ASA 61 Grey. Coating is heat fused polyester epoxy finish applied on all surfaces. Interior insert is made from aluminum, steel and plastic parts. <p>Certifications</p> <ul style="list-style-type: none"> UL listed, CSA approved. EEMAC/NEMA 1 Standard. <p>Options</p> <ul style="list-style-type: none"> Hinged, surface or flush covers. Covers are reversible for either left-to-right or right-to-left door opening. Driphoods (surface mount only). NEMA 3 standards. Special paint colors. Voltage dividers to divide line voltage compartment for different line voltages.

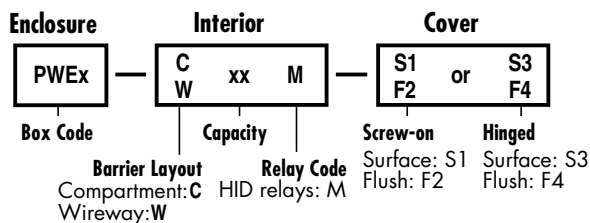
Compartment Style Barrier Layout



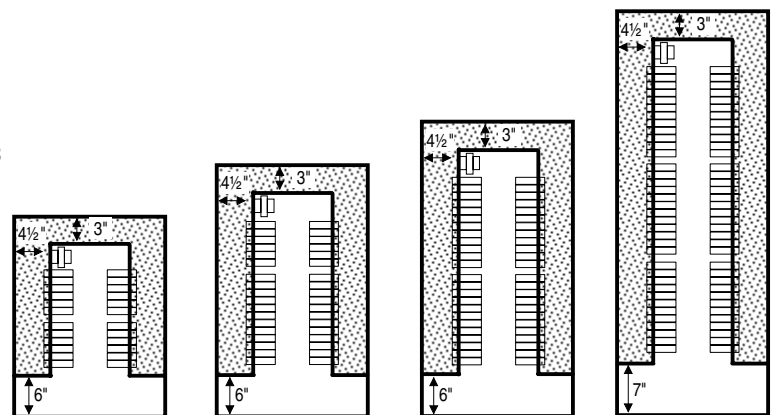
CAPACITY	6	12	24
PART No.	PWE0 - C06M - **	PWE1 - C12M - **	PWE2 - C24M - **
SIZE (H x W x D)	12 x 12 x 4.25	20 x 14 x 4.25	33 x 14 x 4.25

**Add cover style number at end of P/N

PWEx Panel Numbering System



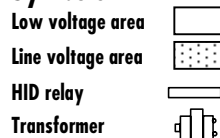
Wireway Style Barrier Layout



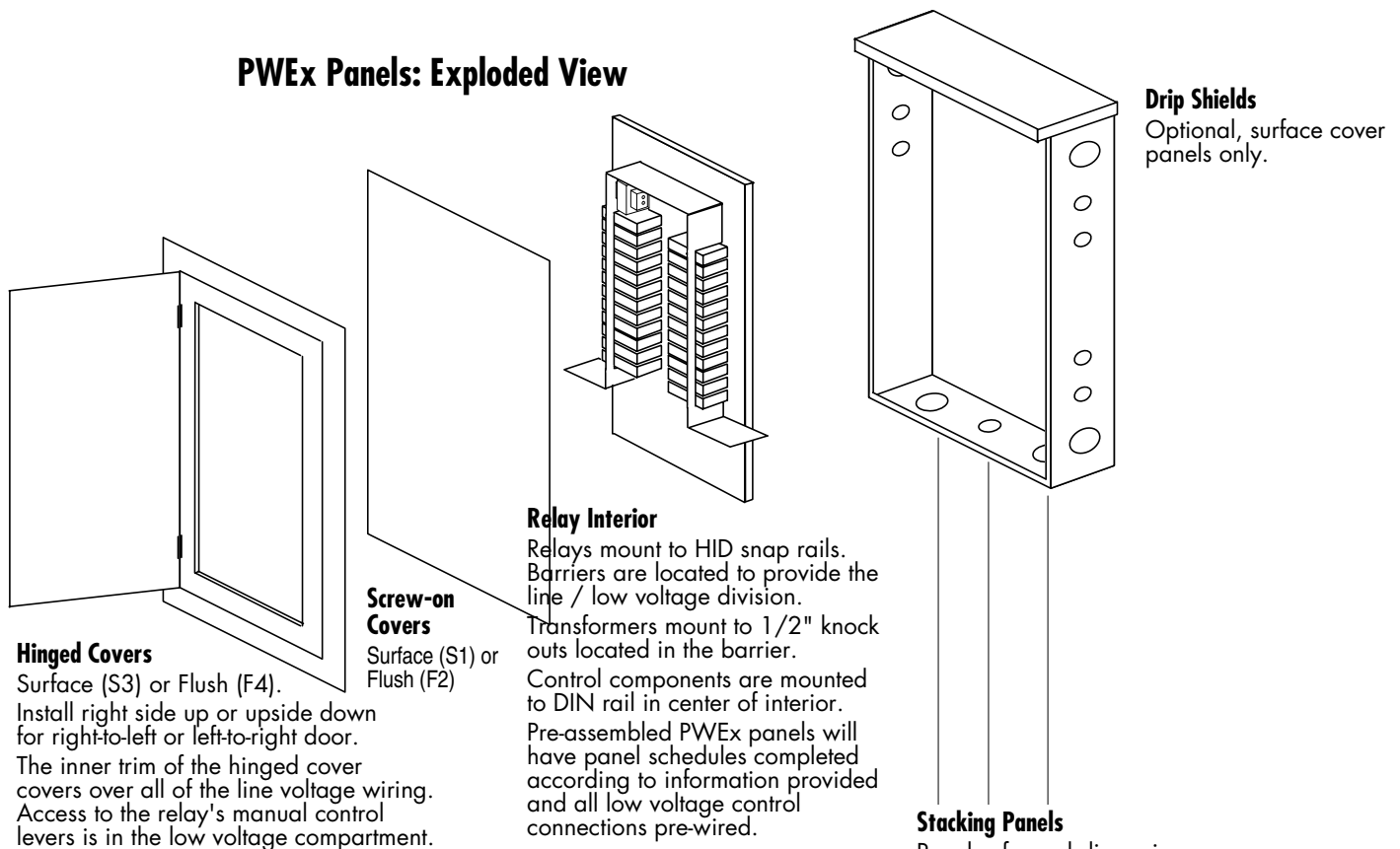
CAPACITY	24	36	48	72
PART No.	PWE3 - W24M - **	PWE4 - W36M - **	PWE6 - W48M - **	PWE8 - W72M - **
SIZE (H x W x D)	27 x 20 x 4.25	33 x 20 x 4.25	39 x 20 x 4.25	54 x 20 x 4.25

**Add cover style number at end of P/N

Symbols



PWEx Panels: Exploded View



INSTALLATION & ASSEMBLY

PWEx series relay panels for Douglas HID relays are supplied with a separate interior. All of the components and barriers are mounted to the interior.

PWEx panels are primarily intended for projects where the interior is factory pre-assembled. To install the relay panel the following sequence is recommended:

- 1) Mount the empty enclosure onto the wall and pull wires. It is recommended that all (or most) of the wires be pulled prior to installing the interior. This will prevent component damage from the wire pulling operation.
- 2) Relay line voltage terminals are sized for a maximum of 12AWG wire.
For low voltage wiring 18AWG solid is recommended.
- 3) Once the wires have been pulled, install the interior and bolt it into place. Make line connections to relays according to the panel schedule provided. If there is no schedule, identify circuits on a blank schedule.
- 4) To test circuit, turn circuit breaker off, use manual lever to turn relay on and then turn on the circuit breaker. This will help prevent relay contact welding due to dead shorts.
- 5) Verify that the schedule matches the lights operated by the relay.
- 6) Once the line circuits are connected and verified, connect low voltage switch wiring to relays or devices.

