

Power Distribution & Controls Catalog Logic

| PWRvance Products

Effective October 2025

Number Format:

PV **1** **2** **3** **4** **1234567** **0000**

Example: PVA2T1234567SCE

1 Enclosure Series

- A** 1000-3000 Amp
- B** 400-800 Amp
- C** 15-800 Amp

2 **3** Enclosure Size

- 1T** Single Bay
- 2T** Two Bay
- 3T** Three Bay
- 4T** Four Bay, Double End
- 4R** Four Bay, Double Wide
- 5T** Five Bay
- 6T** Six Bay, Double End
- 6R** Six Bay, Double Wide
- 1-4W** Wall Adjacent/Mount

4 Metering

- U** Unmetered
- M** Metered
- E** EUSERC Metering

1234567

Inventory Part Number

0000

Utility and/or Customer Suffix



Power Distribution & Controls Catalog Logic

| Controls Products

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Number Format:

CP **1** **2** **3** **1234567** **0000**

Example: CP2BB1234567SCE

1 **2** Enclosure Series

2B Surface Mount

3A Slimline

3B Standard

- 3BHM** - Hooded Meter
- 3BXP** - Exposed Meter
- 3BUM** - Unmetered

CP3B Notes

1620 - Width & Depth

2HM - Dual Meter Configuration
(Available on 24" and Wider)

Examples Include:
CP3B1620HM, CB3B2020HM

3 Enclosure Details

1234567

Inventory Part Number

0000

Utility and/or Customer Suffix



Power Distribution & Controls Catalog Logic



3 & 4. Product Family

Position 3 and 4

- CP2B** - Surface-mount
- CP3A** - Slimline
- CP3B** - Standard
- CP3C** - FlexPed
- CP3D** - Data Cabinet Plus
- CP3F** - CT-Rated below 800 Amps
- CP3G** - Battery backup

5. Enclosure Details

Position 5 - Dimensions - Description

CP2B* SURFACE-MOUNT SERIES

- N** - 20"W x 8.25"D x 50"H
Top/bottom entry/exit
- O** - 34.5"W x 7.4"D x 47.15"H
Side-by-side

CP3A* SLIMLINE SERIES

- A** - 12"W x 8.25"D x 63"H
Single-socket, covered
- B** - 20"W x 8.25"D x 63"H
Single-socket, covered
- C** - 20"W x 10.25"D x 52"H
Single-socket, covered
- I** - 2"W x 8.25"D x 50"H
Single-socket, covered
- J** - 20"W x 8.25"D x 50"H
Single-socket, covered

- K** - 12"W x 8.25"D x 63"H
Single-socket, exposed
- L** - 20"W x 8.25"D x 63"H
Single-socket, exposed
- M** - 12"W x 8.25"D x 50"H
Single-socket, exposed
- N** - 20"W x 8.25"D x 50"H
Single-socket, exposed

- O** - 12"W x 8.25"D x 43"H - Unmetered
- P** - 20"W x 8.25"D x 43"H - Unmetered

CP3B* STANDARD

- A** - 16"W x 17"D x 48"H
Single-socket, covered
- B** - 24"W x 17"D x 48"H
Single or double socket covered
- K** - 32"W x 20"D x 60"H
Single or double socket covered
- P** - 16"W x 17"D x 48"H
Single-socket, exposed
- R** - 24"W x 17"D x 48"H
Single or double socket exposed
- S** - 32"W x 20"D x 60"H
Single or double socket exposed

- E** - 16"W x 17"D x 41"H
Unmetered, low-profile
- M** - 24"W x 17"D x 41"H
Unmetered, low-profile
- Q** - 32"W x 20"D x 43.5"
Unmetered

CP3C* FLEX-PED SERIES

- A** - 26"W x 14"D x 62.12"H
1 SC-meter in side wireway no rear doors
- B** - 33"W x 14"D x 62.12"H
1 SC-meter in side wireway no rear doors
- C** - 40"W x 14"D x 62.12"H
1 SC-meter in side wireway no rear doors
- D** - 20"W x 14"D x 62.12"H - Unmetered
- E** - 27"W x 14"D x 62.12"H - Unmetered
- F** - 34"W x 14"D x 62.12"H - Unmetered
- H** - 58"Wx39"Dx67.5"H
1 or 2 SC-meters up to 150kva internal xfmr
- J** - 46"Wx39"Dx67.5"H
Unmetered up to 150kva internal xfmr

CP3D* DATA CABINET PLUS

- A** - 44"W x 24"D x 60"H
Hooded meter 2 door (60"T)
- B** - 44"W x 24"D x 60"H
Exposed meter 2 door (60"T)
- C** - 44"W x 24"D x 60"H
Unmetered 2 door (60"T)
- D** - 44"W x 24"D x 60"H
Hooded meter 3 door (60"T)
- E** - 44"W x 24"D x 60"H
Exposed Meter 3 Door (60"T)
- F** - 44"W x 24"D x 60"H
Unmetered 3 door
- L** - 44"W x 24"D x 60"H
Unmetered 4 door (60"T)
- N** - 44"W x 24"D x Varied
Non-standard

CP3F* CT RATED 800A AND BELOW

- A** - 46"W x 27"D x 64"H
Exposed embedded socket
- B** - 46"W x 39"D x 64"H
Exposed embedded socket
- C** - 64"W x 39"D x 64"H
Exposed embedded socket
- F** - 56"W x 27"D x 64"H
Covered embedded socket
- G** - 56"W x 39"D x 64"H
Covered embedded socket
- H** - 74"W x 39"D x 64"H
Covered embedded socket

- L** - 46"W x 27"D x 64"H
Unmetered or surface-mounted socket
- M** - 46"W x 39"D x 64"H
Unmetered or surface-mounted socket
- N** - 64"W x 39"D x 64"H
Unmetered or surface-mounted socket

CP3G* BATTERY BACKUP

- A** - 36"W x 20"D x 60"H
1 or 2 sockets (side batteries)
- B** - 36"W x 20"D x 60"H
1 or 2 sockets (front facing equipment)
- F** - 30"W x 24"D x 48"H
1 socket - front to back design
- G** - 30"W x 24"D x 54"H
1 socket - front to back design sloped top

6. Meter Socket

Position 6

- 0** - No meter socket
- 1** - 1 ring type socket (with test bypass)
- 2** - 2 ring type sockets (with test bypass)
- 3** - 2 ring type sockets (without bypass)
- 4** - 1 ring type socket (without bypass)
- 5** - 1 ringless socket (with lever bypass)
- 6** - 2 ringless sockets (with lever bypass)
- 7** - 1 ringless socket (without bypass)
- 8** - 1 bolt-on meter (K-Base)
- 9** - 1 ringless socket (-KK horn bypass)
- A** - 2 ringless sockets (-KK horn bypass)
- B** - 1 ring type socket (w/ test switches)
- C** - 1 ringless type socket (w/ test switches)

7. Meter Socket Config.

Position 7 - Socket Configuration | Meter Forms
| Self-contained (SC) or Transformer-Rated (TR)

- 0** - No meter socket
- 1** - 4 jaw | 1s,2s | SC
- 2** - 4 jaw (neutral center) | 1s,2s | SC
- 3** - 5 jaw (5th in 6 o'clock) | 3s | SC
- 4** - 5 jaw (5th in 9 o'clock) | 3s | SC
- 5** - 7 jaw | 14s, 15s, 16s, 17s, 24s | SC
- 6** - 8 jaw | 5s, 35s, 45s | SC

- A** - 6 jaw | 4s | TR
- B** - 8 jaw | 5s, 35s, 45s | TR
- C** - 13 jaw | 6s, 8s, 9s, 10s, 29s, 36s, 46s | TR
- D** - 15 jaw | 11s, 39s, 76s | TR

8. Volt (L:L/L:N)

Position 8 - Volt (L:L/L:N) | Phase | Wires

- 1** - 120V (L:N) | 1Ø | 2W
- 2** - 240/120V | 1Ø | 3W



- 3 - 208/120 No network | 1Ø | 3W
- 4 - 208/120V wye | 3Ø | 4W
- 5 - 480/277V wye | 3Ø | 4W
- 6 - 600/347V wye | 3Ø | 4W

- A - 208/120V Δ (no neutral) | 3Ø | 3W
- B - 240/208/120V Δ | 3Ø | 4W
- C - 480/277V Δ (no neutral) | 3Ø | 3W
- D - 480/415/240V Δ | 3Ø | 4W

9. Amperage

Position 9

- 0 - No Rating
- 1 - 100A
- 2 - 200A
- 3 - 125A
- 4 - 400A
- 6 - 600A
- 8 - 800A

10. Main

Position 10

- 1 - (1) circuit breaker main
- 2 - (2) circuit breaker main
- 3 - 3) circuit breaker main
- 4 - (4) circuit breaker main
- 5 - (5) circuit breaker main
- 6 - (6) circuit breaker main

- A - (1) fused main disconnect
- B - (2) fused main disconnect
- C - (3) fused main disconnect
- D - (4) fused main disconnect
- E - (5) fused main disconnect
- F - (6) fused main disconnect
- K - Interlocked main

11-12. SCCR

Position 11 and 12

- 10 - 10k
- 14 - 14k
- 22 - 22k
- 25 - 25k
- 30 - 30k
- 35 - 35k
- 42 - 42k
- 50 - 50k
- 65 - 65k
- 01 - 100k
- 02 - 200k

13. Material

- G - Steel G90 14 GA
- H - Steel G90 12 GA
- A - Aluminum
- S - Stainless 304
- T - Stainless 316

14. Color

Position 14

- G - Mint green
- P - Gray (Ansi 61)
- D - Moss green (RAL 6005)
- F - Pine green (RAL 6020)
- T - Tan (RAL 1015)
- R - Desert tan (RAL 9001)
- B - Black (RAL 9004)
- W - White
- H - Anodized coating clear
- I - Anodized coating black
- J - Anodized coating bronze
- K - Anodized coating champagne
- O - No paint (Alum and Stainless)
- C - Custom (see product details)

15-25. Special Features*

Position 15 - 25 - Options as Needed

- CS - Cold sequence
- CL - Copper neutral
- SL - Switched-load
- PB - Pentabolt

15-25. DOT Suffixes*

Position 15 - 25 - 2 Letter State Abrev + D - Options as Needed

- MOD - Missouri
- ILD - Illinois
- COD - Colorado

15-25. Utility Suffixes*

Position 15 - 25 - Options as Needed

- Utility Abbreviation - XXX
- Municipality Abbreviation - XXX
- Other Abbreviation As Needed - XXX

15-25. Differentiator*

Position 15 - 25 - Options as Needed

- Catalog logic differentiator - Numeric (used when duplicate part # logic occurs)
- Example 123 or 07



This catalog structure is effective as of 6/1/2023.

For info regarding legacy catalog logic, please scan the QR code here.

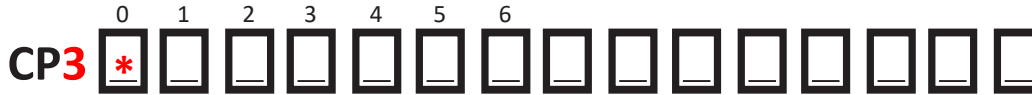
* Options as needed, not a requirement.

Standard options listed, please contact inside sales for additional options, questions or more information regarding power distribution and controls.

NOTES

Enclosed Control Catalog Number Logic

Revision
09/10/2021



1. Meter Sockets

- 0 = No sockets
1 = 1 ring type socket with test bypass facility
2 = 2 ring type socket with test bypass facility
3 = 1 ring socket with, 1 without test bypass facilities
4 = 1 ring type socket without test bypass facility
5 = 1 ringless socket with lever test bypass facility
6 = 2 ringless socket with lever test bypass facility
7 = 1 ringless socket without test bypass facility
8 = 1 bolt on meter with manual bypass facility
9 = 1 ringless socket KK horn bypass
A = 2 ringless sockets KK horn bypass
B = 1 ring type socket with test switch, C.T. Rated Meter Socket
C = 1 ringless socket with test switch, C.T. Rated Meter Socket
D = 1 ring type socket with test bypass, U3504 Meter Socket
E = 2 ring type sockets w/out test bypass
F = 2 ringless sockets w/out test bypass

2. Amperage

- 0 = No rating 3 = 125amps 8 = 800amps C = 1600amps
1 = 100amps 4 = 400amps A = 1000amps D = 2000amps
2 = 200amps 6 = 600amps B = 1200amps E = 2400amps

3. System Voltage

- 0 = 120V, 1Ø, 2W (4 Jaw)
1 = 120/240V, 1Ø, 3W (4 Jaw)
2 = 208Y/120V, 1Ø, 3W (4 Jaw + 105I)
3 = 240/480V, 1Ø, 3W (4 Jaw)
4 = 480Y/277V, 1Ø, 3W (4 Jaw + 105I)
5 = 208Y/120V, 3Ø, 4W (7 Jaw)
6 = 240Δ/120V, 3Ø, 4W (7 Jaw)
7 = 240ΔV, 3Ø, 3W (5 Jaw)
8 = 480Y/277V, 3Ø, 4W (7 Jaw)
9 = 480ΔV, 3Ø, 3W (5 Jaw)
A = No rating
B = 480Δ/240V, 3Ø, 4W (7 Jaw)
C = 120/240V, 1Ø, 3W (5 Jaw)
D = 240/480V, 1Ø, 3W (5 Jaw)
E = 480V, 1Ø, 2W (4 Jaw)
F = 1Ø, 3W, 120/240V, FORM 4S, (6 Jaw)
G = NETWORK, 120/208V, 1Ø, 3W FORM 5S (8 Jaw)
H = NETWORK, 277/480V, 1Ø, 3W FORM 5S (8 Jaw)
I = 3Ø, 3W, Δ 240V FORM 5S (8 Jaw)
J = 3Ø, 3W, Δ 480V FORM 5S (8 Jaw)
K = 3Ø, 4W, Δ 240V, FORM 8S (13 Jaw)
L = 3Ø, 4W, Δ 480V, FORM 8S (13 Jaw)
M = 3Ø, 4W, Y 120/208V, FORM 5S (8 Jaw)
N = 3Ø, 4W, Y 277/480V, FORM 5S (8 Jaw)
O = 3Ø, 4W, Y 120/208V, FORM 6S (13 Jaw)
P = 3Ø, 4W, Y 277/480V, FORM 6S (13 Jaw)
Q = 3Ø, 4W, Y 120/208V, FORM 9S (13 Jaw)
R = 3Ø, 4W, Y 277/480V, FORM 9S (13 Jaw)
S = 1Ø, 3W, 220/380V, (5 Jaw)
T = 1Ø, 2W, 277V, (4 Jaw)

4. Service/Main Disconnect

- 0 = No Main (Max 6 disconnect per unit)
1 = (1) Circuit Breaker Main
2 = (2) Circuit Breaker Mains
3 = (1) T-Fuse Pullout Main
4 = (3) Circuit Breaker Mains
6 = (1) 4-Pole Main (100A Max.)
8 = (1) 4-Pole 100A & (1) 2-Pole 100A
B = (2) Circuit Breaker Mains with interlock
C = (2) T-Fuse Pullout Mains
D = (1) Fused Disconnect

5. Distribution Interior

- (Loadcenters use plug-in C/B's; Panelboards use bolt-on C/B's)
A = (2) 8 circuit loadcenters metered, (1) 8 circuit loadcenter unmetered
B = (2) 24 circuit loadcenters
D = (1) 42 circuit panelboard (enclosure types H & K only)
E = (1) 30 circuit panelboard (400A K or Q)
F = (1) 18 circuit panelboard
G = (1) 30 circuit loadcenter (400A K or Q)
H = (2) 12 circuit loadcenters
J = No interiors and no branch breakers (Main only)
K = (1) 4 circuit loadcenter metered, (1) 4 circuit loadcenter unmetered
L = Distribution block(s) Only
M = (2) Distribution blocks
N = Metered and unmetered lug-lug breakers
P = Metered lug to lug breakers
R = (1) 8 circuit metered, (1) 8 circuit unmetered, (1) 12 circuit metered
T = (1) 8 circuit loadcenter
U = Unmetered lug to lug breakers (Type A)
V = (1) 6 circuit plug-on breaker interior
W = (2) 6 circuit plug-on breaker interior
X = Non Standard
Y = (1) 42 circuit load center (Min 30" Tall dead front)
1 = (1) 8 circuit loadcenter metered, (1) 8 circuit loadcenter unmetered
2 = (2) 8 circuit loadcenters
3 = (1) 12 circuit loadcenters
4 = (1) 12 circuit loadcenter and (1) 8 circuit loadcenter
5 = (1) 16 circuit loadcenter
6 = Lug to Lug Main & Branch Breakers only
7 = (1) 8 circuit loadcenter, (1) 16 circuit loadcenter
8 = Fusible switch (Pullout)
9 = (1) 24 circuit loadcenter
0 = (2) 16 circuit loadcenters

- 14 = 14 SCCR 30 = 30 SCCR 65 = 65 SCCR
22 = 22 SCCR 42 = 42 SCCR 100 = 100 SCCR
25 = 25 SCCR 50 = 50 SCCR (Short Circuit Current Rating)

6. Enclosure Size

CP3A Slim Line

- A = 12"W x 8.25"D x 63"H (Single)
B = 20"W x 10.25"D x 63"H (Single)
C = 20"W x 10.25"D x 52"H (Single)
I = 12"W x 8.25"D x 50"H (Single)
J = 20"W x 10.25"D x 50"H (Single)
K = 12"W x 8.25"D x 63"H (Single) (Exposed Meter)
L = 20"W x 10.25"D x 63"H (Single) (Exposed Meter)
M = 12"W x 8.25"D x 50"H (Single) (Exposed Meter)
N = 20"W x 10.25"D x 50"H (Single) (Exposed Meter)
O = 12"W x 8.25"D x 43"H (Un Metered)
P = 20"W x 10.25"D x 43"H (Un Metered)

CP2B Surface Mount

- O = 35"W x 8"D x 48"H
N = 14.5"W x 5"D x 39"H

CP3B - Standard

- A = CP3B, 16"W x 17"D x 48"H (Single)
B = CP3B, 24"W x 17"D x 48"H (Double)
C = CP3B, 30"W x 24"D x 48"H (Moved to CP3G Series 09/10/21)
D = CP3B, 44"W x 24"D x 60"H
E = CP3B, 16"W x 17"D x 41"H (Unmetered, Low profile)
K = CP3B, 32"W x 20"D x 60"H
L = CP3B, 36"W x 20"D x 60"H (Moved to CP3G Series 09/10/21)
M = CP3B, 24"W x 17"D x 41"H (Unmetered, Low Profile)
P = CP3B, 16"W x 17"D x 48"H (Exposed Meter)
Q = CP3B, 32"W x 20"D x 43.5"H (Unmetered)
R = CP3B, 24"W x 17"D x 48"H (Exposed Meter)
S = CP3B, 32"W x 20"D x 60"H (Exposed Meter)
X = CP3B, 24"W x 24"D x 64"H (Moved to CP3F Series 02/08/21)
Z = CP3B, 32"W x 24"D x 64"H (Moved to CP3F Series 02/08/21)
T = CP3B, 42"W x 27"D x 64"H (Moved to CP3F Series 02/08/21)
W = CP3B, 46"W x 27"D x 64"H (Moved to CP3F Series 02/08/21)
W1R = CP3B, 46"W x 27"D x 64"H (Moved to CP3F Series 02/08/21)
W1 = CP3B, 46"W x 39"D x 64"H (Moved to CP3F Series 02/08/21)
W1TR = CP3B, 46"W x 39"D x 64"H (Moved to CP3F Series 02/08/21)
W2 = CP3B, 78"W x 39"D x 64"H (Moved to CP3F Series 02/08/21)
W2TR = CP3B, 78"W x 39"D x 64"H (Moved to CP3F Series 02/08/21)

CP3C Series

- A = CP3C, 20"W x 14"D x 60"T (Metered)
B = CP3C, 27"W x 14"D x 60"T (Metered)
C = CP3C, 34"W x 14"D x 60"T (Metered)
D = CP3C, 20"W x 14"D x 60"T (Unmetered)
E = CP3C, 27"W x 14"D x 60"T (Unmetered)
F = CP3C, 34"W x 14"D x 60"T (Unmetered)
H = CP3C, 58"W x 39"D x 67.5"T (Dual Metered)

CP3F Series

- A = CP3F, 46"W x 27"D x 64"T (CT Metered Exposed)
B = CP3F, 46"W x 39"D x 64"T (CT Metered Exposed W/Transformer)
C = CP3F, 78"W x 39"D x 64"T (CT Dual Metered Exposed)
F = CP3F, 46"W x 27"D x 64"T (CT Metered Hooded)
G = CP3F, 46"W x 39"D x 64"T (CT Metered Hooded W/Transformer)
H = CP3F, 78"W x 39"D x 64"T (CT Dual Metered Hooded)
L = CP3F, 46"W x 27"D x 64"T (CT Metered External/Unmetered)
M = CP3F, 46"W x 39"D x 64"T (CT Metered External/Unmetered W/Transformer)
O = CP3F, 78"W x 39"D x 64"T (CT Dual External/Unmetered)
T = CP3B 42"W x 27"D x 64"T (CT Metered)
X = CP3B, 24"W x 24"D x 64"H (CT Metered)
Z = CP3B, 32"W x 24"D x 64"H (CT Metered)

CP3G Series

- A = CP3G, 36"W x 20"D x 60"T (Hooded Front Battery)
C = CP3G, 30"W x 24"D x 48"H (Hooded Battery)
L = CP3G, 36"W x 20"D x 60"T (Hooded Side Battery)

CP3H Series

- A = CP3H, 54"W x 26"D x 78"T (800A-1600A) - discontinued
C = CP3H, 46"W x 39"D x 66"T (1200A max) surface mounted instrument rated meter
B = CP3H, 98"W x 39"D x 78"T (2400A max) surface mounted instrument rated meter

Construction and Color

- A = Aluminum (add color code)
AO = Aluminum Untreated
AL1 = Aluminum Anodized Coating Clear
AL2 = Aluminum Anodized Coating Black
AL3 = Aluminum Anodized Coating Bronze
AL4 = Aluminum Anodized Coating Champagne
BK = Black (RAL 9004)
DG = Dark Green #1 (RAL 6005)
DT = Desert Tan (RAL 9001)
G = Standard Mint Green (Use with AO and SS)
P = Gray (Ansi 61)
PG = Pine Green (RAL 6020)
SG = Summerland Grey (Gray Brown)
SS = Stainless Steel
T = Tan (RAL 1015)
W = White (Exterior Taint) (VALSPAR PTW90005)

Specific Designations

- AE = Alliant Energy
CE = Common Wealth Edison
CL = Copper Neutral
COD = Colorado DOT
CS = Cold Sequence
CT = Caltrans
FLD = Florida DOT
IAD = Iowa DOT
IDD = Idaho DOT
KC = Kansas City
KSD = Kansas DOT
LSMO = Lee Summit Missouri
LV = Las Vegas
LX = Lenexa
MA = Mesa
MOD = MO DOT
MND = Minnesota DOT
NVD = Nevada DOT
OP = Overland Park
PB = Penta-Bolt Sealing
SL* = Switched Load
SN = Shawnee
TXD = Texas DOT
(Followed by pedestal Type A, C, D or T)
WE = Wisconsin Electric
XC = Xcel Energy
**D = State DOT