

# MEDIUM VOLTAGE INDUSTRIAL CONTROL

## Transformers for Industrial Control Applications

### Product

Pioneer's line of industrial transformers includes Medium Voltage Control Transformers. These units provide reliable performance under rugged conditions at competitive prices.

### Applications

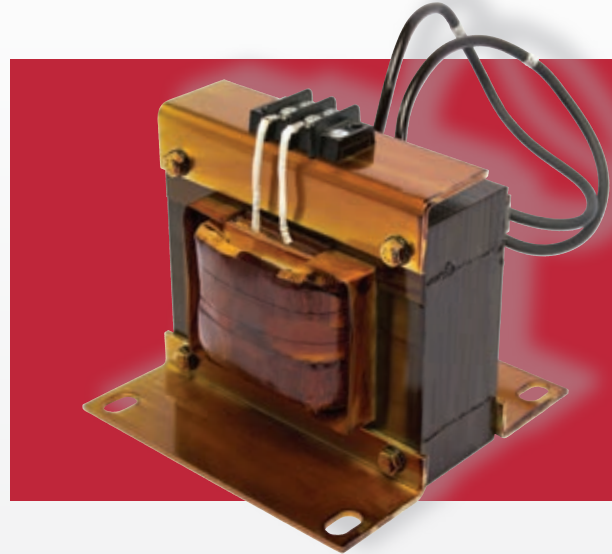
- For use in stepping down medium voltage power (4,160V or 2,400V primary) to a lower voltage for commercial, institutional, or industrial applications
- Supply power to control circuit in electrical panels
- Where large load diversity is necessary in an industrial application
- Connection to a primary distribution circuit

### Specifications

- Single Phase
- 50 and 60 Hz designs available
- 0.5 kVA through 5 kVA
- Copper windings
- 115°C temperature rise at 40°C ambient
- 180°C insulation class
- Standard 48 inch leads on primary, terminal block connections on secondary

### Features, Functions, Benefits

- Specifically designed to address the demands of industrial control applications
- Tough and reliable
- Six voltage combinations offered as standard for quick delivery



### Standards

- Built to UL insulation system standards
- Built in accordance with NEMA and ANSI standards

### Options and Accessories

- Consult factory for more information
- Other voltages available

# MEDIUM VOLTAGE INDUSTRIAL CONTROL

## Transformers for Industrial Control Applications Standard models

### 60 Hz

Primary: 2,400 V		Secondary: 120 V		25 KV BIL			
kVA	Catalog Number	Height (A) inches	Width (B) inches	Depth (C) inches	(D) inches	(E) inches	Est Ship Wgt
0.5	621-4601-130	7	6.7	7	5.75	5.75	20.8
1	621-4601-131	7	6.75	7.4	5.75	5.75	31.5
2	621-4601-132	7.75	7.5	8.5	5.75	5.75	49.4
Primary: 4,200 V		Secondary: 120 V		25 KV BIL			
0.5	621-4601-133	7	6.7	7	5.75	5.75	25.9
1	621-4601-134	7	6.75	7.4	5.75	5.75	35.9
2	621-4601-135	7.75	7.5	8.5	5.75	5.75	48.6
Primary: 7,200 V		Secondary: 120 V		35 KV BIL			
0.5	621-4601-136	11.5	9	7.5	8	5.75	46.9
1	621-4601-137	11.5	9	7.5	8	5.75	48.3
2	621-4601-138	11.5	9	9.5	8	5.75	69.8

### 50 Hz

Primary: 3,300 V		Secondary: 110 V		25 KV BIL			
0.5	621-4601-139	7	6.7	7	5.75	5.75	20.1
1	621-4601-140	7	6.8	7.4	5.75	5.75	35.4
Primary: 6,600 V		Secondary: 110 V		35 KV BIL			
0.5	621-4601-141	11.5	9	7.5	8	5.75	48.7
1	621-4601-142	11.5	9	7.5	8	5.75	47.9
2	621-4601-143	11.5	9	9.5	8	5.75	69.9

Larger kVA models available. Contact us for specifications.

Dimensions subject to change without notice. Consult website or factory where dimensions are critical.

For further information, contact an Application Engineer at 800-892-3755, [technical\\_services@jeffersonelectric.com](mailto:technical_services@jeffersonelectric.com)

