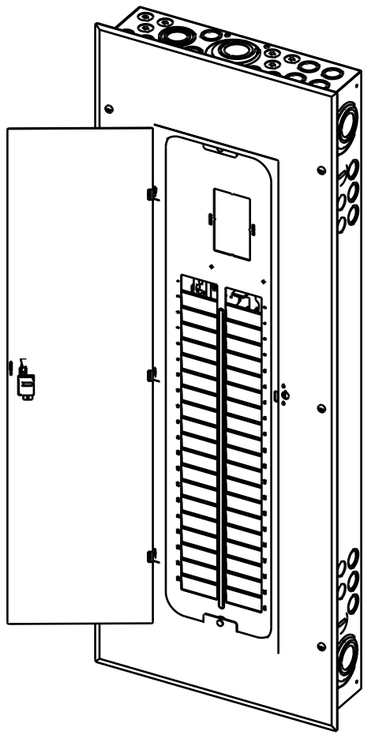
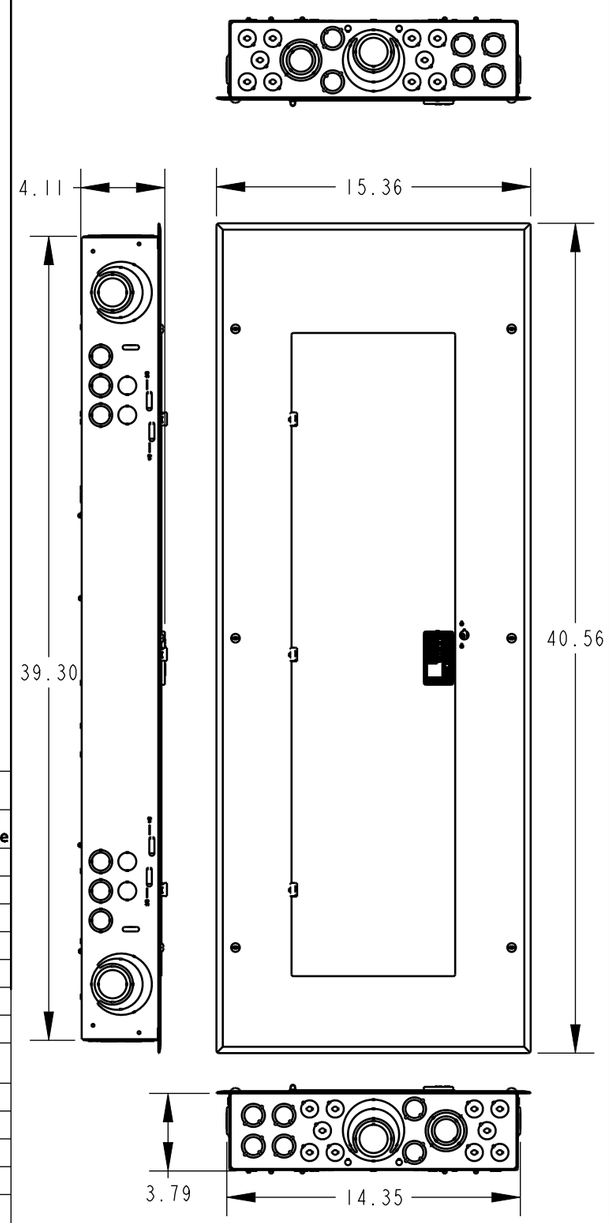
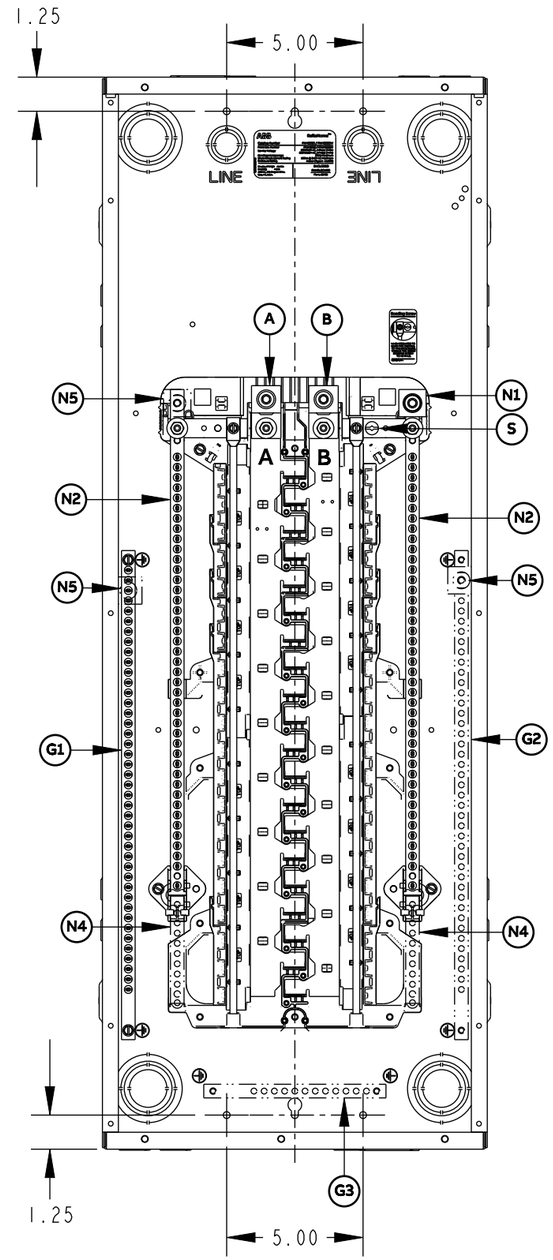
CATALOG	PCC4022 PCC4022W



SPECIFICATION

Service Voltage	120/240V AC, 1 Phase 3 Wire 208Y/120V AC, 1 Phase 3 Wire
Panelboard Amperage	225A Maximum
Short- Circuit Current Rating	100kA @ 240V AC Maximum
Rated Frequency	60Hz
Enclosure Rating	Indoor (Type 1 - UL50E)
Main Device	Lug
Main Device Rating	225A Maximum
Busbar Rating and Material	225A Copper
Branch Circuit Breaker Rating	125A Maximum
Sum of Circuit Breaker Rating	220A Maximum per Stab
Number of Spaces	40 Spaces Maximum
Number of Circuits	80 Circuits Maximum
Standard Listing	UL67 (E21790)
For bottom feed, rotate the entire device by 180°.	
SUITABLE FOR USE AS SERVICE EQUIPMENT	





REPLACEMENT / ACCESSORIES KIT

TQLFP1	1" Front Filler plates	--
PTHQLRK2	Circuit Breaker Hold-down kit END	1TQC163000Z0114
PTHQLRK1	Circuit Breaker Hold-down kit	1TQC163000Z0113
PD60	Circuit Directory	1TQC163000Z0115
THP100	Padlocking - THQL	--
THP100E	Padlocking - AFCI/GFCI	--
THQLSURGE2	Type 1 plug-on SPD	--
THQMV225F	225A Main Circuit Breaker Kit	--
THQMVSBF	Service Entrance Barrier THQMV	--
PFCC4022	Front Replacement Kit (Grey)	--
PFCC4022W	Front Replacement Kit (White)	--
TDL106	Door Lock Kit	--
PLTCHGR	Door Handle Gray	1TQC163000Z0116
PBS	Bond Screw Kit	1TQC163000Z0121
PGENLCK22	Generator Interlock kit 225A	1TQC163000Z0111
THLK2200	Subfeed Lug Kit - 200A, 2Pole	--
PHDWRKIT	P-Series Hardware Kit	1TQC163000Z0123
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TORQUE

Terminal#	Terminal Name	Installed/ Cat.Number	Wire Size	Drive	Torque LB-IN
A & B	Main Lug	Installed	(1) #1-300 Cu/Al	Internal Hex	200
N1	Neutral Lug	Installed	(1) #1-300 Cu/Al	Internal Hex	200
N2	Neutral Bar	Installed	See Below for Table 1		
N3	Neutral Bar	N/A			
N4	Neutral Bar	PNEUEXTSM			
G1	Ground Bar	Installed			
G2	Ground Bar	TGK42			
G3	Ground Bar	TGK12			
G4	Ground Lug	N/A	N/A	N/A	N/A
C & D	Feed Thru Lug	N/A	N/A	N/A	N/A
N5	Ground/ Neutral Lug	TNLK20	(1) #6-2/0 Cu/AL	Internal Hex	120
		TNLK250	(1) #1-300 Cu/AL	Internal Hex	200
S	Bonding Screw	Installed	N/A	Slotted/ Robertson	40

When used as service equipment,
all unused neutral terminals may be used for equipment ground conductors.

Table 1 : GROUND/NEUTRAL Bar Terminal
Wire size (AWG/KCMIL) & Torque

Conductor for Ground/Neutral Bar Terminal

Solid		Stranded		Drive	Torque Lb-in
CU	AL	CU	AL		
(1) 14	-	(1) 14	-	Slotted/ Robertson	15
-	(1) 12	-	(1) 12		15
(1) 12	-	(1) 12	-		20
(1) 10		(1) 10			20
-	-	(1) 8		Robertson	40
-	-	(1) 6-4			45
Multiple Conductor for Ground/Neutral Bar Terminal					
(1) 10 & (1) 12		-	-	Slotted/ Robertson	30
(1) 10 & (1) 14	-	(1) 10 & (1) 14	-		30
(2) 10 & (1) 14	-	-	-		30
(1) 12 & (1) 14	-	-	-		30
-	(2) 10 & (1) 12	-	(2) 10 & (1) 12		30

KNOCKOUTS

1"-1.25"-1.5"-2"-2.5"	1"-1.25" - 1.5" - 2"	0.75"-1"-1.25"-1.5"	0.5"- 0.75"- 1"	0.5"-0.75"	0.5"	0.281"
X6	X4	X2	X2	X24	X28	X4

ABB | ReliaHome™ P - Series

DRAWING NUMBER	Rev	Units
1TQC163300E0050	D	Inches