

INDUSTRIAL CONTROL TRANSFORMERS

Industrial control transformers are used to reduce supply voltages to 240V or lower for the operation of electromagnetic devices such as contactors, solenoids, relays, and timers. They are especially designed to accommodate the momentary current inrush caused when electromagnetic components are energized without sacrificing secondary voltage stability beyond practical limits.

Acme Industrial Control Transformers are dry-type, step-down transformers with the secondary control circuit isolated from the primary line circuit to assure maximum safety.

Voltage regulation of Acme Industrial Control Transformers exceeds standards recommended by the National Electrical Manufacturers Association. Secondary circuit voltage drop between no-load and momentary overload remains exceptionally low. This excellent secondary circuit voltage regulation assures reliable operation of electromagnetic components and may permit the use of a smaller and less expensive industrial control transformer.

TB SERIES INDUSTRIAL CONTROL TRANSFORMER

Acme's TB Series Industrial Control Transformers are especially designed to accommodate the momentary current inrush caused when electromagnetic components are energized... without sacrificing secondary voltage stability beyond practical limits. The transformer's windings and internal terminations are sealed within an epoxy encapsulant encased in a durable thermoplastic end cap, protecting them from potentially damaging moisture, dirt and other ambient contaminants. Acme's TB Series transformers are dry-type, step-down transformers with the secondary control circuit isolated from the primary line circuit to assure maximum safety.

Voltage regulation of Acme's TB Series transformers exceeds standards recommended by the National Electrical Manufacturers Association. Secondary circuit voltage drop between no-load and momentary overload remains exceptionally low. This excellent secondary circuit voltage regulation assures reliable operation of electromagnetic components and may permit the use of a smaller and less expensive industrial control transformer.

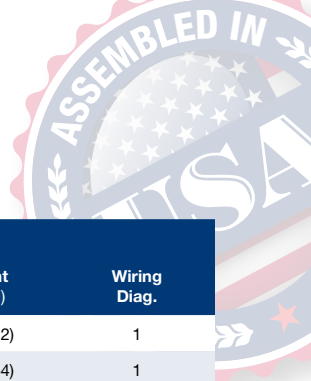
Features

- 50 –5000 VA, 50/60 Hz.
- Epoxy encapsulated design protects core & coil assembly from potentially damaging contaminants
- Constructed with high quality silicon steel lamination to minimize core losses and increase efficiency
- Integrally molded terminal blocks with isolation barriers to prevent arc over
- Primary fuse blocks kits available and easily adaptable
- Secondary Fuse Clips factory installed, where applicable
- Series-parallel connecting links save wiring and labor costs
- Terminal blocks allow full access for ring terminals for easy installation even with solid strand conductors
- Copper windings on all groups
- Heavy gauge steel mounting plate adapts to various mounting dimensions
- Voltage regulation exceeds NEMA requirements
- UL Listed and CSA Certified or cUL
- Meets or exceeds UL, CSA, NEMA, ANSI and OSHA Standards
- **Twenty year limited warranty**
- **Assembled in the USA of imported and domestic components**

Applications

- Motor Starters
- Contactors
- Solenoids
- Timer Circuits
- Relays
- Control Panels
- Robotics





TB SERIES

Group A

120 X 240 PRIMARY VOLTS — 12/24 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A001①	3.78 (9.60)	3 (7.62)	3.14 (7.98)	1.96 (4.98)	2.5 (6.35)	2.7 (1.22)	1
75	TB75A001①	4 (10.16)	3 (7.62)	4.52 (11.47)	2.42 (6.15)	2.5 (6.35)	3.4 (1.54)	1
100	TB100A001①	4 (10.16)	3.38 (8.59)	4.84 (12.28)	2.42 (6.15)	2.81 (7.14)	4.4 (2.00)	1
150	TB150B001①	4.03 (10.24)	3.75 (9.53)	3.77 (9.58)	2.82 (7.16)	3.13 (7.95)	6 (2.72)	1
200	TB200B001①	4.38 (11.13)	4.5 (11.43)	5.78 (14.67)	2.42 (6.15)	3.75 (9.53)	8.9 (4.04)	1
250	TB250B001①	4.38 (11.13)	4.5 (11.43)	5.78 (14.67)	2.82 (7.16)	3.75 (9.53)	9.3 (4.22)	1
300	TB300B001②	4.75 (12.07)	4.5 (11.43)	3.98 (10.11)	3.18 (8.08)	3.75 (9.53)	11 (4.99)	1
350	TB350B001②	5 (12.7)	4.5 (11.43)	3.98 (10.11)	3.43 (8.71)	3.75 (9.53)	11.3 (5.13)	1
500	TB500B001②	5.45 (13.84)	5.25 (13.34)	4.64 (11.79)	3.87 (9.83)	4.38 (11.1)	18 (8.16)	1
750	TB750B001②	6.95 (17.65)	5.25 (13.34)	4.64 (11.79)	5.37 (13.64)	4.38 (11.13)	26.5 (12.02)	1

Group B

120 X 240 PRIMARY VOLTS — 120 X 240 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A003①	3.78 (9.60)	3 (7.62)	2.72 (6.91)	1.96 (4.98)	2.5 (6.35)	2.7 (1.22)	3
100	TB100A003①	4 (10.16)	3.38 (8.59)	3.03 (7.70)	2.42 (6.15)	2.81 (7.14)	4.4 (2.00)	3
150	TB150B003①	4.03 (10.24)	3.75 (9.53)	3.35 (8.51)	2.82 (7.16)	3.13 (7.95)	6 (2.72)	3
250	TB250B003①	4.38 (11.13)	4.5 (11.43)	3.97 (10.08)	2.82 (7.16)	3.75 (9.53)	9.3 (4.22)	3
350	TB350B003①	4.75 (12.07)	4.5 (11.43)	3.97 (10.08)	3.74 (9.50)	3.75 (9.53)	11.6 (5.26)	3
500	TB500B003①	6.11 (15.52)	5.25 (13.34)	4.63 (11.76)	3.87 (9.83)	4.38 (11.13)	17.4 (7.89)	3
750	TB750B003①	7.61 (19.33)	5.25 (13.34)	4.63 (11.76)	5.37 (13.64)	4.38 (11.13)	26.5 (12.02)	3

Group C

200, 208/220, 230, 240/440, 460, 480 PRIMARY VOLTS — 23, 24, 25/110, 115, 120 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A004C*①	4.53 (11.51)	3 (7.62)	3.14 (7.98)	2.82 (7.16)	2.5 (6.35)	4.3 (1.95)	4
75	TB75A004C*①	4.5 (11.43)	3.38 (8.59)	3.46 (8.79)	2.82 (7.16)	2.81 (7.14)	5.5 (2.49)	4
100	TB100A004C*①	4.53 (11.51)	3.75 (9.53)	3.78 (9.60)	2.99 (7.59)	3.13 (7.95)	6.5 (2.95)	4
150	TB150B004C*①	5.03 (12.78)	3.75 (9.53)	3.78 (9.60)	3.18 (8.08)	3.13 (7.95)	9.5 (4.31)	4
200	TB200B004C*①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.99 (7.59)	3.75 (9.53)	9.8 (4.45)	4
250	TB250B004C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.74 (9.50)	3.75 (9.53)	11.3 (5.13)	4
300	TB300B004C*①	6.11 (15.52)	5.25 (13.34)	5.14 (13.06)	3.87 (9.83)	4.38 (11.13)	14.1 (6.40)	4
350	TB350B004C*①	6.11 (15.52)	5.25 (13.34)	5.14 (13.06)	3.87 (9.83)	4.38 (11.13)	16.4 (7.44)	4
500	TB500B004C*①	7.11 (18.06)	5.25 (13.34)	5.14 (13.06)	5.37 (13.64)	4.38 (11.13)	23.1 (10.48)	4
750	TB750B004C*①	7.11 (18.06)	6.75 (17.15)	6.3 (16.00)	4.97 (12.62)	6.13 (15.57)	38.6 (17.51)	4
1000	TB1000B004C*②	8.13 (20.65)	6.75 (17.15)	5.73 (14.55)	6.13 (15.57)	6.13 (15.57)	48.4 (21.95)	4

*Secondary Fuse Clips Factory Installed



Group D

208/230/460 PRIMARY VOLTS — 115 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A005C*①	3.78 (9.60)	3 (7.62)	3.14 (7.98)	2.21 (5.61)	2.5 (6.35)	2.7 (1.22)	5
75	TB75A005C*①	4 (10.16)	3.38 (8.59)	3.46 (8.79)	2.42 (6.15)	2.81 (7.14)	3.4 (1.54)	5
100	TB100A005C*①	4 (10.16)	3.38 (8.59)	3.46 (8.79)	2.42 (6.15)	2.81 (7.14)	4.4 (2.00)	5
150	TB150B005C*①	4.03 (10.24)	3.75 (9.53)	3.77 (9.58)	2.82 (7.16)	3.13 (7.95)	5.6 (2.54)	5
200	TB200B005C*①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.82 (7.16)	3.75 (9.53)	9.1 (4.13)	5
250	TB250B005C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.18 (8.08)	3.75 (9.53)	10.8 (4.90)	5
300	TB300B005C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.74 (9.50)	3.75 (9.53)	11.2 (5.08)	5
350	TB350B005C*①	5.75 (14.61)	4.5 (11.43)	4.4 (11.18)	4.72 (11.99)	3.75 (9.53)	12.4 (5.62)	5
500	TB500B005C*①	6.11 (15.52)	5.25 (13.34)	5.14 (13.06)	4.37 (11.10)	4.38 (11.13)	17.4 (7.89)	5
750	TB750B005C*①	7.61 (19.33)	5.25 (13.34)	5.14 (13.06)	5.87 (14.91)	4.38 (11.13)	26.2 (11.88)	5
1000	TB1000B005C*②	7.45 (18.92)	6.75 (17.15)	5.42 (13.77)	5.06 (12.85)	5.31 (13.49)	37 (16.78)	5
1500	TB1500B005C*②	8.5 (21.59)	6.75 (17.15)	5.75 (14.61)	6.13 (15.57)	6.13 (15.57)	53.9 (24.45)	5
2000	TB2000F005C*②	8.13 (20.65)	6.75 (17.15)	6.28 (15.95)	5.25 (13.34)	6.13 (15.57)	51.6 (23.41)	5
3000	TB3000F005*②	8.5 (21.59)	9 (22.86)	7.5 (19.05)	5.74 (14.58)	7.5 (19.05)	77.1 (34.97)	5
5000	TB5000F005②	10.31 (26.19)	9 (22.86)	7.5 (19.05)	7.56 (19.20)	7.5 (19.05)	114.6 (51.98)	5

*Secondary Fuse Clips Factory Installed

Group E

208, 277 PRIMARY VOLTS — 120 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A006C*①	3.78 (9.60)	3 (7.62)	3.14 (7.98)	1.96 (4.98)	2.5 (6.35)	2.7 (1.22)	6
75	TB75A006C*①	4 (10.16)	3 (7.62)	3.14 (7.98)	2.42 (6.15)	2.5 (6.35)	3.4 (1.54)	6
100	TB100A006C*①	4 (10.16)	3.38 (8.59)	3.46 (8.79)	2.42 (6.15)	2.81 (7.14)	4.4 (2.00)	6
150	TB150B006C*①	4.03 (10.24)	3.75 (9.53)	3.77 (9.58)	2.82 (7.16)	3.13 (7.95)	6 (2.72)	6
200	TB200B006C*①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.42 (6.15)	3.75 (9.53)	8.9 (4.04)	6
250	TB250B006C*①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.82 (7.16)	3.75 (9.53)	9.3 (4.22)	6
300	TB300B006C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.18 (8.08)	3.75 (9.53)	11 (4.99)	6
350	TB350B006C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.74 (9.50)	3.75 (9.53)	11.6 (5.26)	6
500	TB500B006C*①	6.11 (15.52)	5.25 (13.34)	5.14 (13.06)	3.87 (9.83)	4.38 (11.13)	17.4 (7.89)	6
750	TB750B006C*①	7.61 (19.33)	5.25 (13.34)	5.14 (13.06)	5.37 (13.64)	4.38 (11.13)	26.5 (12.02)	6

*Secondary Fuse Clips Factory Installed





Group F

208/500, 220/380/440/550, 230/400/460/575, 240/416/480/600 — PRIMARY VOLTS
85/100/110, 91/110/120, 95/115/125, 99/120/130 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A007C*②	3.44 (8.74)	3.88 (9.86)	3.38 (8.59)	2.42 (6.15)	2.81 (7.14)	4 (1.81)	7
100	TB100A007C*②	4 (10.16)	3.75 (9.53)	3.62 (9.19)	2.99 (7.59)	3.13 (7.95)	6.8 (3.08)	7
150	TB150B007C*②	4 (10.16)	4.5 (11.43)	4.11 (10.44)	2.82 (7.16)	3.75 (9.53)	7.9 (3.58)	7
250	TB250B007C*②	5.75 (14.61)	4.5 (11.43)	4.11 (10.44)	4.72 (11.99)	3.75 (9.53)	10 (4.54)	7
350	TB350B007C*②	5.69 (14.45)	5.25 (13.34)	4.64 (11.79)	4.37 (11.10)	4.38 (11.13)	13.6 (6.17)	7
500	TB500B007C*②	7.19 (18.26)	5.25 (13.34)	4.95 (12.57)	5.87 (14.91)	4.38 (11.13)	18.2 (8.26)	7
750	TB750B007C*②	6.44 (16.36)	6.75 (17.15)	5.73 (14.55)	4.25 (10.80)	6.13 (15.57)	30.7 (13.93)	7

*Secondary Fuse Clips Factory Installed

Group G

220, 230, 240 X 440, 460, 480 PRIMARY VOLTS — 110/115/120 SECONDARY VOLTS —1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A008C*①	3.78 (9.60)	3 (7.62)	3.14 (7.98)	1.96 (4.98)	2.5 (6.35)	2.7 (1.22)	8
75	TB75A008C*①	4 (10.16)	3 (7.62)	3.14 (7.98)	2.42 (6.15)	2.5 (6.35)	3.4 (1.54)	8
100	TB100A008C*①	4 (10.16)	3.38 (8.59)	3.46 (8.79)	2.42 (6.15)	2.81 (7.14)	4.4 (2.00)	8
150	TB150B008C*①	4.03 (10.24)	3.75 (9.53)	3.77 (9.58)	2.82 (7.16)	3.13 (7.95)	6 (2.72)	8
200	TB200B008C*①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.42 (6.15)	3.75 (9.53)	8.9 (4.04)	8
250	TB250B008C*①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.82 (7.16)	3.75 (9.53)	9.3 (4.22)	8
300	TB300B008C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.18 (8.08)	3.75 (9.53)	11 (4.99)	8
350	TB350B008C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.74 (9.50)	3.75 (9.53)	11.6 (5.26)	8
500	TB500B008C*①	6.11 (15.52)	5.25 (13.34)	5.14 (13.06)	3.87 (9.83)	4.38 (11.13)	17.4 (7.89)	8
750	TB750B008C*①	7.61 (19.33)	5.25 (13.34)	5.14 (13.06)	5.37 (13.64)	4.38 (11.13)	26.5 (12.02)	8
1000	TB1000B008C*①	6.11 (15.52)	6.75 (17.15)	6.3 (16.00)	3.91 (9.93)	6.13 (15.57)	31 (14.06)	8
1500	TB1500B008C*①	8.11 (20.60)	6.75 (17.15)	6.32 (16.05)	6.13 (15.57)	6.13 (15.57)	51.58 (23.40)	8
2000	TB2000F008C*②	7.75 (19.69)	6.75 (17.15)	6.28 (15.95)	6.13 (15.57)	6.13 (15.57)	46.1 (20.91)	8
3000	TB3000F008②	8 (20.32)	9 (22.86)	7.5 (19.05)	5.24 (13.31)	7.5 (19.05)	68.8 (31.21)	8
5000	TB5000F008②	10 (25.4)	9 (22.86)	7.5 (19.05)	7.18 (18.24)	7.5 (19.05)	109.4 (49.62)	8

*Secondary Fuse Clips Factory Installed



Group H

230, 460, 575 PRIMARY VOLTS — 95, 115 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A011①	4.03 (10.24)	3 (7.62)	2.72 (6.9088)	2.21 (5.61)	2.5 (6.35)	3.2 (1.45)	11
75	TB75A011①	4.03 (10.24)	3.38 (8.59)	3.04 (7.72)	2.42 (6.15)	2.81 (7.14)	4.2 (1.91)	11
100	TB100A011①	4.5 (11.43)	3.38 (8.59)	3.04 (7.72)	2.82 (7.16)	2.81 (7.14)	5.5 (2.49)	11
150	TB150B011①	4.53 (11.51)	3.75 (9.53)	3.36 (8.53)	3.18 (8.08)	3.13 (7.95)	7.7 (3.49)	11
200	TB200B011①	4.38 (11.13)	3.75 (9.53)	3.98 (10.11)	2.82 (7.16)	3.75 (9.53)	9.1 (4.13)	11
250	TB250B011①	4.38 (11.13)	4.5 (11.43)	3.98 (10.11)	3.18 (8.08)	3.75 (9.53)	9.5 (4.31)	11
300	TB300B011①	4.75 (12.07)	4.5 (11.43)	3.98 (10.11)	3.74 (9.50)	3.75 (9.53)	11.6 (5.26)	11
350	TB350B011①	5.61 (14.25)	5.25 (13.34)	4.63 (11.76)	3.37 (8.56)	4.38 (11.13)	13.8 (6.26)	11
500	TB500B011①	6.19 (15.72)	5.25 (13.34)	4.63 (11.76)	4.37 (11.10)	4.38 (11.13)	17.6 (7.98)	11
750	TB750B011①	8.11 (20.60)	5.25 (13.34)	4.63 (11.76)	5.87 (14.91)	4.38 (11.13)	29.9 (13.56)	11
1000	TB1000F011②	7 (17.78)	6.38 (16.21)	5.42 (13.77)	5.06 (12.85)	5.31 (13.49)	31.8 (14.42)	11
1500	TB1500F011②	7.45 (18.92)	6.75 (17.15)	6.29 (15.98)	5.25 (13.34)	6.13 (15.57)	44.2 (20.05)	11
2000	TB2000F011②	7.56 (19.20)	9 (22.86)	7.8 (19.81)	4.81 (12.22)	7.5 (19.05)	57.7 (26.17)	11
3000	TB3000F011②	8.69 (22.07)	9 (22.86)	7.5 (19.05)	5.93 (15.06)	7.5 (19.05)	83.6 (37.92)	11
5000	TB5000F011②	11 (27.94)	9 (22.86)	7.5 (19.05)	8.18 (20.78)	7.5 (19.05)	129.4 (58.69)	11

Group I

240, 347, 380 PRIMARY VOLTS — 120 X 240 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
1000	TB1000B012②	7.19 (18.26)	6.38 (16.21)	5.42 (13.77)	5.06 (12.85)	5.31 (13.49)	29 (13.15)	12
1500	TB1500F012②	8.13 (20.65)	6.38 (16.21)	5.44 (13.82)	5.06 (12.85)	5.31 (13.49)	33.3 (15.10)	12
2000	TB2000F012②	8.88 (22.56)	6.75 (17.15)	5.79 (14.71)	6.13 (15.57)	6.13 (15.57)	61.1 (27.71)	12
3000	TB3000F012②	8.5 (21.59)	9 (22.86)	7.62 (19.35)	5.68 (14.43)	7.5 (19.05)	80 (36.29)	12
5000	TB5000F012②	10.31 (26.19)	9 (22.86)	7.5 (19.05)	7.56 (19.20)	7.5 (19.05)	114.6 (51.98)	12

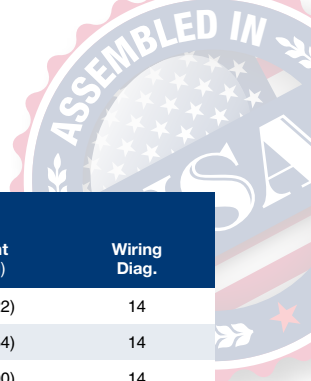
Group J

240 X 480 PRIMARY VOLTS — 24 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A013C*①	3.78 (9.60)	3 (7.62)	3.14 (7.98)	1.96 (4.98)	2.5 (6.35)	2.7 (1.22)	13
75	TB75A013C*①	4 (10.16)	3 (7.62)	3.14 (7.98)	2.42 (6.15)	2.5 (6.35)	3.4 (1.54)	13
100	TB100A013C*①	4 (10.16)	3.38 (8.59)	3.46 (8.79)	2.42 (6.15)	2.81 (7.14)	4.4 (2.00)	13
150	TB150B013C*①	4.03 (10.24)	3.75 (9.53)	3.77 (9.58)	2.82 (7.16)	3.13 (7.95)	6 (2.72)	13
200	TB200B013C*①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.42 (6.15)	3.75 (9.53)	8.9 (4.04)	13
250	TB250B013C*①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.82 (7.16)	3.75 (9.53)	9.3 (4.22)	13
300	TB300B013C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.18 (8.08)	3.75 (9.53)	11 (4.99)	13
350	TB350B013C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.74 (9.50)	3.75 (9.53)	11.6 (5.26)	13
500	TB500B013C*①	6.11 (15.52)	5.25 (13.34)	5.14 (13.06)	3.87 (9.83)	4.38 (11.13)	17.4 (7.89)	13
750	TB750B013C*①	7.61 (19.33)	5.25 (13.34)	5.14 (13.06)	5.37 (13.64)	4.38 (11.13)	26.5 (12.02)	13

*Secondary Fuse Clips Factory Installed





Group K

240 X 480 PRIMARY VOLTS — 120 X 240 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A014①	3.78 (9.60)	3 (7.62)	2.72 (6.9088)	1.96 (4.98)	2.5 (6.35)	2.7 (1.22)	14
75	TB75A014①	4 (10.16)	3 (7.62)	3.14 (7.98)	2.42 (6.15)	2.5 (6.35)	3.4 (1.54)	14
100	TB100A014①	4 (10.16)	3.38 (8.59)	3.03 (7.70)	2.42 (6.15)	2.81 (7.14)	4.4 (2.00)	14
150	TB150B014①	4.03 (10.24)	3.75 (9.53)	3.35 (8.51)	2.82 (7.16)	3.13 (7.95)	6 (2.72)	14
200	TB200B014①	4.38 (11.13)	4.5 (11.43)	3.97 (10.08)	2.42 (6.15)	3.75 (9.53)	8.9 (4.04)	14
250	TB250B014①	4.38 (11.13)	4.5 (11.43)	3.97 (10.08)	2.82 (7.16)	3.75 (9.53)	9.3 (4.22)	14
300	TB300B014①	4.75 (12.07)	4.5 (11.43)	3.97 (10.08)	3.43 (8.71)	3.75 (9.53)	11 (4.99)	14
350	TB350B014①	4.75 (12.07)	4.5 (11.43)	3.97 (10.08)	3.74 (9.50)	3.75 (9.53)	11.6 (5.26)	14
500	TB500B014①	6.11 (15.52)	5.25 (13.34)	4.63 (11.76)	3.87 (9.83)	4.38 (11.13)	17.4 (7.89)	14
750	TB750B014①	7.61 (19.33)	5.25 (13.34)	4.63 (11.76)	5.37 (13.64)	4.38 (11.13)	26.5 (12.02)	14
1000	TB1000B014②	7 (17.78)	5.25 (13.34)	4.48 (11.38)	5.37 (13.64)	4.38 (11.13)	28.8 (13.06)	14
1500	TB1500F014②	7 (17.78)	6.75 (17.15)	5.75 (14.61)	4.25 (10.80)	6.13 (15.57)	37 (16.78)	14
2000	TB2000F014②	7.75 (19.69)	6.75 (17.15)	5.73 (14.55)	4.97 (12.62)	6.13 (15.57)	46 (20.87)	14
3000	TB3000F014②	8 (20.32)	9 (22.86)	7.62 (19.35)	5.24 (13.31)	7.5 (19.05)	80 (36.29)	14
5000	TB5000F014②	10 (25.4)	9 (22.86)	7.5 (19.05)	7.18 (18.24)	7.5 (19.05)	114.6 (51.98)	14

Group L

380, 400, 415 PRIMARY VOLTS — 110 X 220 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A016①	3.78 (9.60)	3 (7.62)	3.14 (7.98)	1.96 (4.98)	2.5 (6.35)	2.7 (1.22)	16
75	TB75A016①	4 (10.16)	3 (7.62)	3.14 (7.98)	2.42 (6.15)	2.5 (6.35)	3.4 (1.54)	16
100	TB100A016①	4 (10.16)	3.38 (8.59)	3.46 (8.79)	2.42 (6.15)	2.81 (7.14)	4.4 (2.00)	16
150	TB150B016①	4.03 (10.24)	3.75 (9.53)	3.77 (9.58)	2.82 (7.16)	3.13 (7.95)	6 (2.72)	16
200	TB200B016①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.42 (6.15)	3.75 (9.53)	8.9 (4.04)	16
250	TB250B016①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.82 (7.16)	3.75 (9.53)	9.3 (4.22)	16
300	TB300B016①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.18 (8.08)	3.75 (9.53)	11 (4.99)	16
350	TB350B016①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.74 (9.50)	3.75 (9.53)	11.6 (5.26)	16
500	TB500B016①	6.11 (15.52)	5.25 (13.34)	5.14 (13.06)	3.87 (9.83)	4.38 (11.13)	17.4 (7.89)	16
750	TB750B016①	7.61 (19.33)	5.25 (13.34)	5.14 (13.06)	5.37 (13.64)	4.38 (11.13)	26.5 (12.02)	16



Group M

550/575/600 PRIMARY VOLTS — 110/115/120 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A017C*①	3.78 (9.60)	3 (7.62)	3.14 (7.98)	1.96 (4.98)	2.5 (6.35)	2.7 (1.22)	17
75	TB75A017C*①	4 (10.16)	3 (7.62)	3.14 (7.98)	2.42 (6.15)	2.5 (6.35)	3.4 (1.54)	17
100	TB100A017C*①	4 (10.16)	3.38 (8.59)	3.46 (8.79)	2.42 (6.15)	2.81 (7.14)	4.4 (2.00)	17
150	TB150B017C*①	4.03 (10.24)	3.75 (9.53)	3.77 (9.58)	2.82 (7.16)	3.13 (7.95)	6 (2.72)	17
200	TB200B017C*①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.42 (6.15)	3.75 (9.53)	8.9 (4.04)	17
250	TB250B017C*①	4.38 (11.13)	4.5 (11.43)	4.4 (11.18)	2.82 (7.16)	3.75 (9.53)	9.3 (4.22)	17
300	TB300B017C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.18 (8.08)	3.75 (9.53)	11 (4.99)	17
350	TB350B017C*①	4.75 (12.07)	4.5 (11.43)	4.4 (11.18)	3.74 (9.50)	3.75 (9.53)	11.6 (5.26)	17
500	TB500B017C*①	6.11 (15.52)	5.25 (13.34)	5.14 (13.06)	3.87 (9.83)	4.38 (11.13)	17.4 (7.89)	17
750	TB750B017C*①	7.61 (19.33)	5.25 (13.34)	5.14 (13.06)	5.37 (13.64)	4.38 (11.13)	26.5 (12.02)	17

*Secondary Fuse Clips Factory Installed

Group N

690 PRIMARY VOLTS — 120 X 240 SECONDARY VOLTS — 1Ø 50/60 Hz

VA Rating	Catalog Number	Dimensions (inches)(cm)					Weight (lb)(kg)	Wiring Diag.
		A	B	C	D	E		
50	TB50A018*	3.78 (9.60)	3 (7.62)	2.95 (7.49)	1.96 (4.98)	2.5 (6.35)	2.7 (1.22)	18
100	TB100A018*	4 (10.16)	3.38 (8.59)	3.27 (8.31)	2.42 (6.15)	2.81 (7.14)	4.1 (1.86)	18
150	TB150B018*	4.03 (10.24)	3.75 (9.53)	3.57 (9.07)	2.42 (6.15)	3.13 (7.95)	5.1 (2.31)	18
250	TB250B018*	4.37 (11.10)	4.5 (11.43)	4.2 (10.67)	2.82 (7.16)	3.75 (9.53)	8.8 (3.99)	18
350	TB350B018*	4.74 (12.04)	4.5 (11.43)	4.18 (10.62)	3.18 (8.08)	3.75 (9.53)	10.9 (4.94)	18
500	TB500B018*	6.11 (15.52)	5.25 (13.34)	4.94 (12.55)	3.87 (9.83)	4.38 (11.13)	16.2 (7.35)	18
750	TB750B018*	7.61 (19.33)	5.25 (13.34)	4.94 (12.55)	5.37 (13.64)	4.38 (11.13)	24.9 (11.29)	18

*Non UL, Non CSA

INTEGRALLY MOUNTED FUSE BLOCKS

Add Suffix to Catalog Number	Configuration
F2	Factory installed integrally mounted 2-pole primary block
F4	Factory installed 2-pole primary block and secondary fuse clips (50 & 75 VA)

Consult Technical Service for available models

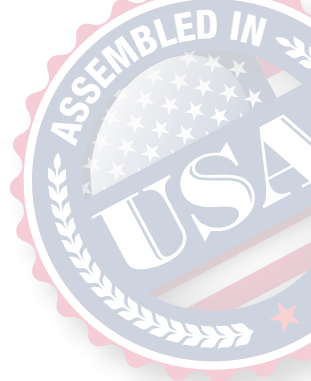
TB SERIES PROTECTIVE DEVICES — Primary Fuse Kits, Terminal Covers

FUSES ARE NOT INCLUDED. CONSULT CATALOG FOR PROPER FUSE SELECTION

Catalog Number	Approximate Ship Weight (Lbs.)(Kg.)
PL112800*	4 Terminal cover (10 pack)
PL112801*	6 Terminal cover (10 pack)
PL112802*	Pri. Fuse Block Cover (10 pack)
PL112803*	Field install Pri. Fuse kit

*Parts not covered under (Assembled in USA)





TB/CE SERIES DIMENSIONAL DRAWING

