

TYPE PDB

Features

- Range taking
- Valox* insulating base
- Electro-tin plated
- Manufactured from high strength 6061-T6 aluminum alloy
- UL Recognized rated 90° C and is CSA Certified, rated for 600 volts

Benefits

- Provides great flexibility in using the connector as an in line splice or to reduce conductor size
- Provides a high degree of impact resistance with superior insulating qualities
- Provides low contact resistance
- Suitable for use with either copper or aluminum conductors
- Ensures reliability



Catalog Number	Connector		Primary		Secondary		Ampere Rating Per Pole	Number Of Poles	Block Size	Hex Size	
	Primary	Secondary	Wire Range	Openings Per Pole	Wire Range	Openings Per Pole				Primary	Secondary
PDB-16-2/0-1			2/0-12	1	4-14	6	175	1	M	3/16	Slot
PDB-16-2/0-2			2/0-12	1	4-14	6	175	2	M		
PDB-16-2/0-3			2/0-12	1	4-14	6	175	3	M		
PDB-26-2/0-1			2/0-12	2	2-14	6	350	1	M	3/16	Slot
PDB-26-2/0-2			2/0-12	2	2-14	6	350	2	M		
PDB-26-2/0-3			2/0-12	2	2-14	6	350	3	M		
PDB-112-350-1			350kcmil-6	1	4-14	12	310	1	L	3/8	Slot
PDB-112-350-2			350kcmil-6	1	4-14	12	310	2	L		
PDB-112-350-3			350kcmil-6	1	4-14	12	310	3	L		
PDB-112A-350-1			350kcmil-6	1	4-14	12	310	1	M	3/8	Slot
PDB-112A-350-2			350kcmil-6	1	4-14	12	310	2	M		
PDB-112A-350-3			350kcmil-6	1	4-14	12	310	3	M		
PDB-14-500-1			500kcmil-4	1	2/0-14	4	380	1	M	3/8	3/16
PDB-14-500-2			500kcmil-4	1	2/0-14	4	380	2	M		
PDB-14-500-3			500kcmil-4	1	2/0-14	4	380	3	M		
PDB-16-350-1			350kcmil-6	1	2/0-14	6	310	1	L	3/8	3/16
PDB-16-350-2			350kcmil-6	1	2/0-14	6	310	2	L		
PDB-16-350-3			350kcmil-6	1	2/0-14	6	310	3	L		
PDB-162-500-1			500kcmil-4	1	2-14	6	380	1	M	3/8	Slot
PDB-162-500-2			500kcmil-4	1	2-14	6	380	2	M		
PDB-162-500-3			500kcmil-4	1	2-14	6	380	3	M		

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

* Valox® is a registered trade name of the General Electric Company.

Tested to UL 1059, UL File E84782

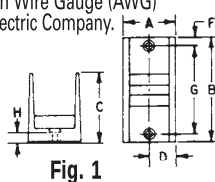


Fig. 1

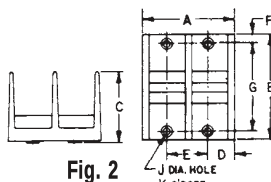


Fig. 2

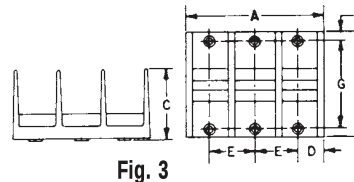


Fig. 3

Dimensions

Block Size	Number Of Poles	Figure Number	A	B	C	D	E	F	G	H	J	K
M	1	1	1-27/32	4	2-5/8	31/32	-	5/16	3-3/8	3/8	13/64	13/32
M	2	2	3-13/32	4	2-5/8	31/32	1-17/32	5/16	3-3/8	3/8	13/64	13/32
M	3	3	5	4	2-5/8	31/32	1-17/32	5/16	3-3/8	3/8	13/64	13/32
L	1	1	3	5-1/2	3-1/2	1-1/2	-	3/8	4-3/4	7/16	9/32	1/2
L	2	2	5-11/16	5-1/2	3-1/2	1-1/2	2-11/16	3/8	4-3/4	7/16	9/32	1/2
L	3	3	8-3/8	5-1/2	3-1/2	1-1/2	2-11/16	3/8	4-3/4	7/16	9/32	1/2

TYPE PDH

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- UL 1059 Recognized 90° C 600 Volts and CSA Certified
- Electro-tin plated
- High Short Circuit Rating 100K RMS SYM Amps
- For use with building code or flexible conductor

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Provides low contact resistance
- Added protection

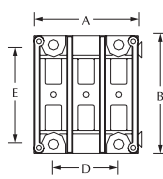


Fig. 1

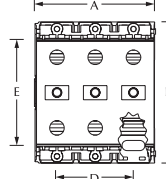


Fig. 2

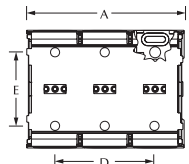


Fig. 3

Catalog Number	Fig. No.	Amps	Rated Conductor Range		High SCCR Conditions								SCCR RMS SYM Amps	Volts Max	Dimensions (in.)							Cover ID
					Suitable Conductors Per Pole		Overcurrent Protection Fuse Required Class/Max Amp Rating†															
			Line	Load	Line	Load	J	T	RK1	RK5	G	CC			A	B	C	D	E	F w/cover		
PDH-11-2-1*	1	115	(1) 2-14	(1) 2-14	(1) 2-6	(1) 2-6	200	200	200	100	60	30	200,000	600	0.83	2.29	1.53	-	1.93	1.60	C-2-1	
PDH-11-2-2*	1	115	(1) 2-14	(1) 2-14	(1) 2-6	(1) 2-6	200	200	200	100	60	30	200,000	600	1.46	2.29	1.53	-	1.93	1.60	C-2-2	
PDH-11-2-3*	1	115	(1) 2-14	(1) 2-14	(1) 2-6	(1) 2-6	200	200	200	100	60	30	200,000	600	2.10	2.29	1.53	1.27	1.93	1.60	C-2-3	
PDH-11-2-4*	1	115	(1) 2-14	(1) 2-14	(1) 2-6	(1) 2-6	200	200	200	100	60	30	200,000	600	2.75	2.29	1.53	1.92	1.93	1.60	C-2-4	
PDH-14-2-1*	1	115	(1) 2-14	(4) 10-18	(1) 2-6	(4) 10-14	200	200	200	100	60	30	200,000	600	0.83	2.29	1.53	-	1.93	1.60	C-2-1	
PDH-14-2-2*	1	115	(1) 2-14	(4) 10-18	(1) 2-6	(4) 10-14	200	200	200	100	60	30	200,000	600	1.46	2.29	1.53	-	1.93	1.60	C-2-2	
PDH-14-2-3*	1	115	(1) 2-14	(4) 10-18	(1) 2-6	(4) 10-14	200	200	200	100	60	30	200,000	600	2.10	2.29	1.53	1.27	1.93	1.60	C-2-3	
PDH-14-2-4*	1	115	(1) 2-14	(4) 10-18	(1) 2-6	(4) 10-14	200	200	200	100	60	30	200,000	600	2.75	2.29	1.53	1.92	1.93	1.60	C-2-4	
PDH-11-2/0-1	2	175	(1) 2/0-14	(1) 2/0-14	(1) 2/0-6	(1) 2/0-6	200	200	200	100	60	30	100,000	600	1.00	3.00	2.42	-	2.25	2.57	-	
PDH-11-2/0-2	2	175	(1) 2/0-14	(1) 2/0-14	(1) 2/0-6	(1) 2/0-6	200	200	200	100	60	30	100,000	600	1.82	3.00	2.42	0.81	2.25	2.57	-	
PDH-11-2/0-3	2	175	(1) 2/0-14	(1) 2/0-14	(1) 2/0-6	(1) 2/0-6	200	200	200	100	60	30	100,000	600	2.55	3.00	2.42	1.63	2.25	2.57	-	
PDH-11-2/0-A†	2	175	(1) 2/0-14	(1) 2/0-14	(1) 2/0-6	(1) 2/0-6	200	200	200	100	60	30	100,000	600	0.89	3.00	2.42	-	2.25	-	NA	
PDH-14-2/0-1	2	175	(1) 2/0-14	(4) 4-14	(1) 2/0-6	(4) 4-14	200	200	200	100	60	30	100,000	600	1.00	3.00	2.42	-	2.25	2.57	-	
PDH-14-2/0-2	2	175	(1) 2/0-14	(4) 4-14	(1) 2/0-6	(4) 4-14	200	200	200	100	60	30	100,000	600	1.82	3.00	2.42	0.81	2.25	2.57	-	
PDH-14-2/0-3	2	175	(1) 2/0-14	(4) 4-14	(1) 2/0-6	(4) 4-14	200	200	200	100	60	30	100,000	600	2.55	3.00	2.42	1.63	2.25	2.57	-	
PDH-14-2/0-A†	2	175	(1) 2/0-14	(4) 4-14	(1) 2/0-6	(4) 4-14	200	200	200	100	60	30	100,000	600	0.89	3.00	2.42	-	2.25	-	NA	
PDH-12-350-1	3	310	(1) 350-6	(2) 2/0-14	(1) 350-3/0	(1) 2/0-1	600	600	400	200	60	30	100,000	600	1.96	4.00	3.49	-	3.38	3.49	-	
PDH-12-350-2	3	310	(1) 350-6	(2) 2/0-14	(1) 350-3/0	(1) 2/0-1	600	600	400	200	60	30	100,000	600	3.66	4.00	3.49	1.70	3.38	3.49	-	
PDH-12-350-3	3	310	(1) 350-6	(2) 2/0-14	(1) 350-3/0	(1) 2/0-1	600	600	400	200	60	30	100,000	600	5.36	4.00	3.49	3.40	3.38	3.49	-	
PDH-14-400-1	3	335	(1) 400-6	(4) 2-14	(1) 400-3/0	(4) 2-8	400	400	400	100	60	30	100,000	600	1.96	4.00	3.49	-	3.38	3.49	-	
PDH-14-400-2	3	335	(1) 400-6	(4) 2-14	(1) 400-3/0	(4) 2-8	400	400	400	100	60	30	100,000	600	3.66	4.00	3.49	1.70	3.38	3.49	-	
PDH-14-400-3	3	335	(1) 400-6	(4) 2-14	(1) 400-3/0	(4) 2-8	400	400	400	100	60	30	100,000	600	5.36	4.00	3.49	3.40	3.38	3.49	-	
PDH-26-2/0-1	3	350	(2) 2/0-14	(6) 4-14	(2) 2/0-2	(6) 4-8	400	400	400	100	60	30	100,000	600	1.96	4.00	3.49	-	3.38	3.49	-	
PDH-26-2/0-2	3	350	(2) 2/0-14	(6) 4-14	(2) 2/0-2	(6) 4-8	400	400	400	100	60	30	100,000	600	3.66	4.00	3.49	1.70	3.38	3.49	-	
PDH-26-2/0-3	3	350	(2) 2/0-14	(6) 4-14	(2) 2/0-2	(6) 4-8	400	400	400	100	60	30	100,000	600	5.36	4.00	3.49	3.40	3.38	3.49	-	
PDH-14A-500-1	3	380	(1) 500-4	(3) 2-14 (1) 350-6	(1) 500-3/0	(4) 350-6	600	600	400	200	60	30	100,000	600	1.96	4.00	3.49	-	3.38	3.49	-	
PDH-14A-500-2	3	380	(1) 500-4	(3) 2-14 (1) 350-6	(1) 500-3/0	(4) 350-6	600	600	400	200	60	30	100,000	600	3.66	4.00	3.49	1.70	3.38	3.49	-	
PDH-14A-500-3	3	380	(1) 500-4	(3) 2-14 (1) 350-6	(1) 500-3/0	(4) 350-6	600	600	400	200	60	30	100,000	600	5.36	4.00	3.49	3.40	3.38	3.49	-	
PDH-11-600-1	3	420	(1) 600-2	(1) 600-2	(1) 600-2	(1) 600-2	400	400	400	200	60	30	100,000	600	1.96	4.00	3.49	-	3.38	3.49	-	
PDH-11-600-2	3	420	(1) 600-2	(1) 600-2	(1) 600-2	(1) 600-2	400	400	400	200	60	30	100,000	600	3.66	4.00	3.49	1.70	3.38	3.49	-	
PDH-11-600-3	3	420	(1) 600-2	(1) 600-2	(1) 600-2	(1) 600-2	400	400	400	200	60	30	100,000	600	5.36	4.00	3.49	3.40	3.38	3.49	-	

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

* Cover not standard, available as an option. † Adder Block, cover not available.

† For further details on conductors, fuse ratings, and additional SCCR ratings please refer to product data sheets.

TYPE T3A

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro tin plated
- Chamfered wire entry
- Suitable for use in circuits rated 35KV or less, proper high voltage spacing and insulation techniques must be used
- Must be mounted with a minimum of 2 bolts
- Rated to 90° C

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Provides ease of installation
- Application versatility

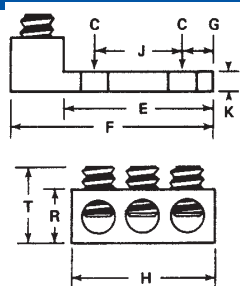


Fig. 1



Fig. 2

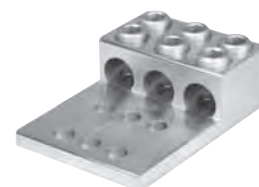


Fig. 3

Catalog Number	Figure Number	Wire Range	Bolt Size	Dimensions									Hex Size
				C	E	F	G	H	J	K	R	T	
T3A2-2	1	Three: 2-14	5/16	11/32	1-11/16	2-3/16	11/32	1-19/32	7/8	3/16	5/8	13/16	Slot
T3A2-0	1	Three: 1/0-14	3/8	7/16	2-5/32	2-29/32	11/32	1-15/16	1	1/4	7/8	15/16	Slot
T3A2-3/0N	1	Three: 3/0-6	1/2	9/16	3	3-7/8	5/8	2-13/16	1-3/4	5/16	1-1/8	1-1/2	5/16
T3A2-250N	1	Three: 250kcmil-6	1/2	9/16	3	4	5/8	2-13/16	1-3/4	5/16	1-3/16	1-17/32	5/16
T3A2-350N	1	Three: 350kcmil-6	1/2	9/16	3	4-5/16	5/8	3	1-3/4	5/16	1-3/8	1-17/32	5/16
T3A2-600N*	3	Three: 600kcmil-2	1/2	9/16	3-1/4	5-1/2	5/8	3-1/2	1-3/4	3/8	1-1/2	1-49/64	3/8
T3A2-800N*	3	Three: 800kcmil-350kcmil	1/2	9/16	3-5/8	5-31/32	5/8	4-1/8	1-3/4	1/2	1-13/16	2-21/64	5/16
T3A2-1000N*	3	Three: 1000kcmil-500kcmil	1/2	9/16	3-5/8	5-31/32	5/8	4-7/8	1-3/4	1/2	1-13/16	2-21/64	3/8
T3A4-2	2	Three: 2-14	5/16	11/32	1-11/16	2-3/16	11/32	1-19/32	7/8	3/16	5/8	13/16	Slot
T3A4-0	2	Three: 1/0-14	3/8	7/16	2-5/32	2-29/32	11/32	1-15/16	1	1/4	7/8	15/16	Slot
T3A4-3/0N	2	Three: 3/0-6	1/2	9/16	3	3-7/8	5/8	2-13/16	1-3/4	5/16	1-1/8	1-1/2	5/16
T3A4-250N	2	Three: 250kcmil-6	1/2	9/16	3	4	5/8	2-13/16	1-3/4	5/16	1-3/16	1-17/32	5/16
T3A4-350N	2	Three: 350kcmil-6	1/2	9/16	3	4-5/16	5/8	3	1-3/4	5/16	1-3/8	1-17/32	5/16
T3A4-600N*	3	Three: 600kcmil-2	1/2	9/16	3-1/4	5-1/2	5/8	3-1/2	1-3/4	3/8	1-1/2	1-49/64	1/2
T3A4-800N*	3	Three: 800kcmil-350kcmil	1/2	9/16	3-5/8	5-31/32	5/8	4-1/8	1-3/4	1/2	1-13/16	2-21/64	1/2
T3A4-1000N*	3	Three: 1000kcmil-500kcmil	1/2	9/16	3-5/8	5-31/32	5/8	4-7/8	1-3/4	1/2	1-13/16	2-21/64	1/2

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

DE-OX Inhibitor is recommended for all aluminum terminations.

Tested to UL 486A/B, UL File E6207

* Mounting hole spacing from side to side, hole to hole is .875