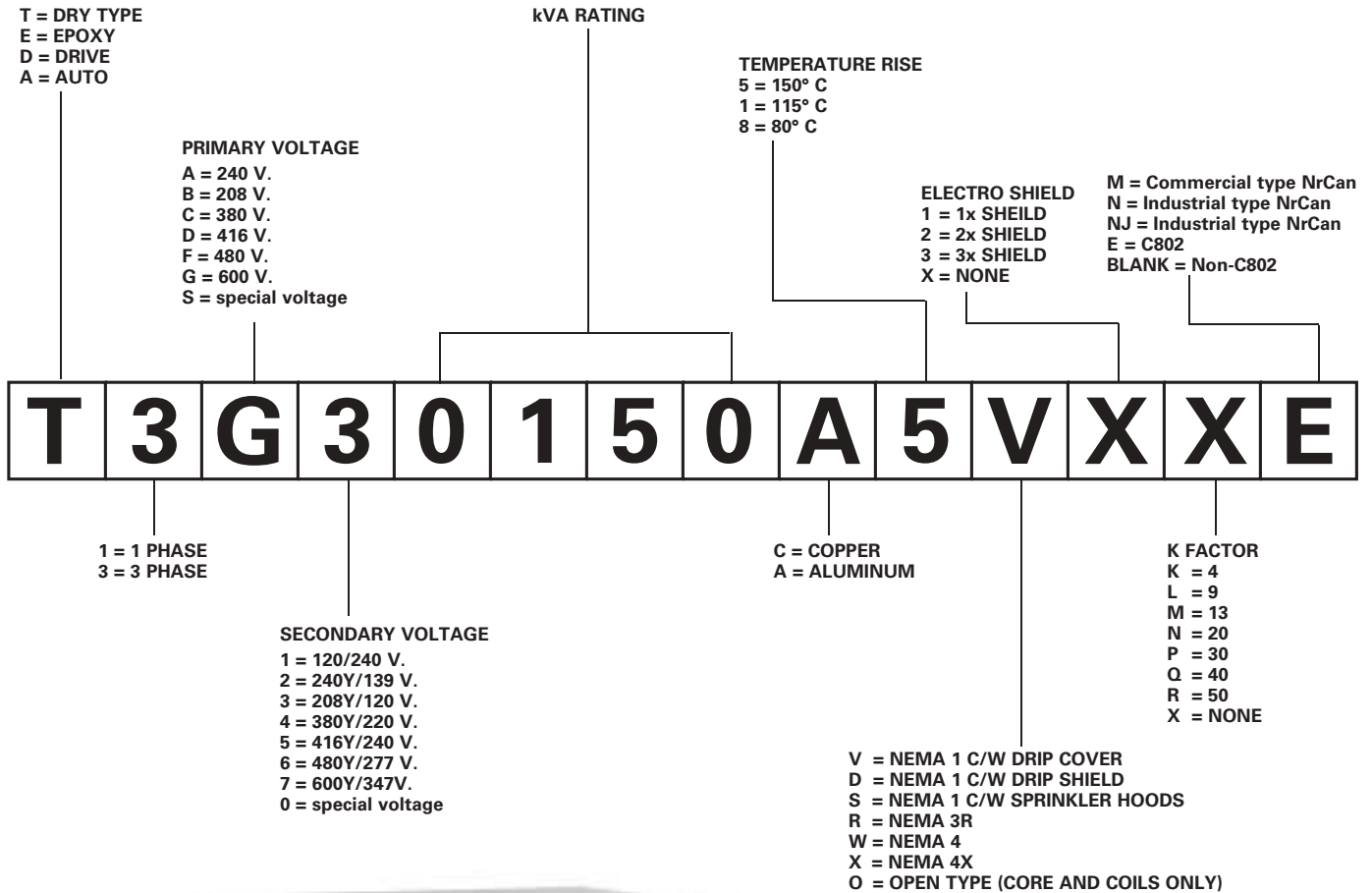


Dry Type Transformers

Catalogue Coding System

Selection

CATALOGUE CODE



7
 DRY TYPE
 TRANSFORMERS

NRCAN Rated General Purpose Transformers

Industrial Type Aluminum Winding

Selection

Features:

- 15 - 250 kVA single phase
15 - 450 kVA three phase
- Aluminum winding -
(standard 3 coil delta-wye
three phase)
- High quality grain-oriented steel laminations
- Insulation class 220
- Compact and easy-to-install
enclosure
- Quiet operation and adequate
ventilation
- Epoxy Vacuum Impregnated (EVI)
- Manufactured to ISO standards upon request

Options and Accessories:

- Electrostatic shield
- Special paint (other than ASA 61 grey)
- 115°C and 80°C temperature rise
- Operating frequencies other than 60 Hertz
- Special voltage (for domestic or
export applications)
- Low loss and low noise special designs
- Anti-vibration pads
- Temperature probes
- Busbar to your specifications



150°C Rise - Primary 600 V or 480 V

Catalogue Number	kVA	Mounting ^①	Taps ^②	Dimensions						Weight		Noise level (dB)
				Height		Width		Depth		lbs	kg	
				in.	mm	in.	mm	in.	mm			

Single Phase, Secondary 120 / 240 V

T1*10015A5RXXN	15	W/F	4 X 2.5	30	762	18	457	14	349	169	77	50
T1*10025A5RXXN	25	W/F	4 X 2.5	33	838	21	533	16	400	227	103	50
T1*10037A5RXXN	37.5	W/F	4 X 2.5	33	838	21	533	16	400	277	126	50
T1*10050A5RXXN	50	W/F	4 X 2.5	33	838	21	533	16	400	350	159	50
T1*10075A5RXXN	75	F	4 X 2.5	47	1194	24	616	23	583	486	221	55
T1*10100A5RXXN	100	F	4 X 2.5	47	1194	24	616	23	583	572	260	55
T1*10150A5RXXN	150	F	4 X 2.5	51	1295	28	718	27	685	814	370	60
T1*10200A5RXXN	200	F	4 X 2.5	58	1473	32	820	30	761	1109	504	65
T1*10250A5RXXN	250	F	4 X 2.5	58	1473	32	820	30	761	1265	575	65

Three Phase, Secondary 208 Y / 120 V

T3*30015A5RXXN	15	W/F	4 X 2.5	26	660	18	464	15	375	207	94	45
T3*30030A5RXXN	30	W/F	4 X 2.5	31	775	23	578	18	451	335	152	45
T3*30045A5RXXN	45	W/F	4 X 2.5	31	775	23	578	18	451	381	173	45
T3*30075A5RXXN	75	F	4 X 2.5	31	775	23	578	18	451	396	180	50
T3*30112A5RXXN	112.5	F	4 X 2.5	37	940	28	705	22	552	596	270	50
T3*30150A5RXXN	150	F	4 X 2.5	37	940	28	705	22	552	734	333	50
T3*30225A5RXXN	225	F	4 X 2.5	46	1168	31	787	24	616	1092	495	55
T3*30300A5RXXN	300	F	4 X 2.5	53	1346	37	927	29	724	1635	742	55
T3*30450A5RXXN	450	F	4 X 2.5	53	1346	37	927	29	724	2176	987	55
T3*30500A5RXXN	500											
T3*30600A5RXXN	600											
T3*30750A5RXXN	750											
T3*31000A5RXXN	1000											

CONSULT CUSTOMER SERVICE

* Primary Voltage - F = 480V, G = 600V. See page 7-3 for Catalogue Code Detail.

① W = Wall mount F = Floor mount

② Taps: Single phase: 15-250 kVA - 2 x FCAN, 2 x FCBN
Three phase: 15-1000 kVA - 2 x FCAN, 2 x FCBN

All weights and dimensions are approximate and subject to change without notice.

NRCAN Rated General Purpose Transformers

Industrial Type Aluminium Winding

Selection

Features:

- Large connection compartment for ease of wiring and installation
- Many sizes in stock and available for immediate shipment
- Quiet operation for installation flexibility
- Seismic certification for all units
- Space-saving design for easy handling and installation
- Termination lugs provided with transformer through 75 kVA
- Wall brackets available for units up to 75kVA
- Vibration isolation pads provide quiet operation
- Staggered front loop taps for easy connection
- CSA certified (163067) and UL listed (E78376)



150°C Rise - Primary 600V or 480V^①

Catalogue Number	kVA	Mounting	Enclosure Figure ^④	Dimensions ^②										Weight lbs.
				A		B		C		D		E		
				inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	

Three Phase, 480V Primary, 208 Y / 120 Secondary^③

T3F30015A5RXXNJ	15	W/F	8	22	559	19	483	21	533	16	401	12	305	235
T3F30030A5RXXNJ	30	W/F	8	25	635	22	559	22	559	18	460	13	330	365
T3F30045A5RXXNJ	45	W/F	8	28	711	25	635	23.5	597	20	495	14.5	368	455
T3F30075A5RXXNJ	75	W/F	8	32	813	27	686	26	660	24	597	16	406	735
T3F30112A5RXXNJ	112.5	F	8	38	965	29	737	29	737	26	648	18	457	885
T3F30150A5RXXNJ	150	F	8	42	1067	33	838	32.5	826	30	762	21	533	1140
T3F30225A5RXXNJ	225	F	8	46	1168	35	889	37	940	31	782	25	635	1530
T3F30300A5RXXNJ	300	F	8	52	1321	35	889	37	940	31	782	25	635	1935

Three Phase, 600V Primary, 208 Y / 120 Secondary^③

T3G30015A5RXXNJ	15	W/F	8	22	559	19	483	21	533	15.8	401	12	305	215
T3G30030A5RXXNJ	30	W/F	8	25	635	22	559	22	559	18.1	460	13	330	330
T3G30045A5RXXNJ	45	W/F	8	28	711	25	635	23.5	597	19.5	495	14.5	368	455
T3G30075A5RXXNJ	75	W/F	8	32	813	27	686	26	660	23.5	597	16	406	735
T3G30112A5RXXNJ	112.5	F	8	38	965	29	737	29	737	25.5	648	18	457	885
T3G30150A5RXXNJ	150	F	8	42	1067	33	838	32.5	826	30	762	21	533	1140
T3G30225A5RXXNJ	225	F	8	46	1168	35	889	37	940	30.8	782	25	635	1530
T3G30300A5RXXNJ	300	F	8	52	1321	35	889	37	940	30.8	782	25	635	1935

① Taps: 480v primary: FCAN 2@2.5%, FCBN 4@2.5%
600v primary: FCAN 2@2.5%, FCBN 4@2.5%
② See wiring diagram WD6 (page 7-20)

③ See wiring diagram WD5 (page 7-20)
④ Please refer to enclosure figure on page 7-23 (Fig. 8)

NRCAN Rated General Purpose Transformers

Industrial Type Copper Winding

Selection

Features:

- 15-250 kVA single phase
15-300 kVA three phase
- Copper winding
(standard 3 coil delta-wye three phase)
- High quality grain-oriented steel laminations
- Insulation class 220
- Compact and easy-to-install enclosure
- Quiet operation and adequate ventilation
- Manufactured to ISO standard upon request
- Epoxy Vacuum Impregnated (EVI)

Options and Accessories:

- Electrostatic shield
- Special paint (other than ASA 61 grey)
- 115°C and 80°C temperature rise
- Operating frequencies other than 60 Hertz
- Special voltage (for domestic or export applications)
- Low loss and low noise special designs
- Anti-vibration pads
- Temperature probes
- Busbar to your specifications



150°C Rise - Primary 600 V or 480 V

Catalogue Number	kVA	Mounting ^①	Taps ^②	Dimensions						Weight		Noise level (dB)
				Height		Width		Depth		lbs	kg	
				in.	mm	in.	mm	in.	mm			
Single Phase, Secondary 120 / 240 V												
T1*10015C5RXXN	15	W/F	4 X 2.5	30	762	18	457	14	349	185	84	50
T1*10025C5RXXN	25	W/F	4 X 2.5	30	762	18	457	14	349	227	103	50
T1*10037C5RXXN	37.5	F	4 X 2.5	33	838	21	533	16	400	321	146	50
T1*10050C5RXXN	50	F	4 X 2.5	33	838	21	533	16	400	352	160	50
T1*10075C5RXXN	75	F	4 X 2.5	33	838	21	533	16	400	453	206	55
T1*10100C5RXXN	100	F	4 X 2.5	47	1194	25	616	23	583	631	287	55
T1*10150C5RXXN	150	F	4 X 2.5	51	1295	28	718	27	685	805	366	60
T1*10200C5RXXN	200	F	4 X 2.5	51	1295	28	718	27	685	1043	474	65
T1*10250C5RXXN	250	F	4 X 2.5	58	1473	32	820	30	761	1342	610	65

Three Phase, Secondary 208 Y / 120 V

T3*30015C5RXXN	15	W/F	4 X 2.5	26	660	18	464	15	375	214	97	45
T3*30030C5RXXN	30	W/F	4 X 2.5	31	775	23	578	18	451	341	155	45
T3*30045C5RXXN	45	W/F	4 X 2.5	31	775	23	578	18	451	407	185	45
T3*30050C5RXXN	50	W/F	4 X 2.5	31	775	23	578	18	451	441	200	45
T3*30075C5RXXN	75	W/F	4 X 2.5	37	940	28	705	22	552	674	306	50
T3*30112C5RXXN	112.5	F	4 X 2.5	37	940	28	705	22	552	978	398	50
T3*30150C5RXXN	150	F	4 X 2.5	46	1168	31	787	24	616	1069	485	50
T3*30225C5RXXN	225	F	4 X 2.5	53	1346	37	927	29	724	1533	695	55
T3*30300C5RXXN	300	F	4 X 2.5	53	1346	37	927	29	724	1843	836	55

* Primary Voltage – F = 480V, G = 600V. See page 7-3 for Catalogue Code Detail.

① W = Wall mount F = Floor mount
 ② Taps: Single phase: 15-250 kVA - 2 x FCAN, 2 x FCBN
 Three phase: 15-300 kVA - 2 x FCAN, 2 x FCBN

All weights and dimensions are approximate and subject to change without notice.

NRCAN Rated General Purpose Transformers

Industrial Type Copper Winding

Selection

Features:

- Large connection compartment for ease of wiring and installation
- Many sizes in stock and available for immediate shipment
- Quiet operation for installation flexibility
- Seismic certification for all units
- Space-saving design for easy handling and installation
- Termination lugs provided with transformer through 75 kVA
- Wall brackets available for units up to 75 kVA
- Vibration isolation pads provide quiet operation
- Staggered front loop taps for easy connection

150°C Rise - Primary 600V or 480V^①

Catalogue Number	kVA	Mounting	Enclosure Figure ^④	Dimensions ^③										Weight lbs.
				A		B		C		D		E		
				inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
Three Phase, 480V Primary, 208 Y / 120 Secondary^②														
T3F30015C5RXXNJ	15	W/F	8	22	559	19	483	21	533	16	401	12	305	235
T3F30030C5RXXNJ	30	W/F	8	25	635	22	559	22	559	18	460	13	330	365
T3F30045C5RXXNJ	45	W/F	8	28	711	25	635	23.5	597	20	495	14.5	368	455
T3F30075C5RXXNJ	75	W/F	8	32	813	27	686	26	660	23.5	597	16	406	735
T3F30112C5RXXNJ	112.5	F	8	38	965	29	737	29	737	26	648	18	457	885
T3F30150C5RXXNJ	150	F	8	42	1067	33	838	32.5	826	30	762	21	533	1140
T3F30225C5RXXNJ	225	F	8	46	1168	35	889	37	940	31	782	25	635	1530
T3F30300C5RXXNJ	300	F	8	52	1321	35	889	37	940	31	782	25	635	1935
Three Phase, 600V Primary, 208 Y / 120 Secondary^③														
T3G30015C5RXXNJ	15	W/F	8	22	559	19	482.6	21	533	16	401	12	305	235
T3G30030C5RXXNJ	30	W/F	8	25	635	22	558.8	22	559	18	460	13	330	365
T3G30045C5RXXNJ	45	W/F	8	28	711	25	635	23.5	597	20	495	14.5	368	455
T3G30075C5RXXNJ	75	F	8	32	813	27	685.8	26	660	23.5	597	16	406	735
T3G30112C5RXXNJ	112.5	F	8	38	965	29	736.6	29	737	26	648	18	457	885
T3G30150C5RXXNJ	150	F	8	42	1067	33	838.2	32.5	826	30	762	21	533	1140
T3G30225C5RXXNJ	225	F	8	46	1168	35	889	37	940	31	782	25	635	1530
T3G30300C5RXXNJ	300	F	8	52	1321	35	889	37	940	31	782	25	635	1935

① Taps: 480v primary: FCAN 2@2.5%, FCBN 4@2.5%
600v primary: FCAN 2@2.5%, FCBN 4@2.5%
② See wiring diagram WD6 (page 7-20)

③ See wiring diagram WD5 (page 7-20)
④ Please refer to enclosure figure on page 7-23 (Fig. 8)

NRCAN Rated General Purpose Transformers

K Rated - Industrial Type Aluminium Winding

Selection

Features:

- Large connection compartment for ease of wiring and installation
- Many sizes in stock and available for immediate shipment
- Quiet operation for installation flexibility
- Seismic certification for all units
- Space-saving design for easy handling and installation
- Termination lugs provided with transformer through 75 kVA
- Wall brackets available for units up to 75 kVA
- Vibration isolation pads provide quiet operation
- Staggered front loop taps for easy connection
- CSA certified (163067) and UL listed (E78376)



150°C Rise - Primary 600V^①

Catalogue Number	kVA	Mounting	Enclosure Figure	Dimensions ^④										Weight lbs.
				A		B		C		D		E		
				inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
Three Phase, 208 Y / 120 Secondary, K-4 Rated^②														
T3G30015A5R1KNJ	15	W/F	8	22	559	19	483	21	533	16	401	12	305	210
T3G30030A5R1KNJ	30	W/F	8	25	635	22	559	22	559	18	460	13	330	310
T3G30045A5R1KNJ	45	W/F	8	28	711	25	635	23.5	597	20	495	14.5	368	400
T3G30075A5R1KNJ	75	F	8	32	813	27	686	26	660	24	597	16	406	585
T3G30112A5R1KNJ	112.5	F	8	38	965	29	737	29	737	26	648	18	457	775
T3G30150A5R1KNJ	150	F	8	42	1067	33	838	32.5	826	30	762	21	533	1000
T3G30225A5R1KNJ	225	F	8	52	1321	35	889	37	940	31	782	25	635	1315
T3G30300A5R1KNJ	300	F	8	60	1524	48	1219	43.5	1105	42	1067	27	686	1660

Three Phase, 208 Y / 120 Secondary, K-13 Rated^③

T3G30015A5R1MNJ	15	W/F	8	25	635	22	559	22	559	18	460	13	330	310
T3G30030A5R1MNJ	30	W/F	8	28	711	25	635	23.5	597	20	495	14.5	368	400
T3G30045A5R1MNJ	45	W/F	8	32	813	27	686	26	660	24	597	16	406	585
T3G30075A5R1MNJ	75	F	8	38	965	29	737	29	737	26	648	18	457	775
T3G30112A5R1MNJ	112.5	F	8	42	1067	33	838	32.5	826	30	762	21	533	1000
T3G30150A5R1MNJ	150	F	8	46	1168	35	889	37	940	31	782	25	635	1530
T3G30225A5R1MNJ	225	F	8	52	1321	35	889	37	940	31	782	25	635	1660
T3G30300A5R1MNJ	300	F	8	60	1524	48	1219	43.5	1105	42	1067	27	686	2460

① Taps: 480v primary: FCAN 2@2.5%, FCBN 2@2.5%
600v primary: FCAN 2@2.5%, FCBN 2@2.5%

③ See wiring diagram WD5

④ Please refer to enclosure figure on page 7-23 (Fig. 8)

② See wiring diagram WD5

NRCAN Rated General Purpose Transformers

K Rated - Industrial Type Copper Winding

Selection

Features:

- Large connection compartment for ease of wiring and installation
- Many sizes in stock and available for immediate shipment
- Quiet operation for installation flexibility
- Seismic certification for all units
- Space-saving design for easy handling and installation
- Termination lugs provided with transformer through 75 kVA
- Wall brackets available for units up to 75 kVA
- Vibration isolation pads provide quiet operation
- Staggered front loop taps for easy connection
- CSA certified (163067) and UL listed (E78376)

150°C Rise - Primary 600V^①

Catalogue Number	kVA	Mounting	Enclosure Figure ^④	Dimensions ^④										Weight lbs.
				A		B		C		D		E		
				inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
Three Phase, 208 Y / 120 Secondary, K-4 Rated^②														
T3G30015C5R1KNJ	15	W/F	8	22	559	19	483	21	533	15.8	401	12	305	235
T3G30030C5R1KNJ	30	W/F	8	25	635	22	559	22	559	18.1	460	13	330	335
T3G30045C5R1KNJ	45	W/F	8	28	711	25	635	23.5	597	19.5	495	14.5	368	400
T3G30075C5R1KNJ	75	F	8	32	813	27	686	26	660	23.5	597	16	406	660
T3G30112C5R1KNJ	112.5	F	8	38	965	29	737	29	737	25.5	648	18	457	885
T3G30150C5R1KNJ	150	F	8	42	1067	33	838	32.5	826	30	762	21	533	1140
T3G30225C5R1KNJ	225	F	8	52	1321	35	889	37	940	30.8	782	25	635	1530
T3G30300C5R1KNJ	300	F	8	60	1524	48	1219	43.5	1105	42	1067	27	686	1935
Three Phase, 208 Y / 120 Secondary, K-13 Rated^③														
T3G30015C5R1MNJ	15	W/F	8	25	635	22	559	22	559	18	460	13	330	310
T3G30030C5R1MNJ	30	W/F	8	28	711	25	635	23.5	597	20	495	14.5	368	400
T3G30045C5R1MNJ	45	W/F	8	32	813	27	686	26	660	24	597	16	406	585
T3G30075C5R1MNJ	75	F	8	38	965	29	737	29	737	26	648	18	457	775
T3G30112C5R1MNJ	112.5	F	8	42	1067	33	838	32.5	826	30	762	21	533	1000
T3G30150C5R1MNJ	150	F	8	46	1168	35	889	37	940	31	782	25	635	1530
T3G30225C5R1MNJ	225	F	8	52	1321	35	889	37	940	31	782	25	635	1660
T3G30300C5R1MNJ	300	F	8	60	1524	48	1219	43.5	1105	42	1067	27	686	2460

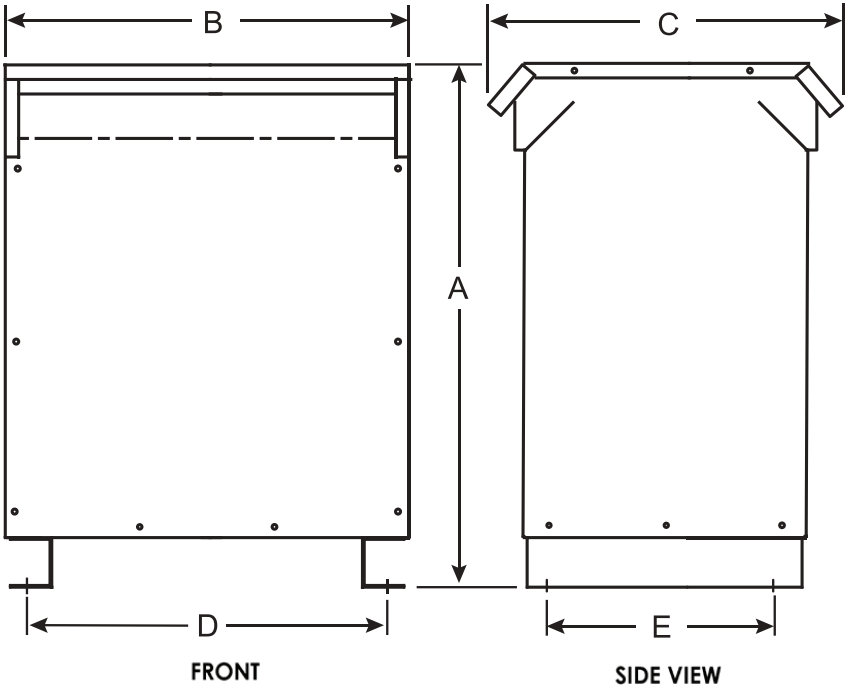
① Taps: 600v primary: FCAN 2@2.5%, FCBN 2@2.5%
 ② See wiring diagram WD5 (page 7-20)
 ③ See wiring diagram WD5 (page 7-20)

④ Please refer to enclosure figure on page 7-23 (Fig. 8)

Dry Type Transformers

Enclosure Figures

Selection



Enclosure	
Fig 8	Enclosure figure 8 applies to all item numbers ending with NJ