

MORE THAN A CONNECTOR COMPANY,  
ILSCO IS A CONNECTIONS COMPANY.

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# NIMBUS<sup>®</sup>

## PRE-INSULATED CONNECTORS



**ILSCO** of Canada   
connections  
matter

# NIMBUS®

## Two Wire In-Line and Offset Insulated Splicer-Reducer Connectors

### TYPE PBT

#### Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

#### Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	Figure No.	No. Of Ports	Wire Range	Dimensions			Hex Size
				L	W	H	
PBT-1/0	1	-	1/0-14	3.11	0.94	1.44	3/16
PBT-250	1	-	250kcmil-6	4.28	1.06	2.04	5/16
PBT-350	1	-	350kcmil-6	4.75	1.31	2.43	5/16
PBT-500	1	-	500kcmil-4	5.38	1.44	3.03	3/8
PBT-750	3	-	750kcmil-250kcmil	7.25	1.75	3.31	3/8
PBTO-4	2	2	4-14	1.17	1.25	1.31	1/8
PBTO-1/0	2	2	1/0-14	1.63	1.63	1.63	3/16
PBTO-3/0	2	2	3/0-6	1.89	1.68	1.86	1/4

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps

Replacement caps & plugs available. Consult Factory

Tested to UL 486A/B, UL File E6207

# NIMBUS®

## Insulated Multi-Tap Connectors

### Dual Sided Entry

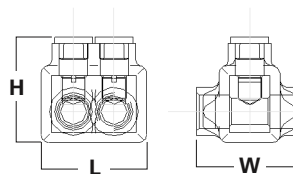
## TYPE PBTD

### Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
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D

Dimensions Number	Of Ports	Hex Range	Catalog No.			Wire
			L	W	H	Size
PBTD-2-4	2	4-14	1.24	1.25	1.42	1/8
PBTD-3-4	3	4-14	1.70	1.25	1.42	1/8
PBTD-4-4	4	4-14	2.16	1.25	1.42	1/8
PBTD-5-4	5	4-14	2.61	1.25	1.42	1/8
PBTD-6-4	6	4-14	3.07	1.25	1.42	1/8
PBTD-7-4	7	4-14 AWG	3.53	1.394	1.42	1/8
PBTD-8-4	8	4-14 AWG	3.99	1.394	1.42	1/8
PBTD-9-4	9	4-14 AWG	4.45	1.394	1.42	1/8
PBTD-10-4	10	4-14 AWG	4.9	1.394	1.42	1/8
PBTD-11-4	11	4-14 AWG	5.36	1.394	1.42	1/8
PBTD-12-4	12	4-14 AWG	5.82	1.394	1.42	1/8
PBTD-13-4	13	4-14 AWG	6.28	1.394	1.42	1/8
PBTD-14-4	14	4-14 AWG	6.74	1.394	1.42	1/8
PBTD-2-1/0	2	1/0-14	1.67	1.63	1.63	3/16
PBTD-3-1/0	3	1/0-14	2.29	1.63	1.63	3/16
PBTD-4-1/0	4	1/0-14	2.92	1.63	1.63	3/16
PBTD-5-1/0	5	1/0-14	3.54	1.63	1.63	3/16
PBTD-6-1/0	6	1/0-14	4.17	1.63	1.63	3/16
PBTD-7-1/0	7	1/0-14 AWG	4.748	1.825	1.63	3/16
PBTD-8-1/0	8	1/0-14 AWG	5.373	1.825	1.63	3/16
PBTD-9-1/0	9	1/0-14 AWG	5.998	1.825	1.63	3/16
PBTD-10-1/0	10	1/0-14 AWG	6.623	1.825	1.63	3/16
PBTD-11-1/0	11	1/0-14 AWG	7.248	1.825	1.63	3/16
PBTD-12-1/0	12	1/0-14 AWG	7.873	1.825	1.63	3/16
PBTD-13-1/0	13	1/0-14 AWG	8.498	1.825	1.63	3/16
PBTD-14-1/0	14	1/0-14 AWG	9.123	1.825	1.63	3/16
PBTD-2-3/0	2	3/0-6	1.89	1.68	1.86	1/4
PBTD-3-3/0	3	3/0-6	2.65	1.68	1.86	1/4
PBTD-4-3/0	4	3/0-6	3.42	1.68	1.86	1/4
PBTD-5-3/0	5	3/0-6	4.18	1.68	1.86	1/4
PBTD-6-3/0	6	3/0-6	4.95	1.68	1.86	1/4
PBTD-7-3/0	7	3/0-6 AWG	5.71	2.277	2.019	1/4
PBTD-8-3/0	8	3/0-6 AWG	6.48	2.277	2.019	1/4
PBTD-9-3/0	9	3/0-6 AWG	7.24	2.277	2.019	1/4
PBTD-10-3/0	10	3/0-6 AWG	8.01	2.277	2.019	1/4
PBTD-11-3/0	11	3/0-6 AWG	8.77	2.277	2.019	1/4
PBTD-12-3/0	12	3/0-6 AWG	9.54	2.277	2.019	1/4
PBTD-13-3/0	13	3/0-6 AWG	10.3	2.277	2.019	1/4
PBTD-14-3/0	14	3/0-6 AWG	11.07	2.277	2.019	1/4

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps. For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17. Replacement caps & plugs available. Consult Factory Tested to UL 486A/B, UL File E6207

# NIMBUS® Insulated Multi-Tap Connectors Dual Sided Entry

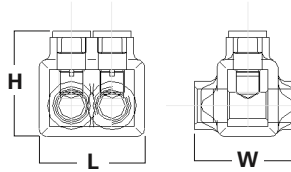
## TYPE PBTD

### Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

### Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTD-2-250	2	250kcmil-6	2.17	2.13	2.17	5/16
PBTD-3-250	3	250kcmil-6	3.07	2.13	2.17	5/16
PBTD-4-250	4	250kcmil-6	3.96	2.13	2.17	5/16
PBTD-5-250	5	250kcmil-6	4.85	2.13	2.17	5/16
PBTD-6-250	6	250kcmil-6	5.75	2.13	2.17	5/16
PBTD-7-250	7	250 kcmil-6 AWG	6.76	2.318	2.041	5/16
PBTD-8-250	8	250 kcmil-6 AWG	7.69	2.318	2.041	5/16
PBTD-9-250	9	250 kcmil-6 AWG	8.62	2.318	2.041	5/16
PBTD-10-250	10	250 kcmil-6 AWG	9.55	2.318	2.041	5/16
PBTD-11-250	11	250 kcmil-6 AWG	10.48	2.318	2.041	5/16
PBTD-12-250	12	250 kcmil-6 AWG	11.41	2.318	2.041	5/16
PBTD-13-250	13	250 kcmil-6 AWG	12.34	2.318	2.041	5/16
PBTD-14-250	14	250 kcmil-6 AWG	14.27	2.318	2.041	5/16
PBTD-2-350	2	350kcmil-6	2.51	2.25	2.62	5/16
PBTD-3-350	3	350kcmil-6	3.56	2.25	2.62	5/16
PBTD-4-350	4	350kcmil-6	4.61	2.25	2.62	5/16
PBTD-5-350	5	350kcmil-6	5.67	2.25	2.62	5/16
PBTD-6-350	6	350kcmil-6	6.71	2.25	2.62	5/16
PBTD-7-350	7	350 kcmil-6 AWG	8.248	2.578	2.396	5/16
PBTD-8-350	8	350 kcmil-6 AWG	9.404	2.578	2.396	5/16
PBTD-9-350	9	350 kcmil-6 AWG	10.56	2.578	2.396	5/16
PBTD-10-350	10	350 kcmil-6 AWG	11.716	2.578	2.396	5/16
PBTD-11-350	11	350 kcmil-6 AWG	12.872	2.578	2.396	5/16
PBTD-12-350	12	350 kcmil-6 AWG	14.028	2.578	2.396	5/16
PBTD-13-350	13	350 kcmil-6 AWG	15.184	2.578	2.396	5/16
PBTD-14-350	14	350 kcmil-6 AWG	16.34	2.578	2.396	5/16

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Replacement caps & plugs available. Consult Factory

Tested to UL 486A/B, UL File E6207

# NIMBUS® Insulated Multi-Tap Connectors Dual Sided Entry

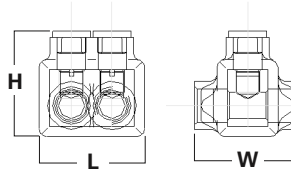
## TYPE PBTD

### Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

### Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



D

Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTD-2-500	2	600kcmil-4	2.97	2.63	3.04	3/8
PBTD-3-500	3	600kcmil-4	4.12	2.63	3.04	3/8
PBTD-4-500	4	600kcmil-4	5.28	2.63	3.04	3/8
PBTD-5-500	5	600kcmil-4	6.44	2.63	3.04	3/8
PBTD-6-500	6	600kcmil-4	7.59	2.63	3.04	3/8
PBTD-7-500	7	600 kcmil-4 AWG	9.186	3.036	3.034	3/8
PBTD-8-500	8	600 kcmil-4 AWG	10.467	3.031	3.034	3/8
PBTD-9-500	9	600 kcmil-4 AWG	11.748	3.031	3.034	3/8
PBTD-10-500	10	600 kcmil-4 AWG	13.029	3.031	3.034	3/8
PBTD-11-500	11	600 kcmil-4 AWG	14.31	3.031	3.034	3/8
PBTD-12-500	12	600 kcmil-4 AWG	15.591	3.031	3.034	3/8
PBTD-13-500	13	600 kcmil-4 AWG	16.872	3.031	3.034	3/8
PBTD-14-500	14	600 kcmil-4 AWG	18.153	3.031	3.034	3/8
PBTD-2-750	2	750kcmil-250kcmil	3.47	3.25	3.31	1/2
PBTD-3-750	3	750kcmil-250kcmil	4.89	3.25	3.31	1/2
PBTD-4-750	4	750kcmil-250kcmil	6.32	3.25	3.31	1/2
PBTD-5-750	5	750kcmil-250kcmil	7.74	3.25	3.31	1/2
PBTD-6-750	6	750kcmil-250kcmil	9.16	3.25	3.31	1/2
PBTD-7-750	7	750 kcmil-250 kcmil	11.14	3.405	3.206	1/2
PBTD-8-750	8	750 kcmil-250 kcmil	12.7	3.405	3.206	1/2
PBTD-9-750	9	750 kcmil-250 kcmil	14.26	3.405	3.206	1/2
PBTD-10-750	10	750 kcmil-250 kcmil	15.82	3.405	3.206	1/2
PBTD-11-750	11	750 kcmil-250 kcmil	17.38	3.405	3.206	1/2
PBTD-12-750	12	750 kcmil-250 kcmil	18.94	3.405	3.206	1/2
PBTD-13-750	13	750 kcmil-250 kcmil	20.5	3.405	3.206	1/2
PBTD-14-750	14	750 kcmil-250 kcmil	22.06	3.405	3.206	1/2

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Replacement caps & plugs available. Consult Factory

Tested to UL 486A/B, UL File E6207

# NIMBUS® Insulated Multi-Tap Connectors Single Sided Entry

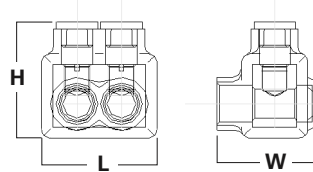
## TYPE PBTS

### Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

### Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTS-2-4	2	4-14	1.24	1.22	1.42	1/8
PBTS-3-4	3	4-14	1.70	1.22	1.42	1/8
PBTS-4-4	4	4-14	2.16	1.22	1.42	1/8
PBTS-5-4	5	4-14	2.61	1.22	1.42	1/8
PBTS-6-4	6	4-14	3.07	1.22	1.42	1/8
PBTS-7-4	7	4-14 AWG	3.458	1.32	1.379	1/8
PBTS-8-4	8	4-14 AWG	3.916	1.32	1.379	1/8
PBTS-9-4	9	4-14 AWG	4.374	1.32	1.379	1/8
PBTS-10-4	10	4-14 AWG	4.832	1.32	1.379	1/8
PBTS-11-4	11	4-14 AWG	5.29	1.32	1.379	1/8
PBTS-12-4	12	4-14 AWG	5.748	1.32	1.379	1/8
PBTS-13-4	13	4-14 AWG	6.206	1.32	1.379	1/8
PBTS-14-4	14	4-14 AWG	6.664	1.32	1.379	1/8
PBTS-2-1/0	2	1/0-14	1.67	1.53	1.63	3/16
PBTS-3-1/0	3	1/0-14	2.29	1.53	1.63	3/16
PBTS-4-1/0	4	1/0-14	2.92	1.53	1.63	3/16
PBTS-5-1/0	5	1/0-14	3.54	1.53	1.63	3/16
PBTS-6-1/0	6	1/0-14	4.17	1.53	1.63	3/16
PBTS-7-1/0	7	1/0-14 AWG	4.748	1.62	1.63	3/16
PBTS-8-1/0	8	1/0-14 AWG	5.373	1.62	1.63	3/16
PBTS-9-1/0	9	1/0-14 AWG	5.998	1.62	1.63	3/16
PBTS-10-1/0	10	1/0-14 AWG	6.67	1.53	1.63	3/16
PBTS-11-1/0	11	1/0-14 AWG	7.248	1.62	1.63	3/16
PBTS-12-1/0	12	1/0-14 AWG	7.873	1.62	1.63	3/16
PBTS-13-1/0	13	1/0-14 AWG	8.498	1.62	1.63	3/16
PBTS-14-1/0	14	1/0-14 AWG	9.123	1.53	1.63	3/16
PBTS-2-3/0	2	3/0-6	1.89	1.58	1.86	1/4
PBTS-3-3/0	3	3/0-6	2.65	1.58	1.86	1/4
PBTS-4-3/0	4	3/0-6	3.42	1.58	1.86	1/4
PBTS-5-3/0	5	3/0-6	4.18	1.58	1.86	1/4
PBTS-6-3/0	6	3/0-6	4.95	1.58	1.86	1/4
PBTS-7-3/0	7	3/0-6 AWG	5.71	1.726	1.86	1/4
PBTS-8-3/0	8	3/0-6 AWG	6.48	1.726	1.86	1/4
PBTS-9-3/0	9	3/0-6 AWG	7.24	1.726	1.86	1/4
PBTS-10-3/0	10	3/0-6 AWG	8	1.726	1.86	1/4
PBTS-11-3/0	11	3/0-6 AWG	8.77	1.726	1.86	1/4
PBTS-12-3/0	12	3/0-6 AWG	9.54	1.726	1.86	1/4
PBTS-13-3/0	13	3/0-6 AWG	10.3	1.726	1.86	1/4
PBTS-14-3/0	14	3/0-6 AWG	11.07	1.726	1.86	1/4

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

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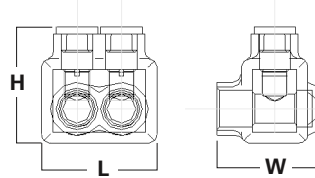
## TYPE PBTS

### Features

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Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTS-2-250	2	250kcmil-6	2.17	1.91	2.17	5/16
PBTS-3-250	3	250kcmil-6	3.07	1.91	2.17	5/16
PBTS-4-250	4	250kcmil-6	3.96	1.91	2.17	5/16
PBTS-5-250	5	250kcmil-6	4.85	1.91	2.17	5/16
PBTS-6-250	6	250kcmil-6	5.75	1.91	2.17	5/16
PBTS-7-250	7	250 kcmil-6 AWG	6.744	1.94	2.041	5/16
PBTS-8-250	8	250 kcmil-6 AWG	7.674	1.94	2.041	5/16
PBTS-9-250	9	250 kcmil-6 AWG	8.604	1.94	2.041	5/16
PBTS-10-250	10	250 kcmil-6 AWG	9.534	1.94	2.041	5/16
PBTS-11-250	11	250 kcmil-6 AWG	10.464	1.94	2.041	5/16
PBTS-12-250	12	250 kcmil-6 AWG	11.394	1.94	2.041	5/16
PBTS-13-250	13	250 kcmil-6 AWG	12.334	1.94	2.041	5/16
PBTS-14-250	14	250 kcmil-6 AWG	13.254	1.94	2.041	5/16
PBTS-2-350	2	350kcmil-6	2.51	2.03	2.62	5/16
PBTS-3-350	3	350kcmil-6	3.56	2.03	2.62	5/16
PBTS-4-350	4	350kcmil-6	4.61	2.03	2.62	5/16
PBTS-5-350	5	350kcmil-6	5.66	2.03	2.62	5/16
PBTS-6-350	6	350kcmil-6	6.71	2.03	2.62	5/16
PBTS-7-350	7	350 kcmil-6 AWG	8.31	2.414	2.62	5/16
PBTS-8-350	8	350 kcmil-6 AWG	9.466	2.414	2.62	5/16
PBTS-9-350	9	350 kcmil-6 AWG	10.622	2.414	2.62	5/16
PBTS-10-350	10	350 kcmil-6 AWG	11.778	2.414	2.62	5/16
PBTS-11-350	11	350 kcmil-6 AWG	12.934	2.414	2.62	5/16
PBTS-12-350	12	350 kcmil-6 AWG	14.09	2.414	2.62	5/16
PBTS-13-350	13	350 kcmil-6 AWG	15.246	2.414	2.62	5/16
PBTS-14-350	14	350 kcmil-6 AWG	16.402	2.414	2.62	5/16

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For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Replacement caps & plugs available. Consult Factory

Tested to UL 486A/B, UL File E6207

# NIMBUS® Insulated Multi-Tap Connectors Single Sided Entry

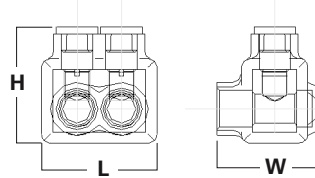
## TYPE PBTS

### Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

### Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTS-2-500	2	600kcmil-4	2.97	2.28	3.04	3/8
PBTS-3-500	3	600kcmil-4	4.12	2.58	3.04	3/8
PBTS-4-500	4	600kcmil-4	5.28	2.28	3.04	3/8
PBTS-5-500	5	600kcmil-4	6.44	2.28	3.04	3/8
PBTS-6-500	6	600kcmil-4	7.59	2.28	3.04	3/8
PBTS-7-500	7	600 kcmil-4 AWG	9.186	2.484	3.034	3/8
PBTS-8-500	8	600 kcmil-4 AWG	10.467	2.484	3.034	3/8
PBTS-9-500	9	600 kcmil-4 AWG	11.748	2.484	3.034	3/8
PBTS-10-500	10	600 kcmil-4 AWG	13.029	2.484	3.034	3/8
PBTS-11-500	11	600 kcmil-4 AWG	14.31	2.484	3.034	3/8
PBTS-12-500	12	600 kcmil-4 AWG	15.591	2.484	3.034	3/8
PBTS-13-500	13	600 kcmil-4 AWG	16.872	2.484	3.034	3/8
PBTS-14-500	14	600 kcmil-4 AWG	18.153	2.484	3.034	3/8
PBTS-2-750	2	750kcmil-250kcmil	3.47	2.75	3.31	1/2
PBTS-3-750	3	750kcmil-250kcmil	4.89	2.75	3.31	1/2
PBTS-4-750	4	750kcmil-250kcmil	6.32	2.75	3.31	1/2
PBTS-5-750	5	750kcmil-250kcmil	7.74	2.75	3.31	1/2
PBTS-6-750	6	750kcmil-250kcmil	9.16	2.75	3.31	1/2
PBTS-7-750	7	750 kcmil-250 kcmil	11.14	2.89	3.206	1/2
PBTS-8-750	8	750 kcmil-250 kcmil	13.7	2.89	3.206	1/2
PBTS-9-750	9	750 kcmil-250 kcmil	14.26	2.89	3.206	1/2
PBTS-10-750	10	750 kcmil-250 kcmil	15.82	2.89	3.206	1/2
PBTS-11-750	11	750 kcmil-250 kcmil	17.38	2.89	3.206	1/2
PBTS-12-750	12	750 kcmil-250 kcmil	18.94	2.89	3.206	1/2
PBTS-13-750	13	750 kcmil-250 kcmil	20.5	2.89	3.206	1/2
PBTS-14-750	14	750 kcmil-250 kcmil	28.06	2.89	3.206	1/2

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Replacement caps & plugs available. Consult Factory

Tested to UL 486A/B, UL File E6207



# NIMBUS® Mountable Insulated Multi-Tap Connectors Dual Sided Entry

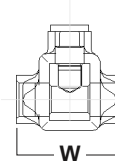
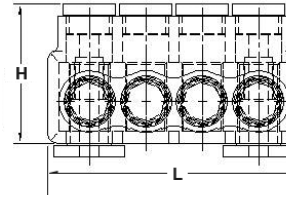
## TYPE PBTM

### Features

- Mountable
- Broad wire range: 750kcmil-6
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

### Benefits

- Isolated mounting in trough, wire way or panels
- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



D

Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size	Mounting Holes
			L	W	H		
PBTD-2-3/0-M	2	3/0-6	3.42	1.68	1.86	3/16	1/4
PBTD-3-3/0-M	3	3/0-6	4.18	1.68	1.86	3/16	1/4
PBTD-4-3/0-M	4	3/0-6	4.95	1.68	1.86	3/16	1/4
PBTD-5-3/0-M	5	3/0-6	5.71	1.68	1.86	3/16	1/4
PBTD-6-3/0-M	6	3/0-6	6.48	1.68	1.86	3/16	1/4
PBTD-7-3/0-M	7	3/0-6 AWG	7.24	2.277	2.175	1/4	1/4
PBTD-8-3/0-M	8	3/0-6 AWG	8.01	2.277	2.175	1/4	1/4
PBTD-9-3/0-M	9	3/0-6 AWG	8.77	2.277	2.175	1/4	1/4
PBTD-10-3/0-M	10	3/0-6 AWG	9.54	2.277	2.175	1/4	1/4
PBTD-11-3/0-M	11	3/0-6 AWG	10.3	2.277	2.175	1/4	1/4
PBTD-12-3/0-M	12	3/0-6 AWG	11.07	2.277	2.175	1/4	1/4
PBTD-2-250-M	2	250kcmil-6	3.96	2.13	2.17	5/16	1/4
PBTD-3-250-M	3	250kcmil-6	4.85	2.13	2.17	5/16	1/4
PBTD-4-250-M	4	250kcmil-6	5.75	2.13	2.17	5/16	1/4
PBTD-5-250-M	5	250kcmil-6	6.64	2.13	2.17	5/16	1/4
PBTD-6-250-M	6	250kcmil-6	7.53	2.13	2.17	5/16	1/4
PBTD-7-250-M	7	250 kcmil-6 AWG	8.62	2.318	2.197	5/16	1/4
PBTD-8-250-M	8	250 kcmil-6 AWG	9.56	2.318	2.197	5/16	1/4
PBTD-9-250-M	9	250 kcmil-6 AWG	10.48	2.318	2.197	5/16	1/4
PBTD-10-250-M	10	250 kcmil-6 AWG	11.41	2.318	2.197	5/16	1/4
PBTD-11-250-M	11	250 kcmil-6 AWG	12.34	2.318	2.197	5/16	1/4
PBTD-12-250-M	12	250 kcmil-6 AWG	12.89	2.13	2.17	5/16	1/4
PBTD-2-350-M	2	350kcmil-6	4.61	2.25	2.62	5/16	5/16
PBTD-3-350-M	3	350kcmil-6	5.67	2.25	2.62	5/16	5/16
PBTD-4-350-M	4	350kcmil-6	6.71	2.25	2.62	5/16	5/16
PBTD-5-350-M	5	350kcmil-6	7.76	2.25	2.62	5/16	5/16
PBTD-6-350-M	6	350kcmil-6	8.81	2.25	2.62	5/16	5/16
PBTD-7-350-M	7	350 kcmil-6 AWG	10.622	2.578	2.583	5/16	5/16
PBTD-8-350-M	8	350 kcmil-6 AWG	11.778	2.578	2.583	5/16	5/16
PBTD-9-350-M	9	350 kcmil-6 AWG	12.934	2.578	2.583	5/16	5/16
PBTD-10-350-M	10	350 kcmil-6 AWG	14.09	2.578	2.583	5/16	5/16
PBTD-11-350-M	11	350 kcmil-6 AWG	15.246	2.578	2.583	5/16	5/16
PBTD-12-350-M	12	350 kcmil-6 AWG	16.402	2.578	2.583	5/16	5/16

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Replacement caps & plugs available. Consult Factory. Tested to UL 486A/B, UL File E6207

# NIMBUS® Mountable Insulated Multi-Tap Connectors Dual Sided Entry

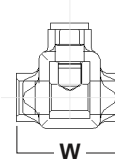
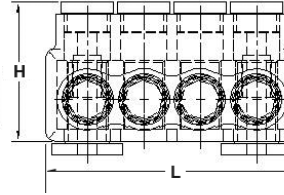
## TYPE PBTM

### Features

- Mountable
- Broad wire range: 750kcmil-6
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

### Benefits

- Isolated mounting in trough, wire way or panels
- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size	Mounting Holes
			L	W	H		
PBTD-2-500-M	2	600kcmil-4	5.28	2.63	3.04	3/8	5/16
PBTD-3-500-M	3	600kcmil-4	6.44	2.63	3.04	3/8	5/16
PBTD-4-500-M	4	600kcmil-4	7.59	2.63	3.04	3/8	5/16
PBTD-5-500-M	5	600kcmil-4	8.75	2.63	3.04	3/8	5/16
PBTD-6-500-M	6	600kcmil-4	9.90	2.63	3.04	3/8	5/16
PBTD-7-500-M	7	600 kcmil-4 AWG	11.748	3.031	3.19	3/8	5/16
PBTD-8-500-M	8	600 kcmil-4 AWG	13.029	3.031	3.19	3/8	5/16
PBTD-9-500-M	9	600 kcmil-4 AWG	14.31	3.031	3.19	3/8	5/16
PBTD-10-500-M	10	600 kcmil-4 AWG	15.591	3.031	3.19	3/8	5/16
PBTD-11-500-M	11	600 kcmil-4 AWG	16.872	3.031	3.19	3/8	5/16
PBTD-12-500-M	12	600 kcmil-4 AWG	18.153	3.031	3.19	3/8	5/16
PBTD-2-750-M	2	750kcmil-250kcmil	6.32	3.25	3.31	1/2	3/8
PBTD-3-750-M	3	750kcmil-250kcmil	7.74	3.25	3.31	1/2	3/8
PBTD-4-750-M	4	750kcmil-250kcmil	9.16	3.25	3.31	1/2	3/8
PBTD-5-750-M	5	750kcmil-250kcmil	10.58	3.25	3.31	1/2	3/8
PBTD-6-750-M	6	750kcmil-250kcmil	12.00	3.25	3.31	1/2	3/8
PBTD-7-750-M	7	750 kcmil-250 kcmil	14.26	3.405	3.581	1/2	3/8
PBTD-8-750-M	8	750 kcmil-250 kcmil	15.82	3.405	3.581	1/2	3/8
PBTD-9-750-M	9	750 kcmil-250 kcmil	17.38	3.405	3.581	1/2	3/8
PBTD-10-750-M	10	750 kcmil-250 kcmil	18.94	3.405	3.581	1/2	3/8
PBTD-11-750-M	11	750 kcmil-250 kcmil	20.5	3.405	3.581	1/2	3/8
PBTD-12-750-M	12	750 kcmil-250 kcmil	22.06	3.405	3.581	1/2	3/8

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Replacement caps & plugs available. Consult Factory.

Tested to UL 486A/B, UL File E6207



TYPE  
**PBTF**

**Features**

- Broad wire range: 750kcmil-14
- UL 486A/B Listed for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®
- NIMBUS Flexible caps are Reflex Blue
- Patented screw design

**Benefits**

- Flexibility in the field
- Ensures reliability
- For copper, copper flex or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming
- Easy identification in the field
- Improves vibration resistance, compresses conductor without damage, eliminates the need for ferrules



D

Catalog Number	No. of Ports	Wire Range	Alternate Wire Range	Ampere Rating	Dimensions			Hex Size
					Length	Width	Height	
PBTS-2-4-F+	2	8-14 H,I,K,M,DLO	4-14 AWG	95	1.24	1.22	1.42	1/8
PBTS-3-4-F	3	8-14 H,I,K,M,DLO	4-14 AWG	95	1.70	1.22	1.42	1/8
PBTS-4-4-F	4	8-14 H,I,K,M,DLO	4-14 AWG	95	2.16	1.22	1.42	1/8
PBTS-6-4-F	6	8-14 H,I,K,M,DLO	4-14 AWG	95	3.07	1.22	1.42	1/8
PBTS-2-1/0-F	2	1-14 H,I,K DLO 2-14 M	1/0-14 AWG	170	1.67	1.53	1.63	3/16
PBTS-3-1/0-F	3	1-14 H,I,K DLO 2-14 M	1/0-14 AWG	170	2.29	1.53	1.63	3/16
PBTS-4-1/0-F	4	1-14 H,I,K DLO 2-14 M	1/0-14 AWG	170	2.92	1.53	1.63	3/16
PBTS-6-1/0-F	6	1-14 H,I,K DLO 2-14 M	1/0-14 AWG	170	4.17	1.53	1.63	3/16
PBTS-2-3/0-F	2	2/0-6 H,I,K,DLO 1-6 M	3/0-6 AWG	225	1.89	1.58	1.86	1/4
PBTS-3-3/0-F	3	2/0-6 H,I,K,DLO 1-6 M	3/0-6 AWG	225	2.65	1.58	1.86	1/4
PBTS-4-3/0-F	4	2/0-6 H,I,K,DLO 1-6 M	3/0-6 AWG	225	3.42	1.58	1.86	1/4
PBTS-6-3/0-F	6	2/0-6 H,I,K,DLO 1-6 M	3/0-6 AWG	225	4.95	1.58	1.86	1/4
PBTS-2-250-F	2	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6 AWG	290	2.17	1.91	2.17	1/4
PBTS-3-250-F	3	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6 AWG	290	3.07	1.91	2.17	1/4
PBTS-4-250-F	4	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6 AWG	290	3.96	1.91	2.17	1/4
PBTS-6-250-F	6	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6 AWG	290	5.75	1.91	2.17	1/4
PBTS-2-350-F	2	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6 AWG	350	2.51	2.03	2.62	5/16
PBTS-3-350-F	3	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6 AWG	350	3.56	2.03	2.62	5/16
PBTS-4-350-F	4	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6 AWG	350	4.61	2.03	2.62	5/16
PBTS-6-350-F	6	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6 AWG	350	6.71	2.03	2.62	5/16
PBTS-2-500-F	2	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4 AWG	475	2.78	2.38	3.03	3/8
PBTS-3-500-F	3	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4 AWG	475	4.06	2.38	3.03	3/8
PBTS-4-500-F	4	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4 AWG	475	5.34	2.38	3.03	3/8
PBTS-6-500-F	6	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4 AWG	475	7.91	2.38	3.03	3/8
PBTS-2-750-F	2	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0 AWG	535	3.34	2.69	3.06	1/2
PBTS-3-750-F	3	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0 AWG	535	4.90	2.69	3.06	1/2
PBTS-4-750-F	4	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0 AWG	535	6.46	2.69	3.06	1/2
PBTS-6-750-F	6	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0 AWG	535	9.58	2.69	3.06	1/2

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Tested to UL 486A/B, UL File E6207 +Standard hex screw

**TYPE  
PBTF**

**Features**

- Broad wire range: 750kcmil-14
- UL 486A/B Listed for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®
- NIMBUS Flexible caps are Reflex Blue
- Patented screw design

**Benefits**

- Flexibility in the field
- Ensures reliability
- For copper, copper flex or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming
- Easy identification in the field
- Improves vibration resistance, compresses conductor without damage, eliminates the need for ferrules



**D**

Catalog Number	No. of Ports	Wire Range	Alternate Wire Range	Ampere Rating	Dimensions			Hex Size
					Length	Width	Height	
PBTD-2-4-F+	2	8-14 H,I,K,M,DLO	4-14 AWG	95	1.24	1.25	1.42	1/8
PBTD-3-4-F	3	8-14 H,I,K,M,DLO	4-14 AWG	95	1.70	1.25	1.42	1/8
PBTD-4-4-F	4	8-14 H,I,K,M,DLO	4-14 AWG	95	2.16	1.25	1.42	1/8
PBTD-6-4-F	6	8-14 H,I,K,M,DLO	4-14 AWG	95	3.07	1.24	1.42	1/8
PBTD-2-1/0-F	2	1-14 H,I,K DLO 2-14 M	1/0-14 AWG	170	1.67	1.63	1.63	3/16
PBTD-3-1/0-F	3	1-14 H,I,K DLO 2-14 M	1/0-14 AWG	170	2.29	1.63	1.63	3/16
PBTD-4-1/0-F	4	1-14 H,I,K DLO 2-14 M	1/0-14 AWG	170	2.92	1.63	1.63	3/16
PBTD-6-1/0-F	6	1-14 H,I,K DLO 2-14 M	1/0-14 AWG	170	4.17	1.63	1.63	3/16
PBTD-2-3/0-F	2	2/0-6 H,I,K,DLO 1-6 M	3/0-6 AWG	225	1.89	1.68	1.86	1/4
PBTD-3-3/0-F	3	2/0-6 H,I,K,DLO 1-6 M	3/0-6 AWG	225	2.65	1.68	1.86	1/4
PBTD-4-3/0-F	4	2/0-6 H,I,K,DLO 1-6 M	3/0-6 AWG	225	3.42	1.68	1.86	1/4
PBTD-6-3/0-F	6	2/0-6 H,I,K,DLO 1-6 M	3/0-6 AWG	225	4.95	1.68	1.86	1/4
PBTD-2-250-F	2	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6 AWG	290	2.17	2.13	2.17	1/4
PBTD-3-250-F	3	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6 AWG	290	3.07	2.13	2.17	1/4
PBTD-4-250-F	4	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6 AWG	290	3.96	2.13	2.17	1/4
PBTD-6-250-F	6	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6 AWG	290	5.75	2.13	2.17	1/4
PBTD-2-350-F	2	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6 AWG	350	2.51	2.25	2.62	5/16
PBTD-3-350-F	3	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6 AWG	350	3.56	2.25	2.62	5/16
PBTD-4-350-F	4	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6 AWG	350	4.61	2.25	2.62	5/16
PBTD-6-350-F	6	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6 AWG	350	6.71	2.25	2.62	5/16
PBTD-2-500-F	2	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4 AWG	475	2.47	2.63	2.63	3/8
PBTD-3-500-F	3	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4 AWG	475	3.75	2.63	2.63	3/8
PBTD-4-500-F	4	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4 AWG	475	5.03	2.63	2.63	3/8
PBTD-6-500-F	6	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4 AWG	475	7.59	2.63	2.63	3/8
PBTD-2-750-F	2	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0 AWG	535	3.34	3.25	3.21	1/2
PBTD-3-750-F	3	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0 AWG	535	4.90	3.25	3.21	1/2
PBTD-4-750-F	4	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0 AWG	535	6.46	3.25	3.21	1/2
PBTD-6-750-F	6	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0 AWG	535	9.58	3.25	3.21	1/2

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Tested to UL 486A/B, UL File E6207 +Standard hex screw

**TYPE  
PBTf**

**Features**

- Broad wire range: 750kcmil-14
- UL 486A/B Listed for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®
- NIMBUS Flexible caps are Reflex Blue
- Patented screw design

**Benefits**

- Flexibility in the field
- Ensures reliability
- For copper, copper flex or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming
- Easy identification in the field
- Improves vibration resistance, compresses conductor without damage, eliminates the need for ferrules



**D**

Catalog Number	No. of Ports*	Wire Range	Alternate Wire Range	Ampere Rating	Dimensions			Hex Size	
					Length	Width	Height		
PBTD-2-3/0-M-F	2	2/0-6 H,I,K,DLO	1-6 M	3/0-6 AWG	225	3.42	1.68	1.86	1/4
PBTD-3-3/0-M-F	3	2/0-6 H,I,K,DLO	1-6 M	3/0-6 AWG	225	4.18	1.68	1.86	1/4
PBTD-4-3/0-M-F	4	2/0-6 H,I,K,DLO	1-6 M	3/0-6 AWG	225	4.95	1.68	1.86	1/4
PBTD-6-3/0-M-F	6	2/0-6 H,I,K,DLO	1-6 M	3/0-6 AWG	225	6.48	1.68	1.86	1/4
PBTD-2-250-M-F	2	4/0-6 H,I,K	2/0-6 M	3/0-6 DLO	250kcmil-6 AWG	3.96	2.13	2.17	5/16
PBTD-3-250-M-F	3	4/0-6 H,I,K	2/0-6 M	3/0-6 DLO	250kcmil-6 AWG	4.85	2.13	2.17	5/16
PBTD-4-250-M-F	4	4/0-6 H,I,K	2/0-6 M	3/0-6 DLO	250kcmil-6 AWG	5.73	2.13	2.17	5/16
PBTD-6-250-M-F	6	4/0-6 H,I,K	2/0-6 M	3/0-6 DLO	250kcmil-6 AWG	7.53	2.13	2.17	5/16
PBTD-2-350-M-F	2	250-6 H,I,K	4/0-6 M	262.2-6 DLO	350kcmil-6 AWG	4.61	2.25	2.62	5/16
PBTD-3-350-M-F	3	250-6 H,I,K	4/0-6 M	262.2-6 DLO	350kcmil-6 AWG	5.67	2.25	2.62	5/16
PBTD-4-350-M-F	4	250-6 H,I,K	4/0-6 M	262.2-6 DLO	350kcmil-6 AWG	6.71	2.25	2.62	5/16
PBTD-6-350-M-F	6	250-6 H,I,K	4/0-6 M	262.2-6 DLO	350kcmil-6 AWG	8.81	2.25	2.62	5/16
PBTD-2-500-M-F	2	350-4 H,I,K	4/0-4 M	373.7-4 DLO	600kcmil-4 AWG	5.34	3.03	3.20	3/8
PBTD-3-500-M-F	3	350-4 H,I,K	4/0-4 M	373.7-4 DLO	600kcmil-4 AWG	6.62	3.03	3.20	3/8
PBTD-4-500-M-F	4	350-4 H,I,K	4/0-4 M	373.7-4 DLO	600kcmil-4 AWG	7.41	3.03	3.20	3/8
PBTD-6-500-M-F	6	350-4 H,I,K	4/0-4 M	373.7-4 DLO	600kcmil-4 AWG	10.47	3.03	3.20	3/8
PBTD-2-750-M-F	2	500-3/0 H,I,K	4/0-3/0 M	535.3-3/0 DLO	750kcmil-4/0 AWG	6.46	3.25	3.58	1/2
PBTD-3-750-M-F	3	500-3/0 H,I,K	4/0-3/0 M	535.3-3/0 DLO	750kcmil-4/0 AWG	8.02	3.25	3.58	1/2
PBTD-4-750-M-F	4	500-3/0 H,I,K	4/0-3/0 M	535.3-3/0 DLO	750kcmil-4/0 AWG	9.58	3.25	3.58	1/2
PBTD-6-750-M-F	6	500-3/0 H,I,K	4/0-3/0 M	535.3-3/0 DLO	750kcmil-4/0 AWG	12.70	3.25	3.58	1/2

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Tested to UL 486A/B, UL File E6207

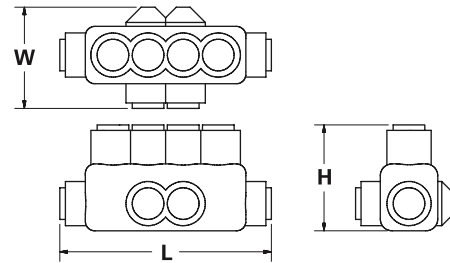
**TYPE  
PBTT**

**Features**

- Accepts building code and fine stranded (flexible) conductor
- UL 486A/B Listed for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®
- NIMBUS Flexible caps are Reflex Blue
- Patented screw design
- Configuration suited to applications with restricted space
- Patent Pending connector design

**Benefits**

- Versatility
- Ensures reliability
- For copper, copper flex or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming
- Easy identification in the field
- Improves vibration resistance, compresses conductor without damage, eliminates the need for ferrules
- More variability with less space



Catalog Number	No. of Ports*	Wire Range	Alternate Wire Range	Ampere Rating	Dimensions			Hex Size
					Length	Width	Height	
PBTT-3-350-F	3	350kcmil-6 AWG	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350	3.3750	2.0310	2.4300	5/16
PBTT-4-350-F	4	350kcmil-6 AWG	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350	4.5310	2.0300	2.4300	5/16
PBTT-3-500-F	3	600kcmil-4 AWG	350-4 H,I,K 4/0-4 M 373.7-4 DLO	430	3.7500	2.2500	3.0000	3/8
PBTT-4-500-F	4	600kcmil-4 AWG	350-4 H,I,K 4/0-4 M 373.7-4 DLO	430	5.0310	2.2500	3.0000	3/8
PBTT-3-750-F	3	750kcmil-4/0 AWG	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	535	3.7500	2.2500	3.1800	1/2
PBTT-4-750-F	4	750kcmil-4/0 AWG	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	535	5.0310	2.2500	3.1800	1/2

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Tested to UL 486A/B, UL File E6207

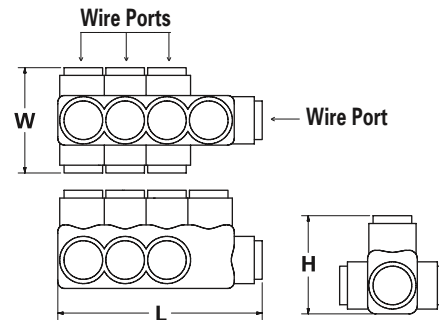
**TYPE**  
**PBTL**

**Features**

- Accepts building code and fine stranded (flexible) conductor
- UL 486A/B Listed for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®
- NIMBUS Flexible caps are Reflex Blue
- Patented screw design
- Configuration suited to applications with restricted space
- Patent Pending connector design

**Benefits**

- Versatility
- Ensures reliability
- For copper, copper flex or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming
- Easy identification in the field
- Improves vibration resistance, compresses conductor without damage, eliminates the need for ferrules
- More variability with less space



**D**

Catalog Number	No. of Ports*	Wire Range	Alternate Wire Range	Ampere Rating	Dimensions			Hex Size
					Length	Width	Height	
PBTL-2-350-F	2	350kcmil-6 AWG	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350	2.2180	2.2500	2.4300	5/16
PBTL-3-350-F	3	350kcmil-6 AWG	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350	3.3740	2.2500	2.4300	5/16
PBTL-4-350-F	4	350kcmil-6 AWG	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350	4.5300	2.2500	2.4300	5/16
PBTL-2-500-F	2	600kcmil-4 AWG	350-4 H,I,K 4/0-4 M 373.7-4 DLO	430	2.4690	2.6250	3.0000	3/8
PBTL-3-500-F	3	600kcmil-4 AWG	350-4 H,I,K 4/0-4 M 373.7-4 DLO	430	3.7500	2.6250	3.0000	3/8
PBTL-4-500-F	4	600kcmil-4 AWG	350-4 H,I,K 4/0-4 M 373.7-4 DLO	430	5.0310	2.6250	3.0000	1/4
PBTL-2-750-F	2	750kcmil-4/0 AWG	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	535	3.0280	3.2490	3.1800	1/2
PBTL-3-750-F	3	750kcmil-4/0 AWG	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	535	4.5880	3.2490	3.1800	1/2
PBTL-4-750-F	4	750kcmil-4/0 AWG	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	535	6.1480	3.2490	2.4300	1/2

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Tested to UL 486A/B, UL File E6207

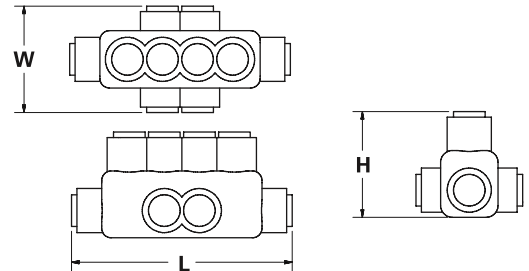
**TYPE  
PBTX**

**Features**

- Accepts building code and fine stranded (flexible) conductor
- UL 486A/B Listed for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®
- NIMBUS Flexible caps are Reflex Blue
- Patented screw design
- Configuration suited to applications with restricted space
- Patent Pending connector design

**Benefits**

- Versatility
- Ensures reliability
- For copper, copper flex or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming
- Easy identification in the field
- Improves vibration resistance, compresses conductor without damage, eliminates the need for ferrules
- More variability with less space



Catalog Number	No. of Ports*	Wire Range	Alternate Wire Range	Ampere Rating	Dimensions			Hex Size
					Length	Width	Height	
PBTX-4-350-F	4	350kcmil-6 AWG	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350	4.5310	2.5800	2.4300	5/16
PBTX-4-500-F	4	600kcmil-4 AWG	350-4 H,I,K 4/0-4 M 373.7-4 DLO	430	5.0310	2.6520	3.0000	3/8
PBTX-4-750-F	4	750kcmil-4/0 AWG	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	535	6.1480	3.2490	3.1800	1/2

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

Tested to UL 486A/B, UL File E6207



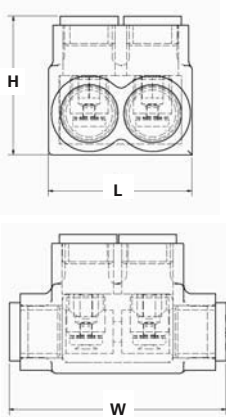
**TYPE  
PBT2**

**Features**

- Fully rated per NEC
- Line side is isolated from load side by wire stop
- Patented screw design
- Broad wire range: 750kcmil-6
- UL 486A/B Listed for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Prefilled with De-ox® oxide inhibiting compound
- NIMBUS 4 Flex caps are Reflex Blue

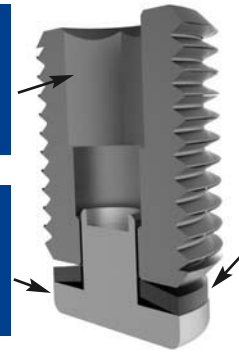
**Benefits**

- All wire ports can be used
- Accepts mixed classes of conductor
- Improves vibration resistance, compresses conductor without damage, eliminates the need for ferrules, making it reusable
- Flexibility in the field
- Ensures reliability
- For copper, copper flex or aluminum conductor
- Application variability
- Chemical resistant
- Prevents oxides from forming
- Easy identification in the field



**SCREW BODY**  
allows tightening  
and loosening  
with internal  
hex head

**DISK PAD**  
eliminates  
tearing of  
strands in DLO  
and flex wire



**BELLEVILLE WASHER**  
provides constant  
normal force  
around disk pad

Catalog Number	No. of Ports*	Wire Range	Alternate Wire Range	Dimensions			Hex Size
				Length	Width	Height	
PBT2-4-250-F	4	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6	1.798 (45.7)	3.188 (81.0)	2.041 (51.8)	5/16
PBT2-6-250-F	6	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6	2.712 (68.9)	3.188 (81.0)	2.041 (51.8)	5/16
PBT2-8-250-F	8	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6	3.642 (92.5)	3.188 (81.0)	2.041 (51.8)	5/16
PBT2-10-250-F	10	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6	4.572 (116.1)	3.188 (81.0)	2.041 (51.8)	5/16
PBT2-12-250-F	12	4/0-6 H,I,K 2/0-6 M 3/0-6 DLO	250kcmil-6	5.502 (139.8)	3.188 (81.0)	2.041 (51.8)	5/16
PBT2-4-350-F	4	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6	2.218 (56.3)	3.708 (94.2)	2.281 (57.9)	5/16
PBT2-6-350-F	6	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6	3.374 (85.7)	3.708 (94.2)	2.281 (57.9)	5/16
PBT2-8-350-F	8	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6	4.530 (115.1)	3.708 (94.2)	2.281 (57.9)	5/16
PBT2-10-350-F	10	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6	5.686 (144.4)	3.708 (94.2)	2.281 (57.9)	5/16
PBT2-12-350-F	12	250-6 H,I,K 4/0-6 M 262.2-6 DLO	350kcmil-6	6.842 (173.8)	3.708 (94.2)	2.281 (57.9)	5/16
PBT2-4-600-F	4	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4	2.781 (70.6)	4.281 (108.7)	3.034 (77.1)	3/8
PBT2-6-600-F	6	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4	4.062 (103.2)	4.281 (108.7)	3.034 (77.1)	3/8
PBT2-8-600-F	8	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4	5.343 (135.7)	4.281 (108.7)	3.034 (77.1)	3/8
PBT2-10-600-F	10	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4	6.624 (168.2)	4.281 (108.7)	3.034 (77.1)	3/8
PBT2-12-600-F	12	350-4 H,I,K 4/0-4 M 373.7-4 DLO	600kcmil-4	7.905 (200.8)	4.281 (108.7)	3.034 (77.1)	3/8
PBT2-4-750-F	4	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0	3.340 (84.8)	4.905 (124.6)	3.206 (81.4)	1/2
PBT2-6-750-F	6	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0	4.900 (124.5)	4.905 (124.6)	3.206 (81.4)	1/2
PBT2-8-750-F	8	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0	6.460 (164.1)	4.905 (124.6)	3.206 (81.4)	1/2
PBT2-10-750-F	10	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0	8.020 (203.7)	4.905 (124.6)	3.206 (81.4)	1/2
PBT2-12-750-F	12	500-3/0 H,I,K 4/0-3/0 M 535.3-3/0 DLO	750kcmil-4/0	9.580 (243.3)	4.905 (124.6)	3.206 (81.4)	1/2

\* Contact customer care for additional port configurations  
All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)  
Fully rated per NEC Article 310-316  
Tested to UL 486A/B, UL File E6207

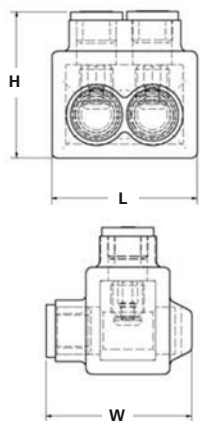
**TYPE  
PBTI**

**Features**

- Available with color coded screw caps
- Patented screw design
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Removable plugs
- Prefilled with De-ox® oxide inhibiting compound
- NIMBUS 4 Flex wire way caps are Reflex Blue
- UL 486A/B Listed for 600 volts, 90° C
- Dual rated

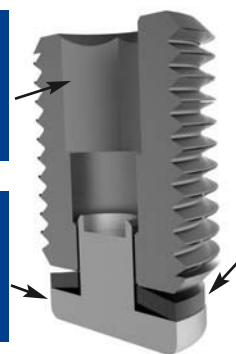
**Benefits**

- Simplifies motor wire-up
- Improves vibration resistance, compresses conductor without damage, eliminates the need for ferrules, making it reusable
- Application variability
- Chemical resistant
- Protect wire way from contamination
- Prevents oxides from forming
- Easy identification in the field
- Ensures reliability
- For copper, copper flex or aluminum conductor



SCREW BODY allows tightening and loosening with internal hex head

DISK PAD eliminates tearing of strands in DLO and flex wire



BELLEVILLE WASHER provides constant normal force around disk pad

**D**

Catalog Number	No. of Ports	Wire Range	Alternate Wire Range	Dimensions - in. (mm)			Hex Size
				Length	Width	Height	
PBTI-2-4-F*	2	8-14 H,I,K,M, DLO	4-14 AWG	1.410 (35.8)	1.257 (31.9)	1.408 (35.8)	3/16
PBTI-3-4-F*	3	8-14 H,I,K,M, DLO	4-14 AWG	2.035 (51.7)	1.257 (31.9)	1.408 (35.8)	3/16
PBTI-4-4-F*	4	8-14 H,I,K,M, DLO	4-14 AWG	2.660 (67.6)	1.257 (31.9)	1.408 (35.8)	3/16
PBTI-5-4-F*	5	8-14 H,I,K,M, DLO	4-14 AWG	3.285 (83.4)	1.257 (31.9)	1.408 (35.8)	3/16
PBTI-2-1/0-F*	2	1-14 H,I,K,DLO 2-14M	1/0-14 AWG	1.623 (41.2)	1.625 (41.3)	1.627 (41.3)	3/16
PBTI-3-1/0-F*	3	1-14 H,I,K,DLO 2-14M	1/0-14 AWG	2.248 (57.1)	1.625 (41.3)	1.627 (41.3)	3/16
PBTI-4-1/0-F*	4	1-14 H,I,K,DLO 2-14M	1/0-14 AWG	2.873 (73.0)	1.625 (41.3)	1.627 (41.3)	3/16
PBTI-5-1/0-F*	5	1-14 H,I,K,DLO 2-14M	1/0-14 AWG	3.498 (88.8)	1.625 (41.3)	1.627 (41.3)	3/16

\* Each catalog number must be combined with a color code from Table to determine final catalog number for ordering (i.e. PBTI-2-4-F-\*)  
 All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)  
 Fully rated per NEC Article 310-316  
 Tested to UL 486A/B, UL File E6207

**TABLE**

Color	Color Code
Blue	BLU
Red	RED
Black	BLK
Yellow	YEL
Orange	ORG
Brown	BRN
Green	GRN
White	WHT

**TYPE**  
**PBTFML**

**Features**

- Supplied in preconfigured kits
- Simplifies Megger testing for motors
- Designed for use with fine stranded conductor
- Supplied with color coded screw caps
- Patented screw design
- UL 486A/B Listed for 600 volts, 90° C
- Dual rated

**Benefits**

- For specific motor applications, ease of ordering
- Easy disconnect/reconnect without cost of additional materials. No need for electrical tape or wire nuts
- Ideal for motor wiring connections
- Enables user-configurable installations
- Improves vibration resistance, compresses conductor without damage, eliminates the need for ferrules, making it reusable
- Ensures reliability
- For copper, copper flex or aluminum conductor

**D**

Catalog Number	Wire Range	Alternate Wire Range	Description	Number of Connectors / Motor Leads	Wiring Diagram* Figure Number	Connection Type
PBTFML-4-03-WD	8-14 H,I,K,M, DLO	4-14 AWG	3-PHASE 4-14 AWG 3-LEAD WYE OR DELTA CONNECTED MOTOR KIT	3	1 & 2	WYE or DELTA
PBTFML-4-06-W	8-14 H,I,K,M, DLO	4-14 AWG	3-PHASE 4-14 AWG 6-LEAD WYE CONNECTED MOTOR KIT	6	3	WYE
PBTFML-4-06-D	8-14 H,I,K,M, DLO	4-14 AWG	3-PHASE 4-14 AWG 6-LEAD DELTA CONNECTED MOTOR KIT	6	4	DELTA
PBTFML-4-09-W-L	8-14 H,I,K,M, DLO	4-14 AWG	3-PHASE 4-14 AWG 9-LEAD WYE CONNECTED LOW VOLTAGE MOTOR KIT	9	5	WYE
PBTFML-4-09-D-L	8-14 H,I,K,M, DLO	4-14 AWG	3-PHASE 4-14 AWG 9-LEAD DELTA CONNECTED LOW VOLTAGE MOTOR KIT	9	6	DELTA
PBTFML-4-09-WD-H	8-14 H,I,K,M, DLO	4-14 AWG	3-PHASE 4-14 AWG 9-LEAD WYE OR DELTA CONNECTED HIGH VOLTAGE MOTOR KIT	9	7 & 8	WYE or DELTA
PBTFML-4-12-W-L	8-14 H,I,K,M, DLO	4-14 AWG	3-PHASE 4-14 AWG 12-LEAD WYE CONNECTED LOW VOLTAGE MOTOR KIT	12	9	WYE
PBTFML-4-12-D-L	8-14 H,I,K,M, DLO	4-14 AWG	3-PHASE 4-14 AWG 12-LEAD DELTA CONNECTED LOW VOLTAGE MOTOR KIT	12	10	DELTA
PBTFML-4-12-W-H	8-14 H,I,K,M, DLO	4-14 AWG	3-PHASE 4-14 AWG 12-LEAD WYE CONNECTED HIGH VOLTAGE MOTOR KIT	12	11	WYE
PBTFML-4-12-D-H	8-14 H,I,K,M, DLO	4-14 AWG	3-PHASE 4-14 AWG 12-LEAD DELTA CONNECTED HIGH VOLTAGE MOTOR KIT	12	12	DELTA
PBTFML-1/0-03-WD	1-14 H,I,K, DLO 2-14M	1/0-14 AWG	3-PHASE 1/0-14 AWG 3-LEAD WYE OR DELTA CONNECTED MOTOR KIT	3	1 & 2	WYE or DELTA
PBTFML-1/0-06-W	1-14 H,I,K, DLO 2-14M	1/0-14 AWG	3-PHASE 1/0-14 AWG 6-LEAD WYE CONNECTED MOTOR KIT	6	3	WYE
PBTFML-1/0-06-D	1-14 H,I,K, DLO 2-14M	1/0-14 AWG	3-PHASE 1/0-14 AWG 6-LEAD DELTA CONNECTED MOTOR KIT	6	4	DELTA
PBTFML-1/0-09-W-L	1-14 H,I,K, DLO 2-14M	1/0-14 AWG	3-PHASE 1/0-14 AWG 9-LEAD WYE CONNECTED LOW VOLTAGE MOTOR KIT	9	5	WYE
PBTFML-1/0-09-D-L	1-14 H,I,K, DLO 2-14M	1/0-14 AWG	3-PHASE 1/0-14 AWG 9-LEAD DELTA CONNECTED LOW VOLTAGE MOTOR KIT	9	6	DELTA
PBTFML-1/0-09-WD-H	1-14 H,I,K, DLO 2-14M	1/0-14 AWG	3-PHASE 1/0-14 AWG 9-LEAD WYE OR DELTA CONNECTED HIGH VOLTAGE MOTOR KIT	9	7 & 8	WYE or DELTA
PBTFML-1/0-12-W-L	1-14 H,I,K, DLO 2-14M	1/0-14 AWG	3-PHASE 1/0-14 AWG 12-LEAD WYE CONNECTED LOW VOLTAGE MOTOR KIT	12	9	WYE
PBTFML-1/0-12-D-L	1-14 H,I,K, DLO 2-14M	1/0-14 AWG	3-PHASE 1/0-14 AWG 12-LEAD DELTA CONNECTED LOW VOLTAGE MOTOR KIT	12	10	DELTA
PBTFML-1/0-12-W-H	1-14 H,I,K, DLO 2-14M	1/0-14 AWG	3-PHASE 1/0-14 AWG 12-LEAD WYE CONNECTED HIGH VOLTAGE MOTOR KIT	12	11	WYE
PBTFML-1/0-12-D-H	1-14 H,I,K, DLO 2-14M	1/0-14 AWG	3-PHASE 1/0-14 AWG 12-LEAD DELTA CONNECTED HIGH VOLTAGE MOTOR KIT	12	12	DELTA

\* Refer to wiring diagram page for details

## Common 3-Phase AC Motor Wiring Diagrams

NEMA Nomenclature	WYE Connected	DELTA Connected
<b>3-Lead Single Voltage Motor</b>	<p>Figure 1</p>	<p>Figure 2</p>
<b>6-Lead Single Voltage Motor</b>	<p>Figure 3</p>	<p>Figure 4</p>
<b>9-Lead Dual Voltage Motor Low Voltage</b>	<p>Figure 5</p>	<p>Figure 6</p>
<b>9-Lead Dual Voltage Motor High Voltage</b>	<p>Figure 7</p>	<p>Figure 8</p>
<b>12-Lead Dual Voltage Motor Low Voltage</b>	<p>Figure 9</p>	<p>Figure 10</p>
<b>12-Lead Dual Voltage Motor High Voltage</b>	<p>Figure 11</p>	<p>Figure 12</p>

Always use wiring diagram supplied on motor nameplate