

DRY-TYPE DISTRIBUTION TRANSFORMERS

GROUP D



480 DELTA PRIMARY VOLTS — 208Y/120 SECONDARY VOLTS — MAY BE USED ON A 4 WIRE 480Y/277 VOLT SUPPLY — 3Ø, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
3.0	T-2A-53308-1S	10.38 (26.4)	12.37 (31.4)	7.47 (19.0)	75 (34.0)	W	0.75-1.25 (1.9-3.2)	NA	21-F
6.0	T-2A-53309-1S	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	140 (63.5)	W	0.75-1.25 (1.9-3.2)	NA	21-F
9.0	T-2A-53310-1S	14.03 (36.0)	17.77 (45.1)	11.52 (29.3)	180 (81.6)	W	0.75-1.25 (1.9-3.2)	NA	21-F
15.0	T-3-53311-1S	18.86 (48.0)	20.30 (51.6)	9.03 (22.9)	250 (113.0)	F Ⓢ	NA	NA	21-I
25.0	TP-53393-3S	25.48 (64.7)	24.39 (61.9)	19.37 (49.2)	290 (132.0)	F Ⓢ	NA	WS-A-1	22-E
30.0	TP-53312-3S	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	290 (132.0)	F Ⓢ	NA	WS-A-1	22-E
37.5	TP-53394-3S	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	400 (181.0)	F Ⓢ	NA	WS-A-1	22-E
45.0	TP-53313-3S	25.50 (64.7)	24.39 (61.9)	19.37 (49.2)	400 (181.0)	F Ⓢ	NA	WS-A-1	22-E
50.0	TP-53403-3S	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	475 (216.0)	F Ⓢ	NA	WS-A-2	22-E
75.0	TP-53314-3S	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	600 (226.8)	F Ⓢ	NA	WS-A-2	22-E
112.5	TP-53315-3S	35.47 (90.1)	31.90 (81.0)	26.88 (68.3)	750 (340.0)	F	NA	WS-A-3	22-E
150.0	TP-53316-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	970 (440.0)	F	NA	WS-A-4	22-E
225.0	TP-53317-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1200 (544.0)	F	NA	WS-A-4	22-E
300.0	TP-53318-3S	45.60 (115.8)	39.50 (100.3)	35.50 (90.2)	1550 (703.0)	F	NA	WS-A-5	22-E
500.0	TP1-53319-3S	57.80 (146.8)	45.00 (115.8)	41.50 (105.4)	2480 (1125.0)	F	NA	WS-A-7	22-G
750.0	TP1-53321-3S	62.80 (159.5)	54.00 (137.2)	41.50 (105.4)	3600 (1633.0)	F	NA	WS-A-6	22-G
1000.0	TP1-53322-2S	62.80 (159.5)	54.00 (137.2)	41.50 (105.4)	4300 (1950.0)	F	NA	WS-A-6	80-G

GROUP D1

480 DELTA PRIMARY VOLTS — SHIELDED UNITS — 208Y/120 SECONDARY VOLTS

MAY BE USED ON A 4 WIRE 480Y/277 VOLT SUPPLY — 3Ø, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
30.0	T-79804-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	360 (163.3)	F	NA	WS-A-8	22-E
45.0	T-79805-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	430 (195.0)	F	NA	WS-A-8	22-E
75.0	T-79806-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	530 (240.4)	F	NA	WS-A-8	22-E
112.5	T-79807-3	35.90 (91.2)	31.90 (81.0)	26.90 (68.3)	630 (285.8)	F	NA	WS-A-3	67-E

* Non-Shielded Unit

GROUP D2

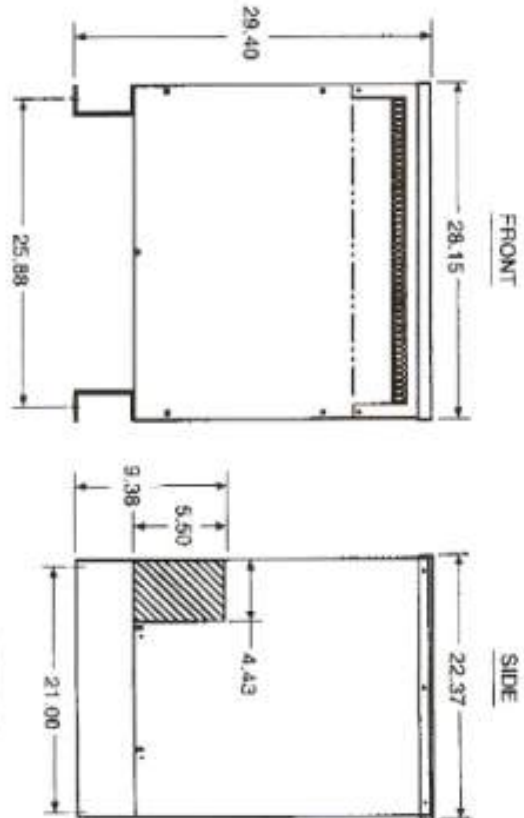
480 DELTA PRIMARY VOLTS — COPPER WINDINGS — 208Y/120 SECONDARY VOLTS, 150° C RISE — 3Ø, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
15.0	TC-53311-1S*	18.90 (48.0)	20.30 (51.6)	9.00 (22.9)	245 (111.1)	F Ⓢ	NA	NA	21-I
30.0	TPC-53312-3S	25.50 (64.8)	24.40 (62.0)	19.40 (49.3)	346 (157.0)	F Ⓢ	NA	WS-A-1	22-E
45.0	TPC-53313-3S	25.50 (64.8)	24.40 (62.0)	19.40 (49.3)	397 (180.1)	F Ⓢ	NA	WS-A-1	22-E
75.0	TPC-53314-3S	28.41 (74.7)	28.15 (71.5)	22.37 (56.8)	521 (236.3)	F Ⓢ	NA	WS-A-2	22-E
112.5	TPC-53315-3S	35.47 (90.1)	31.90 (81.0)	26.88 (68.3)	766 (347.5)	F	NA	WS-A-3	22-E
150.0	TPC-53316-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1026 (465.4)	F	NA	WS-A-4	22-E
225.0	TPC-53317-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1300 (589.7)	F	NA	WS-A-4	22-E
300.0	TC-1-53318-3S	45.60 (115.8)	39.50 (100.3)	35.50 (90.2)	1551 (703.5)	F	NA	WS-A-5	22-E
500.0	TC-53319-3S	57.80 (146.8)	45.00 (114.3)	41.50 (105.4)	2819 (1278.7)	F	NA	WS-A-7	22-E

* NOTE: TC-53311-1S—Encapsulated, 115° C Rise, 180°C Insulation

Ⓢ Wall mounting brackets are available for these sizes, refer to page 157.

Ⓢ Consult factory for wiring diagram.

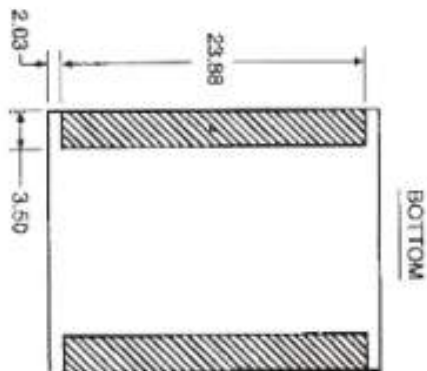


KEY: DENOTES CONDUIT AREAS

KVA	RISE	PHASE	WINDING
* 30	80 & 115	3	AL
* 45	80 & 115	3	AL
60 & 80	80 & 115	3	AL
34	150	3	AL
51	150	3	AL
63	150	3	AL
75	150	3	AL & CU
50	150	1	AL
75 & 80	80 & 115	3	CU

* SEE TABLE

NOTE:
PRIORITY AND SECONDARY BUS AREA
IN FRONT OF CASE



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DRY-TYPE DISTRIBUTION TRANSFORMERS

GROUP D



480 DELTA PRIMARY VOLTS — 208Y/120 SECONDARY VOLTS — MAY BE USED ON A 4 WIRE 480Y/277 VOLT SUPPLY — 3Ø, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
3.0	T-2A-5330B-1S	10.38 (26.4)	12.37 (31.4)	7.47 (19.0)	75 (34.0)	W	0.75-1.25 (1.9-3.2)	NA	21-F
6.0	T-2A-5330W-1S	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	140 (63.5)	W	0.75-1.25 (1.9-3.2)	NA	21-F
9.0	T-2A-53310-1S	14.03 (35.6)	17.77 (45.1)	11.52 (29.3)	190 (81.6)	W	0.75-1.25 (1.9-3.2)	NA	21-F
15.0	T-3-53311-1S	18.86 (48.0)	20.30 (51.6)	9.03 (22.9)	250 (113.0)	F Ⓢ	NA	NA	21-I
25.0	TP-53393-3S	25.48 (64.7)	24.39 (61.9)	19.37 (49.2)	290 (132.0)	F Ⓢ	NA	WS-A-1	22-E
30.0	TP-53312-3S	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	290 (132.0)	F Ⓢ	NA	WS-A-1	22-E
37.5	TP-53394-3S	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	400 (181.0)	F Ⓢ	NA	WS-A-1	22-E
45.0	TP-53315-3S	25.50 (64.7)	24.39 (61.9)	19.37 (49.2)	400 (181.0)	F Ⓢ	NA	WS-A-1	22-E
50.0	TP-53403-3S	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	475 (216.0)	F Ⓢ	NA	WS-A-2	22-E
75.0	TP-53314-3S	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	500 (226.8)	F Ⓢ	NA	WS-A-2	22-E
112.5	TP-53315-3S	35.47 (90.1)	31.90 (81.0)	26.88 (68.3)	750 (340.0)	F	NA	WS-A-3	22-E
150.0	TP-53316-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	970 (440.0)	F	NA	WS-A-4	22-E
225.0	TP-53317-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1200 (544.0)	F	NA	WS-A-4	22-E
300.0	TP-53318-3S	45.60 (115.8)	39.50 (100.3)	35.50 (90.2)	1550 (703.0)	F	NA	WS-A-5	22-E
500.0	TP1-53319-3S	57.80 (146.8)	45.60 (115.8)	41.50 (105.4)	2480 (1125.0)	F	NA	WS-A-7	22-G
750.0	TP1-53321-3S	62.80 (159.5)	54.00 (137.2)	41.50 (105.4)	3600 (1633.0)	F	NA	WS-A-6	22-G
1000.0	TP1-53322-2S	62.80 (159.5)	54.00 (137.2)	41.50 (105.4)	4300 (1950.0)	F	NA	WS-A-6	60-G

GROUP D1

480 DELTA PRIMARY VOLTS — SHIELDED UNITS — 208Y/120 SECONDARY VOLTS
MAY BE USED ON A 4 WIRE 480Y/277 VOLT SUPPLY — 3Ø, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
30.0	T-79804-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	380 (163.3)	F	NA	WS-A-8	22-E
45.0	T-79805-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	430 (195.0)	F	NA	WS-A-8	22-E
75.0	T-79806-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	530 (240.4)	F	NA	WS-A-8	22-E
112.5	T-79807-3	35.90 (91.2)	31.90 (81.0)	26.90 (68.3)	630 (285.8)	F	NA	WS-A-3	67-E

* Non-Shielded Unit

GROUP D2

480 DELTA PRIMARY VOLTS — COPPER WINDINGS — 208Y/120 SECONDARY VOLTS, 150° C RISE — 3Ø, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
15.0	TC-53311-1S*	18.90 (48.0)	20.30 (51.6)	9.00 (22.9)	245 (111.1)	F Ⓢ	NA	NA	21-I
30.0	TPC-53312-3S	25.50 (64.8)	24.40 (62.0)	19.40 (49.3)	346 (157.0)	F Ⓢ	NA	WS-A-1	22-E
45.0	TPC-53313-3S	25.50 (64.8)	24.40 (62.0)	19.40 (49.3)	397 (180.1)	F Ⓢ	NA	WS-A-1	22-E
75.0	TPC-53314-3S	29.41 (74.7)	26.15 (71.5)	22.37 (56.8)	521 (236.3)	F Ⓢ	NA	WS-A-2	22-E
112.5	TPC-53315-3S	35.47 (90.1)	31.90 (81.0)	26.88 (68.3)	766 (347.5)	F	NA	WS-A-3	22-E
150.0	TPC-53316-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1026 (465.4)	F	NA	WS-A-4	22-E
225.0	TPC-53317-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1300 (589.7)	F	NA	WS-A-4	22-E
300.0	TC-1-53318-3S	45.60 (115.8)	39.50 (100.3)	35.50 (90.2)	1551 (703.5)	F	NA	WS-A-5	22-E
500.0	TC-53319-3S	57.80 (146.8)	45.00 (114.3)	41.50 (105.4)	2819 (1278.7)	F	NA	WS-A-7	22-E

* NOTE: TC-53311-1S—Encapsulated, 115° C Rise, 180°C Insulation

1 Wall mounting brackets are available for these sizes, refer to page 157.

2 Consult factory for wiring diagram.

DRY-TYPE DISTRIBUTION TRANSFORMERS

GROUP D



180 DELTA PRIMARY VOLTS — 208Y/120 SECONDARY VOLTS — MAY BE USED ON A 4 WIRE 480Y/277 VOLT SUPPLY — 30, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
3.0	T-2A-53308-1S	10.38 (26.4)	12.37 (31.4)	7.47 (19.0)	75 (34.0)	W	0.75-1.25 (1.9-3.2)	NA	21-F
6.0	T-2A-53309-1S	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	140 (63.5)	W	0.75-1.25 (1.9-3.2)	NA	21-F
9.0	T-2A-53310-1S	14.03 (36.0)	17.77 (45.1)	11.32 (29.3)	180 (81.6)	W	0.75-1.25 (1.9-3.2)	NA	21-F
15.0	T-3-53311-1S	18.86 (48.0)	20.30 (51.6)	9.03 (22.9)	250 (113.0)	F Ⓟ	NA	NA	21-I
25.0	TP-53393-3S	25.48 (64.7)	24.39 (61.9)	19.37 (49.2)	290 (132.0)	F Ⓟ	NA	WS-A-1	22-E
30.0	TP-53312-3S	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	290 (132.0)	F Ⓟ	NA	WS-A-1	22-E
37.5	TP-53394-3S	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	400 (181.0)	F Ⓟ	NA	WS-A-1	22-E
45.0	TP-53313-3S	25.50 (64.7)	24.39 (61.9)	19.37 (49.2)	400 (181.0)	F Ⓟ	NA	WS-A-1	22-E
50.0	TP-53403-3S	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	475 (216.0)	F Ⓟ	NA	WS-A-2	22-E
75.0	TP-53314-3S	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	500 (226.8)	F Ⓟ	NA	WS-A-2	22-E
112.5	TP-53315-3S	35.47 (90.1)	31.90 (81.0)	26.88 (68.3)	750 (340.0)	F	NA	WS-A-3	22-E
150.0	TP-53316-3S	41.52 (105.4)	32.90 (83.6)	29.87 (75.9)	970 (440.0)	F	NA	WS-A-4	22-E
225.0	TP-53317-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1200 (544.0)	F	NA	WS-A-4	22-E
300.0	TP-53318-3S	45.60 (115.8)	39.50 (100.3)	35.50 (90.2)	1550 (703.0)	F	NA	WS-A-5	22-E
500.0	TP1-53319-3S	57.80 (146.8)	45.00 (115.8)	41.50 (105.4)	2480 (1125.0)	F	NA	WS-A-7	22-G
750.0	TP1-53321-3S	62.80 (159.5)	54.00 (137.2)	41.50 (105.4)	3600 (1633.0)	F	NA	WS-A-6	22-G
1000.0	TP1-53322-2S	62.80 (159.5)	54.00 (137.2)	41.50 (105.4)	4300 (1950.0)	F	NA	WS-A-6	80-G

GROUP D1

180 DELTA PRIMARY VOLTS — SHIELDED UNITS — 208Y/120 SECONDARY VOLTS
MAY BE USED ON A 4 WIRE 480Y/277 VOLT SUPPLY — 30, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
30.0	T-79804-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	360 (163.3)	F	NA	WS-A-8	22-L
45.0	T-79805-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	430 (195.0)	F	NA	WS-A-8	22-E
75.0	T-79806-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	530 (240.4)	F	NA	WS-A-8	22-E
112.5	T-79807-3	35.90 (91.2)	31.90 (81.0)	26.90 (68.3)	830 (285.8)	F	NA	WS-A-3	67-E

* Non-Shielded Unit

GROUP D2

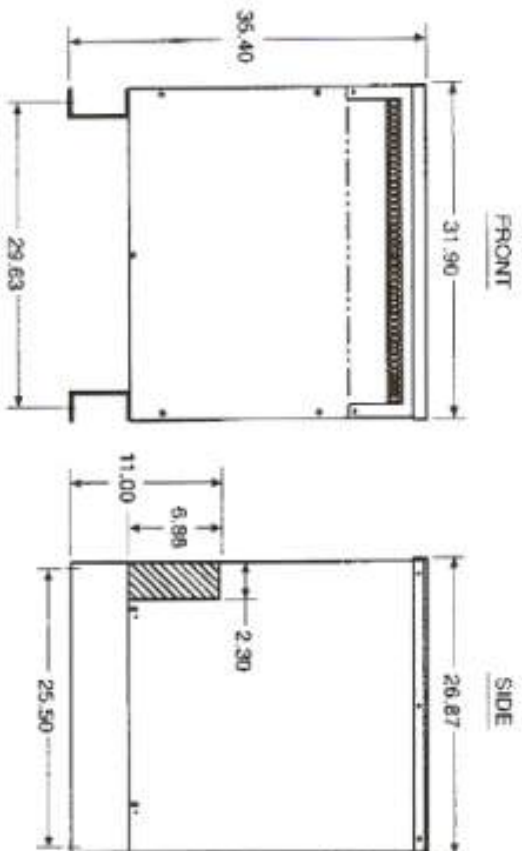
180 DELTA PRIMARY VOLTS — COPPER WINDINGS — 208Y/120 SECONDARY VOLTS, 150° C RISE — 30, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
15.0	TC-53311-1S*	18.90 (48.0)	20.30 (51.6)	9.00 (22.9)	245 (111.1)	F Ⓟ	NA	NA	21-I
30.0	TPC-53312-3S	25.50 (64.8)	24.40 (62.0)	19.40 (49.3)	346 (157.0)	F Ⓟ	NA	WS-A-1	22-E
45.0	TPC-53313-3S	25.50 (64.8)	24.40 (62.0)	19.40 (49.3)	397 (180.1)	F Ⓟ	NA	WS-A-1	22-E
75.0	TPC-53314-3S	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	521 (236.3)	F Ⓟ	NA	WS-A-2	22-E
112.5	TPC-53315-3S	35.47 (90.1)	31.90 (81.0)	26.88 (68.3)	766 (347.5)	F	NA	WS-A-3	22-E
150.0	TPC-53316-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1026 (465.4)	F	NA	WS-A-4	22-E
225.0	TPC-53317-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1300 (589.7)	F	NA	WS-A-4	22-E
300.0	TC-1-53318-3S	45.60 (115.8)	39.60 (100.3)	35.50 (90.2)	1551 (703.5)	F	NA	WS-A-5	22-E
500.0	TC-53319-3S	57.80 (146.8)	45.00 (114.3)	41.50 (105.4)	2819 (1278.7)	F	NA	WS-A-7	22-E

* NOTE: TC-53311-1S—Encapsulated, 115° C Rise, 180°C Insulation

Ⓟ Wall mounting brackets are available for these sizes, refer to page 157.

Ⓟ Consult factory for wiring diagram.

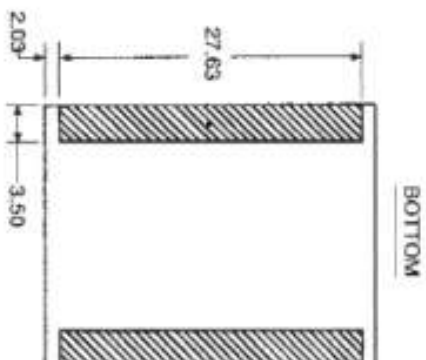


KEY DENOTES CONDUIT AREAS

KVA	RISE	PHASE
* 75	80 & 115	3
75 (15 & 85)	80 & 115	3
93	150	3
112.5	150	3
118	150	3
150 (15 & 85)	80 & 115	1
50	150	1
75 (15 & 85)	80 & 115	1
75	150	1

* SEE PART 76

NOTE
PRIMARY AND SECONDARY BUS AREA
IN FRONT OF CASE.



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DRY-TYPE DISTRIBUTION TRANSFORMERS

GROUP D



480 DELTA PRIMARY VOLTS — 208Y/120 SECONDARY VOLTS — MAY BE USED ON A 4 WIRE 480Y/277 VOLT SUPPLY — 3Ø, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
3.0	T-2A-53308-1S	10.38 (26.4)	12.37 (31.4)	7.47 (19.0)	75 (34.0)	W	0.75-1.25 (1.9-3.2)	NA	21-F
6.0	T-2A-53309-1S	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	140 (63.5)	W	0.75-1.25 (1.9-3.2)	NA	21-F
9.0	T-2A-53310-1S	14.03 (36.0)	17.77 (45.1)	11.52 (29.3)	180 (81.6)	W	0.75-1.25 (1.9-3.2)	NA	21-F
15.0	T-3-53311-1S	18.85 (48.0)	20.30 (51.6)	9.03 (22.9)	250 (113.0)	F Ⓢ	NA	NA	21-I
25.0	TP-53393-3S	25.48 (64.7)	24.39 (61.9)	19.37 (49.2)	290 (132.0)	F Ⓢ	NA	WS-A-1	22-E
30.0	TP-53312-3S	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	290 (132.0)	F Ⓢ	NA	WS-A-1	22-E
37.5	TP-53394-3S	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	400 (181.0)	F Ⓢ	NA	WS-A-1	22-E
45.0	TP-53313-3S	25.50 (64.7)	24.39 (61.9)	19.37 (49.2)	400 (181.0)	F Ⓢ	NA	WS-A-1	22-E
50.0	TP-53403-3S	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	475 (216.0)	F Ⓢ	NA	WS-A-2	22-E
75.0	TP-53314-3S	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	500 (226.8)	F Ⓢ	NA	WS-A-2	22-E
112.5	TP-53315-3S	35.47 (90.1)	31.90 (81.0)	26.88 (68.3)	750 (340.0)	F	NA	WS-A-3	22-E
150.0	TP-53318-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	970 (440.0)	F	NA	WS-A-4	22-E
225.0	TP-53317-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1200 (544.0)	F	NA	WS-A-4	22-E
300.0	TP-53318-3S	45.60 (115.8)	39.50 (100.3)	35.50 (90.2)	1550 (703.0)	F	NA	WS-A-5	22-E
500.0	TP1-53319-3S	57.80 (146.8)	45.00 (115.8)	41.50 (105.4)	2480 (1125.0)	F	NA	WS-A-7	22-G
750.0	TP1-53321-3S	62.80 (159.5)	54.00 (137.2)	41.50 (105.4)	3600 (1633.0)	F	NA	WS-A-8	22-G
1000.0	TP1-53322-2S	62.80 (159.5)	54.00 (137.2)	41.50 (105.4)	4300 (1950.0)	F	NA	WS-A-8	80-G

GROUP D1

480 DELTA PRIMARY VOLTS — SHIELDED UNITS — 208Y/120 SECONDARY VOLTS
MAY BE USED ON A 4 WIRE 480Y/277 VOLT SUPPLY — 3Ø, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
30.0	T-79804-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	360 (163.3)	F	NA	WS-A-8	22-E
45.0	T-79805-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	430 (195.0)	F	NA	WS-A-8	22-E
75.0	T-79806-3S	29.59 (75.2)	25.15 (63.9)	22.50 (57.2)	530 (240.4)	F	NA	WS-A-8	22-E
112.5	T-79807-3	35.90 (91.2)	31.90 (81.0)	26.90 (68.3)	630 (285.8)	F	NA	WS-A-3	67-E

* Non-Shielded Unit

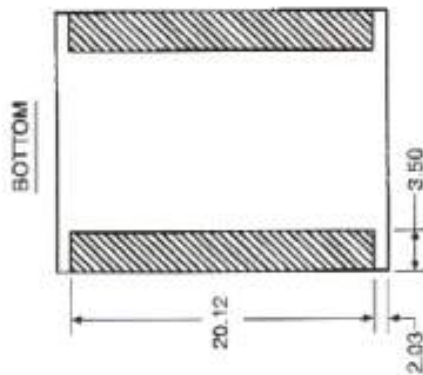
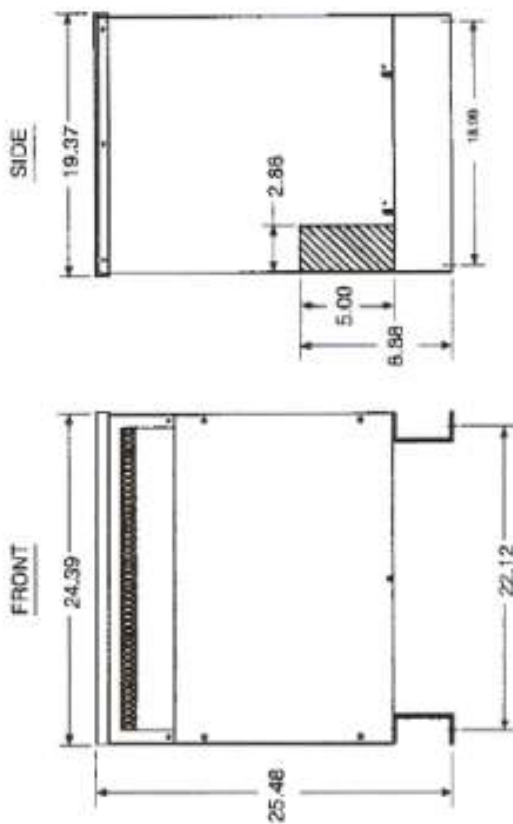
GROUP D2

480 DELTA PRIMARY VOLTS — COPPER WINDINGS — 208Y/120 SECONDARY VOLTS, 150° C RISE — 3Ø, 60 Hz

KVA	CATALOG NO.	APPROX. DIMENSIONS Inches (Cm.)			APPROX. SHIP WEIGHT Lbs. (Kg.)	TYPE MTG. W - Wall F - Floor	KNOCKOUTS Inches (Cm.)	WEATHER SHIELD P/N	Wiring Diagrams & Design Figures Begin on Page 146
		HEIGHT	WIDTH	DEPTH					
15.0	TC-53311-1S*	18.90 (48.0)	20.30 (51.6)	9.00 (22.9)	245 (111.1)	F Ⓢ	NA	NA	21-I
30.0	TPC-53312-3S	25.50 (64.8)	24.40 (62.0)	19.40 (49.3)	346 (157.0)	F Ⓢ	NA	WS-A-1	22-E
45.0	TPC-53313-3S	25.50 (64.8)	24.40 (62.0)	19.40 (49.3)	357 (160.1)	F Ⓢ	NA	WS-A-1	22-E
75.0	TPC-53314-3S	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	521 (236.3)	F Ⓢ	NA	WS-A-2	22-E
112.5	TPC-53315-3S	35.47 (90.1)	31.90 (81.0)	26.88 (68.3)	766 (347.5)	F	NA	WS-A-3	22-E
150.0	TPC-53316-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1026 (465.4)	F	NA	WS-A-4	22-E
225.0	TPC-53317-3S	41.52 (105.5)	32.90 (83.6)	29.87 (75.9)	1300 (589.7)	F	NA	WS-A-4	22-E
300.0	TC-1-53318-3S	45.60 (115.8)	39.50 (100.3)	35.50 (90.2)	1551 (703.5)	F	NA	WS-A-5	22-E
500.0	TC-53319-3S	57.80 (146.8)	45.00 (114.3)	41.50 (105.4)	2819 (1270.7)	F	NA	WS-A-7	22-E

* NOTE: TC-53311-1S — Fencapulated, 115° C Rise, 180°C Insulation

- ① Wall mounting brackets are available for these sizes, refer to page 157.
② Consult factory for wiring diagram.



KEY: DENOTES CONDUIT AREAS

KVA	RISE	PHASE	WINDING
27	150	3	AL
30	150	3	AL & CU
36 (15 & 45)	80 & 115	3	AL & CU
34	150	3	AL
40	150	3	AL
45	150	3	AL & CU
47 (15 & 45)	80 & 115	1	AL
37.5	150	1	AL
46 (15 & 45)	80 & 115	3	CU
50	150	1	AL

NOTE:
PRIMARY AND SECONDARY BUS AREA
IN FRONT OF CASE

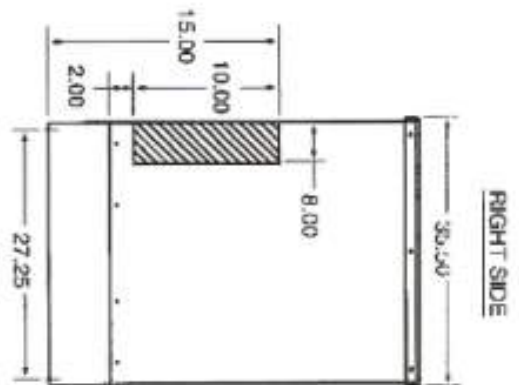
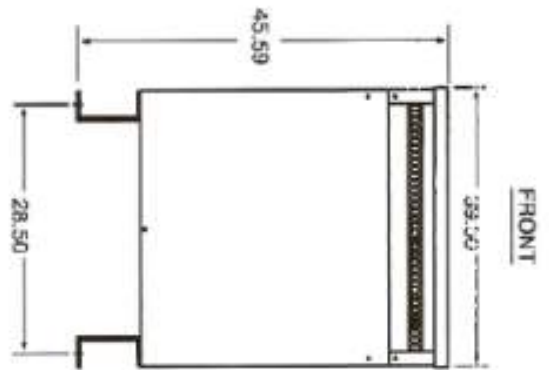


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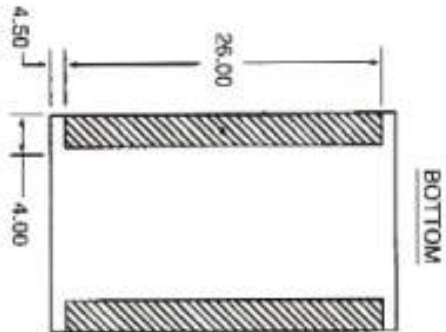
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KEY: DENOTES CONDUIT AREAS

KVA	RISE	PHASE
225	80	3
300	80 & 115	3
300	150	3
250	150	1
167	80 & 115	1
167	150	1
100	90 & 115	1
275	150	3
300	150	3

NOTE: PRIMARY AND SECONDARY BUS ARE IN FRONT OF CASE.



Acme Electric Corporation

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A-701550-07

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