

Dry Type Transformers Servicenter Mini-Unit Substations Integral Transformer and Distribution Center Single-Phase and Three-Phase TP-1

Section 10



Single-Phase Servicenter

Single-Phase Indoor/Outdoor 60 Hz

Input Voltage	Output Voltage	kVA	Max. Branch Spaces 1 THQL, 1-pole	Max. Branch Spaces 1 THQL, 2-pole	Max. Branch Spaces 1/2 THQP, 1-pole	Max. Branch Spaces 1/2 THQP, 2-pole	Total 1-pole Spaces	Breaker Rating-Primary Main	Breaker Rating-Secondary Main	Product Number
480 Volts	120/240 Volts	5	6	3	12	4	12	25A	30A	9T21S1050
480 Volts	120/240 Volts	7.5	6	3	12	4	12	35A	40A	9T21S1070
480 Volts	120/240 Volts	10	8	4	16	6	16	50A	50A	9T21S1100
480 Volts	120/240 Volts	15	12	6	24	10	24	60A	70A	9T21S1150
480 Volts	120/240 Volts	25	20	10	8	2	24	100A	150A	9T21S1250

Three-Phase Indoor/Outdoor 60 Hz¹ TP-1

Input Voltage	Output Voltage	kVA	Max. Branch Spaces, 1-pole	Max. Branch Spaces 3-pole	Total 1-pole Spaces	Breaker Rating-Primary Main	Breaker Rating-Secondary Main	Product Number
240 Volts	208V/120 Volts	15	12	4	12	100A	50A	9T83B0001
240 Volts	208V/120 Volts	22.5	18	6	18	100A	70A	9T83B0002
240 Volts	208V/120 Volts	30	24	8	24	100A	100A	9T83B0003
480 Volts	208V/120 Volts	15	12	4	12	40A	50A	9T83B0011
480 Volts	208V/120 Volts	22.5	18	6	18	70A	70A	9T83B0012
480 Volts	208V/120 Volts	30	24	8	24	90A	100A	9T83B0013
600 Volts	208V/120 Volts	15	12	4	12	40A	50A	9T83B0021
600 Volts	208V/120 Volts	22.5	18	6	18	40A	70A	9T83B0022
600 Volts	208V/120 Volts	30	24	8	24	40A	100A	9T83B0023

¹(3) 5% taps 1 above and 2 below rated primary volts.

Three-Phase Indoor/Outdoor 60 Hz¹ TP-1 Copper Transformer Windings

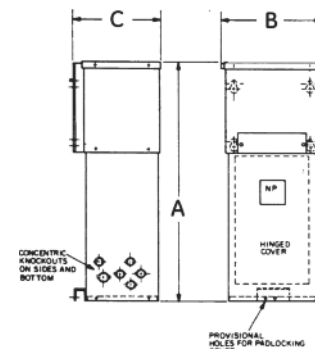
Input Voltage	Output Voltage	kVA	Max. Branch Spaces, 1-pole	Max. Branch Spaces 3-pole	Total 1-pole Spaces	Breaker Rating-Primary Main	Breaker Rating-Secondary Main	Product Number
240 Volts	208V/120 Volts	15	12	4	12	100A	50A	9T83C0001
240 Volts	208V/120 Volts	22.5	18	6	18	100A	70A	9T83C0002
240 Volts	208V/120 Volts	30	24	8	24	100A	100A	9T83C0003
480 Volts	208V/120 Volts	15	12	4	12	40A	50A	9T83C0011
480 Volts	208V/120 Volts	22.5	18	6	18	70A	70A	9T83C0012
480 Volts	208V/120 Volts	30	24	8	24	90A	100A	9T83C0013
600 Volts	208V/120 Volts	15	12	4	12	40A	50A	9T83C0021
600 Volts	208V/120 Volts	22.5	18	6	18	40A	70A	9T83C0022
600 Volts	208V/120 Volts	30	24	8	24	40A	100A	9T83C0023



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Single-Phase

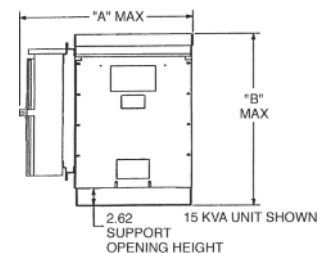
kVA	Product Number	Approx. Net Weight (Lbs.)	"A" Height (in.)	"B" Width (in.)	"C" Depth (in.)	Frame Size
5	9T21S1050	103	32.5	10.75	11.12	16350
7.5	9T21S1070	147	32.5	10.75	11.12	16600
10	9T21S1100	198	35	12.62	12.62	19400
15	9T21S1150	220	35	12.62	12.62	19500
25	9T21S1250	388	44.75	16.75	16	50500



Dimensions Single-Phase

Three-Phase TP-1 Aluminum

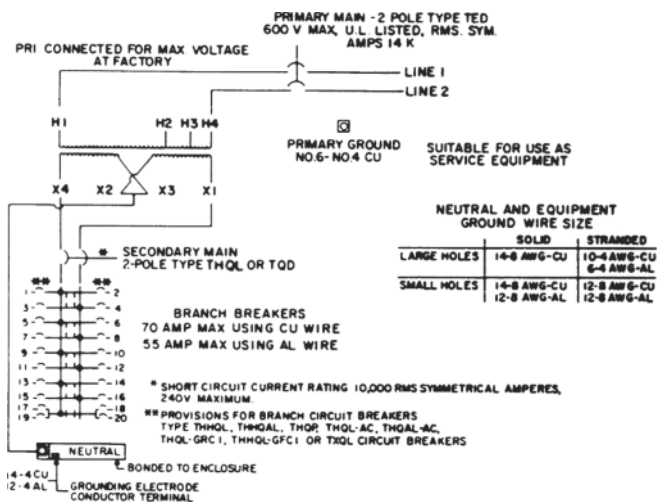
kVA	Product Number	Approx. Net Weight (Lbs.)	"B" Height (in.)	"A" Width (in.)	Depth (in.)	Frame Size
15	9T83B0001	280	27.3	27.4	16.9	XV371
22.5	9T83B0002	450	32.2	34.5	24	XV372
30	9T83B0003	450	32.2	34.5	24	XV372
15	9T83B0011	280	27.3	27.4	16.9	XV371
22.5	9T83B0012	450	32.2	34.5	24	XV372
30	9T83B0013	450	32.2	34.5	24	XV372
15	9T83B0021	280	27.3	27.4	16.9	XV371
22.5	9T83B0022	450	32.2	34.5	24	XV372
30	9T83B0023	450	32.2	34.5	24	XV372



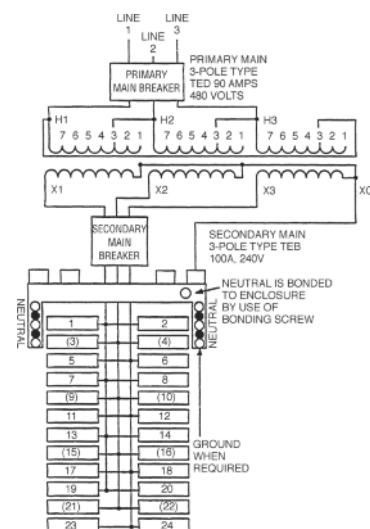
Dimensions Three-Phase

Three-Phase TP-1 Copper

kVA	Product Number	Approx Net Weight (Lbs)	"A" Height (in.)	"B" Height (in.)	"C" Height (in.)	Frame Size
15	9T83C0001	290	27.3	27.4	16.9	XV371
22.5	9T83C0002	460	32.2	34.5	24	XV372
30	9T83C0003	460	32.2	34.5	24	XV372
15	9T83C0011	290	27.3	27.4	16.9	Y371C
22.5	9T83C0012	460	32.2	34.5	24	Y372C
30	9T83C0013	460	32.2	34.5	24	Y372C
15	9T83C0021	290	27.3	27.4	16.9	XV371
22.5	9T83C0022	460	32.2	34.5	24	XV372
30	9T83C0023	460	32.2	34.5	24	XV372



Typical Wiring Diagram Single-Phase



Typical Wiring Diagram Three-Phase¹

¹For 22.5 and 15 kVA three-phase Servicenters, secondary main breaker is a backfed plug-in type with positive retainers.

