

### UNITIZED DISTRIBUTION SUBSTATION (UDS) OFFERING

ESSMETRON
1505 West 3<sup>rd</sup> Ave
Denver, CO 80223
303-592-1903



# ESSMETRON

#### UDS STANDARD OFFERINGS

- Overall construction is NEMA 1 with the panelboard, automatic transfer switch, and circuit breaker areas constructed within a dedicated area built to NEMA 12 standards.
- Free standing structure
- Heavy duty construction
- Internally mounted transformer and panelboards
- Cold rolled steel
- Powder coat paint finish
- Typical enclosure dimensions 42" W x 97" H x 20" D
- Dead front doors
- UL listed





# ESSMETRON

#### **UDS ELECTRICAL OPTIONS**

- Single or three phase transformer
  - Copper or aluminum wound
  - 80°C and 115°C rise
- Single phase transformers 15kVA to 37.5kVA
  - 480V to 204V/120V
- Three phase transformers 15kVA to 75kVA
  - 480V Delta to 208V/120V Wye
  - 480V Delta to 480V/277V Wye
- Primary/Secondary fused or main breaker disconnect
- Automatic Transfer Switch
- Transient Voltage Surge Suppressor
- Custom modifications available





# ESSMETRON

### **UDS ENCLOSURE OPTIONS**

- Stainless steel 304, 304L, 316, 316L
- Type 3R
- Isolated transformer, panelboard, and controls compartments.
- Keyed or padlockable deadfront doors
- Compartment doors mechanically interlocked with disconnect switch
- Coastal paint to C57.12.29 on stainless for harsh environments
- Rear heat dissipation for isolated transformer







### DESIGN PACKAGE EXAMPLE













