

robusta (9A ~ 95A)

3 & 4 Pole Contactors with AC operating coil Specifications



TC1-D65●●-XX

| 3 Pole Contactor with AC operating coil | | | | | | | | | | |
|---|------------|--------------|------|-------------|------|------|------|--------------------------------------|----|----------------|
| Maximum Current | | Maximum HP | | | | | | Aux. Contacts Built-in per contactor | | Catalog Number |
| Inductive | Continuous | Single Phase | | Three Phase | | | | NO | NC | |
| AC-3 A | AC-1 A | 120V | 230V | 200V | 230V | 480V | 600V | | | |
| 9 | 20 | 0.5 | 1 | 2 | 2 | 5 | 7.5 | 1 | 0 | TC1-D0910-XX |
| | | | | | | | | 0 | 1 | TC1-D0901-XX |
| 12 | 25 | 1 | 2 | 3 | 3 | 7.5 | 10 | 1 | 0 | TC1-D1210-XX |
| | | | | | | | | 0 | 1 | TC1-D1201-XX |
| 18 | 32 | 1 | 3 | 5 | 5 | 10 | 15 | 1 | 0 | TC1-D1810-XX |
| | | | | | | | | 0 | 1 | TC1-D1801-XX |
| 22 | 32 | 2 | 3 | 5 | 7.5 | 15 | 20 | 1 | 0 | TC1-D2210-XX |
| | | | | | | | | 0 | 1 | TC1-D2201-XX |
| 25 | 40 | 2 | 3 | 5 | 7.5 | 15 | 20 | 1 | 0 | TC1-D2510-XX |
| | | | | | | | | 0 | 1 | TC1-D2501-XX |
| 32 | 50 | 2 | 5 | 10 | 10 | 20 | 25 | 1 | 0 | TC1-D3210-XX |
| | | | | | | | | 0 | 1 | TC1-D3201-XX |
| 38 | 60 | 3 | 5 | 10 | 10 | 30 | 30 | 1 | 0 | TC1-D3810-XX |
| | | | | | | | | 0 | 1 | TC1-D3801-XX |
| 40 | 60 | 3 | 5 | 10 | 10 | 30 | 30 | 1 | 1 | TC1-D4011-XX |
| 50 | 80 | 3 | 7.5 | 15 | 15 | 40 | 40 | 1 | 1 | TC1-D5011-XX |
| 65 | 80 | 5 | 10 | 20 | 20 | 50 | 50 | 1 | 1 | TC1-D6511-XX |
| 80 | 125 | 7.5 | 15 | 25 | 25 | 60 | 60 | 1 | 1 | TC1-D8011-XX |
| 95 | 125 | 7.5 | 15 | 25 | 25 | 60 | 60 | 1 | 1 | TC1-D9511-XX |

Note : Standard Fault Ratings U_i S High Fault Ratings U_i (100kA with class J/CC Fuse)



TC1-D09004

| 4 Pole Contactor with AC operating coil | | | | | | | | | | |
|---|-----------|--------------|------|-------------|------|------|------|-------------------------|----|----------------|
| Maximum Current | | Maximum HP | | | | | | Main Pole Configuration | | Catalog Number |
| Inductive | Resistive | Single Phase | | Three Phase | | | | NO | NC | |
| AC-3 A | AC-1 A | 120V | 230V | 200V | 230V | 480V | 600V | | | |
| 9 | 25 | 0.5 | 1 | 2 | 2 | 5 | 7.5 | 4 | 0 | TC1-D09004-XX |
| | | 0.5 | 1 | 2 | 2 | 5 | 7.5 | 0 | 4 | TC1-D09006-XX |
| | | 0.5 | 1 | - | - | - | - | 2 | 2 | TC1-D09008-XX |
| 12 | 25 | 1 | 2 | 3 | 3 | 7.5 | 10 | 4 | 0 | TC1-D12004-XX |
| | | 1 | 2 | 3 | 3 | 7.5 | 10 | 0 | 4 | TC1-D12006-XX |
| | | 1 | 2 | - | - | - | - | 2 | 2 | TC1-D12008-XX |
| 25 | 40 | 2 | 3 | 5 | 7.5 | 15 | 20 | 4 | 0 | TC1-D25004-XX |
| | | 2 | 3 | 5 | 7.5 | 15 | 20 | 0 | 4 | TC1-D25006-XX |
| | | 2 | 3 | - | - | - | - | 2 | 2 | TC1-D25008-XX |
| 40 | 60 | 3 | 5 | 10 | 10 | 30 | 30 | 4 | 0 | TC1-D40004-XX |
| | | 3 | 5 | - | - | - | - | 2 | 2 | TC1-D40008-XX |
| 65 | 80 | 5 | 10 | 20 | 20 | 50 | 50 | 4 | 0 | TC1-D65004-XX |
| | | 5 | 10 | - | - | - | - | 2 | 2 | TC1-D65008-XX |
| 80 | 125 | 7.5 | 15 | 20 | 25 | 60 | 60 | 4 | 0 | TC1-D80004-XX |
| | | 7.5 | 15 | - | - | - | - | 2 | 2 | TC1-D80008-XX |

3 Pole Mechanically Interlocked Contactor with AC coil (Pre-wired)

| Maximum Current | | Maximum HP 3 Phase | | | | Aux. Contacts Built-in per contactor | | Catalog Number |
|------------------|------------------|--------------------|------|------|------|--------------------------------------|----|----------------|
| Inductive AC-3 A | Resistive AC-1 A | | | | | NO | NC | |
| | | 200V | 230V | 480V | 600V | | | |
| 9 | 25 | 2 | 2 | 5 | 7.5 | 0 | 1 | TC2-D0901-XX |
| | | | | | | 1 | 0 | TC2-D0911-XX |
| 12 | 25 | 3 | 3 | 7.5 | 10 | 0 | 1 | TC2-D1201-XX |
| | | | | | | 1 | 0 | TC2-D1211-XX |
| 18 | 32 | 5 | 5 | 10 | 15 | 0 | 1 | TC2-D1801-XX |
| | | | | | | 1 | 0 | TC2-D1811-XX |
| 22 | 32 | 5 | 5 | 10 | 15 | 0 | 1 | TC2-D2201-XX |
| | | | | | | 1 | 0 | TC2-D2211-XX |
| 25 | 40 | 5 | 7.5 | 15 | 20 | 0 | 1 | TC2-D2501-XX |
| | | | | | | 1 | 0 | TC2-D2511-XX |
| 32 | 50 | 10 | 10 | 20 | 25 | 0 | 1 | TC2-D3201-XX |
| | | | | | | 1 | 0 | TC2-D3211-XX |
| 38 | 50 | 10 | 10 | 20 | 25 | 0 | 1 | TC2-D3801-XX |
| | | | | | | 1 | 0 | TC2-D3811-XX |
| 40 | 60 | 10 | 10 | 30 | 30 | 1 | 1 | TC2-D4011-XX |
| 50 | 80 | 15 | 15 | 40 | 40 | 1 | 1 | TC2-D5011-XX |
| 65 | 80 | 20 | 20 | 50 | 50 | 1 | 1 | TC2-D6511-XX |
| 80 | 125 | 20 | 25 | 60 | 60 | 1 | 1 | TC2-D8011-XX |
| 95 | 125 | 20 | 25 | 60 | 60 | 1 | 1 | TC2-D9511-XX |

Replace XX with voltage code from table - 1

Table-1 : XX-AC Coil Voltages

| Volts AC | 24 | 48 | 110 | 120 | 208 | 220 | 230 | 240 | 277 | 380 | 400 | 415 | 440 | 480 | 575 | 600 |
|----------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 50 Hz | B5 | E5 | F5 | - | - | M5 | P5 | U5 | - | Q5 | V5 | N5 | R5 | - | - | - |
| 60 Hz | B6 | E6 | F6 | G6 | L6 | M6 | - | U6 | W6 | Q6 | - | - | R6 | T6 | S6 | X6 |
| 50/60 Hz | B7 | E7 | F7 | G7 | - | M7 | P7 | U7 | - | Q7 | V7 | N7 | R7 | - | - | - |



TC2-D09●●-XX

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