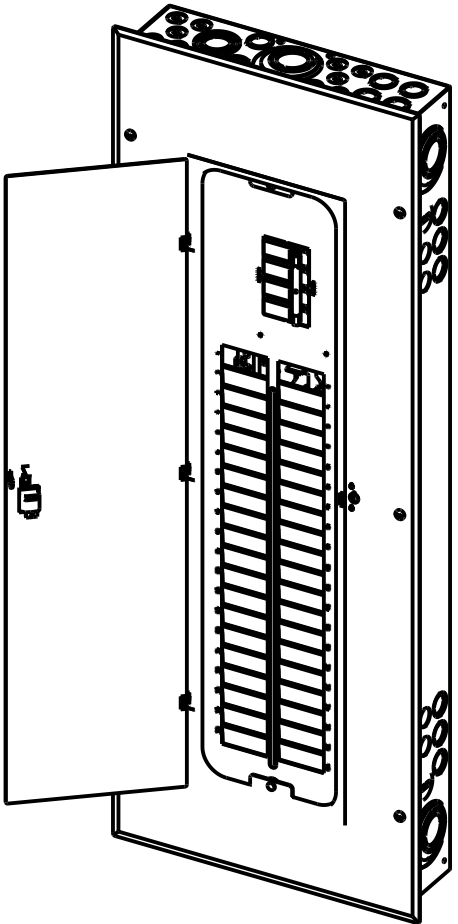


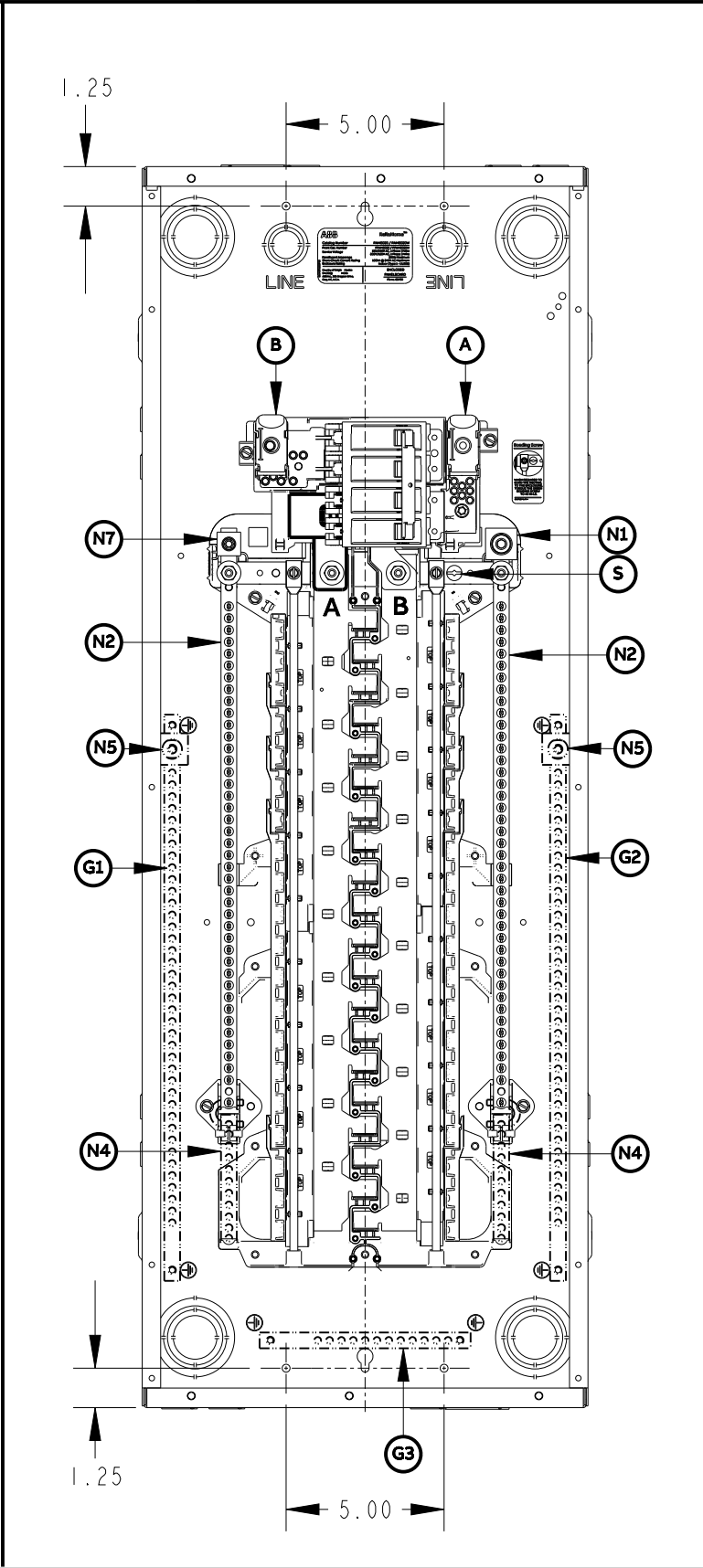
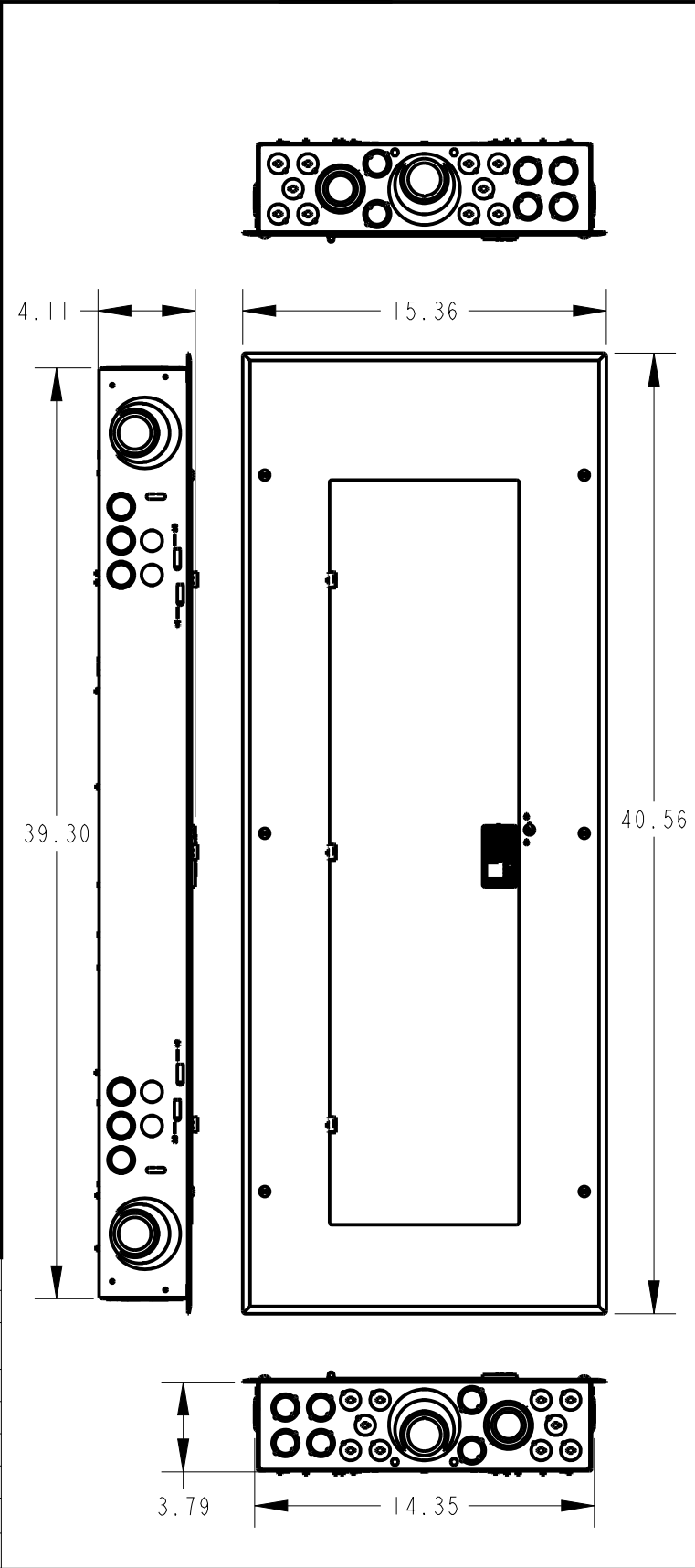
CATALOG

PAM4020  
PAM4020W



SPECIFICATION

|                                                    |                                                             |
|----------------------------------------------------|-------------------------------------------------------------|
| Service Voltage                                    | 120/240V AC, 1 Phase 3 Wire<br>208Y/120V AC, 1 Phase 3 Wire |
| Panelboard Amperage                                | 200A Maximum                                                |
| Short- Circuit Current Rating                      | 100kA @ 240V AC Maximum                                     |
| Rated Frequency                                    | 60Hz                                                        |
| Enclosure Rating                                   | Indoor (Type 1 - UL50E)                                     |
| Main Device                                        | Circuit Breaker                                             |
| Main Device Rating                                 | 200A Maximum                                                |
| Busbar Rating and Material                         | 200A Aluminum                                               |
| Branch Circuit Breaker Rating                      | 125A Maximum                                                |
| Sum of Circuit Breaker Rating                      | 200A 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                | --              |
| THQMV200F                     | 200A Main Circuit Breaker Kit     | --              |
| THQMVSBF                      | Service Entrance Barrier THQMV    | --              |
| PFAM4020                      | Front Replacement Kit (Grey)      | --              |
| PFAM4020W                     | 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 |
| --                            | --                                | --              |
| --                            | --                                | --              |

| TORQUE    |                        |                          |                           |                       |                 |
|-----------|------------------------|--------------------------|---------------------------|-----------------------|-----------------|
| Terminal# | Terminal Name          | Installed/<br>Cat.Number | Wire Size                 | Drive                 | Torque<br>LB-IN |
| A & B     | Main Circuit Breaker   | Factory Installed        | #1 - 250 Cu; 2/0 - 250 Al | Internal Hex          | 200             |
| N1        | Neutral Lug            | Factory Installed        | (1) #1-300 Cu/Al          | Internal Hex          | 200             |
| N7        | Neutral Lug            | Factory Installed        | (1) #6-2/0 Cu/Al          | Internal Hex          | 120             |
| N2        | Neutral Bar            | Factory Installed        | See Below for Table 1     |                       |                 |
| N3        | Neutral Bar            | N/A                      |                           |                       |                 |
| N4        | Neutral Bar            | PNEUXTSM                 |                           |                       |                 |
| G1        | Ground Bar             | TGK42                    |                           |                       |                 |
| 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/<br>Neutral Lug | TNLK20                   | (1) #6-2/0 Cu/AL          | Internal Hex          | 120             |
| N6        |                        | N/A                      | N/A                       | N/A                   | N/A             |
| N5/N6     |                        | TNLK250                  | (1) #1-300 Cu/AL          | Internal Hex          | 200             |
| --        | --                     | --                       | --                        | --                    | --              |
| --        | --                     | --                       | --                        | --                    | --              |
| S         | Bonding Screw          | Installed                | N/A                       | Slotted/<br>Robertson | 40              |

| When used as service equipment,<br>all unused neutral terminals may be used for equipment ground conductors. |                 |                 |                 |                       |                 |
|--------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------------|-----------------|
| Table 1 : GROUND/NEUTRAL Bar Terminal<br>Wire size (AWG/KCMIL) & Torque                                      |                 |                 |                 |                       |                 |
| Conductor for Ground/Neutral Bar Terminal                                                                    |                 |                 |                 |                       |                 |
| Solid                                                                                                        |                 | Stranded        |                 | Drive                 | Torque<br>Lb-In |
| CU                                                                                                           | AL              | CU              | AL              |                       |                 |
| (1) 14                                                                                                       | -               | (1) 14          | -               | Slotted/<br>Robertson | 15              |
| -                                                                                                            | (1) 12          | -               | (1) 12          |                       | 15              |
| (1) 12                                                                                                       | -               | (1) 12          | -               |                       | 20              |
| (1) 10                                                                                                       |                 | (1) 10          |                 | Robertson             | 20              |
| -                                                                                                            | -               | (1) 8           |                 |                       | 40              |
| -                                                                                                            | -               | (1) 6-4         |                 |                       | 45              |
| Multiple Conductor for Ground/Neutral Bar Terminal                                                           |                 |                 |                 |                       |                 |
| (1) 10 & (1) 12                                                                                              | -               | -               | -               | Slotted/<br>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  | Mod | Rev | Units  |
| 1TQC163300E0011 | 01  | D   | Inches |