

DESIGN FEATURES

PURPOSE

These contactors are used for control of Motors, Power Supplies, Heating Elements, Lighting, HVAC Fans and Compressors.

ENVIRONMENT

Maximum operating altitude: 2000 meters above sea level Ambient
Air Temp: - 40 degree to + 65 degree C

Ambient air dampness around the device: 45 to 85% RH
Coil supply voltage: 80% - 105% rated voltage

COIL DATA

Voltage : 24, 120, 240 VAC 50 & 60 Hz
Normal VA : Inrush 65VA, Sealed 7.5VA
Duty Cycle : continuous
Initial Insulation Resistance :100-mega ohms minimum.
Approvals: UL, CSA



| 1 POLE WITHOUT SHUNT | | | | | | |
|-------------------------------|-------------------------|---------|---------|--------------------------|------------|---------|
| Full Load Amps (Inductive) | Locked Rotor (Per Pole) | | | Resistive Amps Rating | CAT. NO. | LIST |
| | AC 240V AC 277V | AC 480V | AC 600V | | | |
| 25 | 150 | 50 | 40 | 30 | TCDP251-XX | \$61.60 |
| 30 | 150 | 75 | 50 | 40 | TCDP301-XX | \$66.00 |
| 40 | 240 | 200 | 160 | 50 | TCDP401-XX | \$66.00 |



| 1 POLE WITH SHUNT | | | | | | |
|-------------------------------|-------------------------|---------|---------|--------------------------|-------------|---------|
| Full Load Amps (Inductive) | Locked Rotor (Per Pole) | | | Resistive Amps Rating | CAT. NO. | LIST |
| | AC 240V AC 277V | AC 480V | AC 600V | | | |
| 25 | 150 | 50 | 40 | 30 | TCDP251S-XX | \$61.60 |
| 30 | 150 | 75 | 50 | 40 | TCDP301S-XX | \$66.00 |
| 40 | 240 | 200 | 160 | 50 | TCDP401S-XX | \$66.00 |

| 2 POLE | | | | | | |
|-------------------------------|-------------------------|---------|---------|--------------------------|------------|---------|
| Full Load Amps (Inductive) | Locked Rotor (Per Pole) | | | Resistive Amps Rating | CAT. NO. | LIST |
| | AC 240V AC 277V | AC 480V | AC 600V | | | |
| 25 | 120 | 100 | 80 | 30 | TCDP202-XX | \$69.30 |
| 30 | 150 | 125 | 100 | 40 | TCDP302-XX | \$75.90 |
| 40 | 240 | 200 | 150 | 50 | TCDP402-XX | \$79.20 |



TCDP-403-*

| 3 POLE | | | | | | |
|-------------------------------|-------------------------|---------|---------|--------------------------|------------|----------|
| Full Load Amps (Inductive) | Locked Rotor (Per Pole) | | | Resistive Amps Rating | CAT. NO. | LIST |
| | AC 240V AC 277V | AC 480V | AC 600V | | | |
| 20 | 120 | 100 | 80 | 30 | TCDP203-XX | \$101.20 |
| 25 | 150 | 125 | 100 | 35 | TCDP253-XX | \$101.20 |
| 30 | 180 | 150 | 120 | 40 | TCDP303-XX | \$107.80 |
| 40 | 240 | 200 | 160 | 50 | TCDP403-XX | \$114.40 |

Replace XX with voltage code from Table 1

Table 1: XX-AC Coil Voltages

| Volt AC | 24 | 120 | 208 | 240 | 277 | 480 |
|---------|----|-----|-----|-----|-----|-----|
| 50 Hz | B5 | G5 | L5 | U5 | W5 | T5 |
| 60 Hz | B6 | G6 | L6 | U6 | W6 | T6 |

NOTE: Pricing and specifications subject to change without notice.