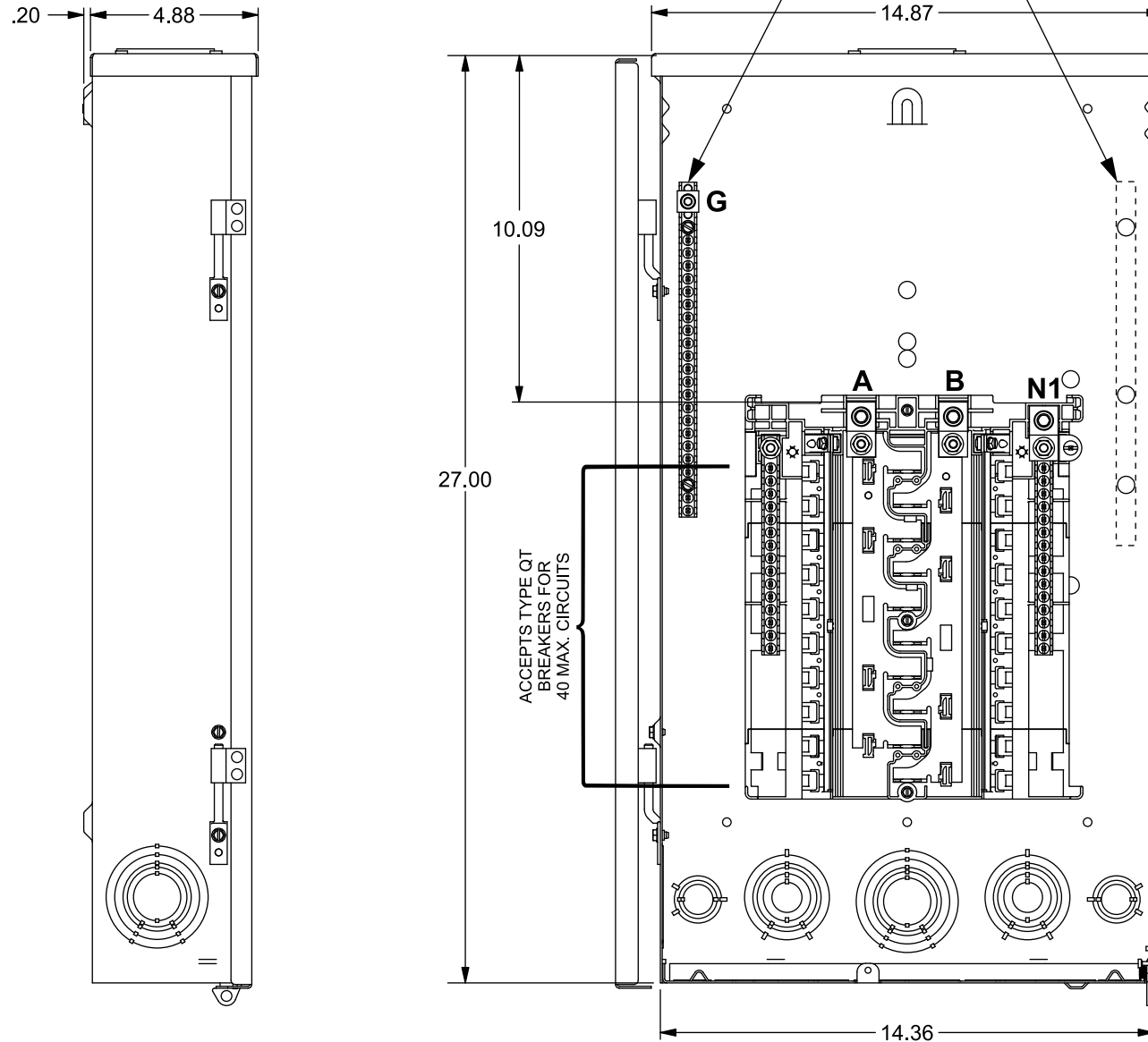


- 1 PHASE, 3 WIRE, 120/240V ~
- 100K AIC MAX. RATED (SEE WIRING DIAGRAM FOR DETAILS)
- MAIN LUG ONLY
- TYPE 3R OUTDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED ENCLOSURE
- DESIGNED FOR USE WITH PLUG-ON NEUTRAL BREAKERS



| Catalog<br>Number | ENCLOSURE DIMS<br>(inside) |       |      | Amps<br>Max | Number<br>Spaces | Number<br>Circuits | Bus Bar<br>Material | Bus Bar<br>Plating |
|-------------------|----------------------------|-------|------|-------------|------------------|--------------------|---------------------|--------------------|
|                   | L                          | W     | D    |             |                  |                    |                     |                    |
| SNW2040L1150      | 27.00                      | 14.25 | 4.50 | 150         | 20               | 40                 | Aluminum            | Tin Plated         |

| FACTORY<br>INSTALLED<br>GROUND BAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PROVISION FOR<br>FIELD INSTALLED<br>GROUND BAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. 100% of the total load shall be carried by the ground bar.</p> <p>2. The ground bar shall be connected to the main service panel.</p> <p>3. The ground bar shall be connected to the main service panel.</p> <p>4. The ground bar shall be connected to the main service panel.</p> <p>5. The ground bar shall be connected to the main service panel.</p> <p>6. The ground bar shall be connected to the main service panel.</p> <p>7. The ground bar shall be connected to the main service panel.</p> <p>8. The ground bar shall be connected to the main service panel.</p> <p>9. The ground bar shall be connected to the main service panel.</p> <p>10. The ground bar shall be connected to the main service panel.</p> | <p>1. 100% of the total load shall be carried by the ground bar.</p> <p>2. The ground bar shall be connected to the main service panel.</p> <p>3. The ground bar shall be connected to the main service panel.</p> <p>4. The ground bar shall be connected to the main service panel.</p> <p>5. The ground bar shall be connected to the main service panel.</p> <p>6. The ground bar shall be connected to the main service panel.</p> <p>7. The ground bar shall be connected to the main service panel.</p> <p>8. The ground bar shall be connected to the main service panel.</p> <p>9. The ground bar shall be connected to the main service panel.</p> <p>10. The ground bar shall be connected to the main service panel.</p> |



**USE COPPER OR ALUMINUM 60°/75°C WIRE**  
SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS

| TERMINALS                                                                 |                         | WIRE                                  | TORQUE                              |
|---------------------------------------------------------------------------|-------------------------|---------------------------------------|-------------------------------------|
| A, B, N1                                                                  |                         | 300 kcmil - 4 AWG                     | 250 LB-INS                          |
| G                                                                         |                         | 2/0 - 4 AWG                           | 110 LB-INS                          |
| NEUTRAL/GROUND BARS<br>(USE TYPE EC2GB or EC3GB<br>GND BAR KIT ACCESSORY) |                         | 10-14 CU/10-12 AL<br>8 AWG<br>6-4 AWG | 20 LB-INS<br>25 LB-INS<br>35 LB-INS |
| GROUND CONDUCTORS ONLY                                                    |                         | 2(or)3/ 14 AWG<br>12-10 AWG           | 20 LB-INS<br>20 LB-INS              |
| N2                                                                        | ECLK2N NEUTRAL LUG      | 2/0 - 4 AWG                           | 110 LB-INS                          |
|                                                                           | ECL3N NEUTRAL LUG       | 300 kcmil - 4 AWG                     | 250 LB-INS                          |
|                                                                           | ECLK1-2 NEUTRAL LUG KIT | 2/0 - 4 AWG                           | 45 LB-INS                           |
|                                                                           | ECLK2 NEUTRAL LUG KIT   | 300 kcmil - 4 AWG                     | 135 LB-INS                          |
|                                                                           | ECLK3 NEUTRAL LUG KIT   | 300 kcmil - 1 AWG                     | 340 LB-INS                          |
| MAIN LUG TO BUS CONNECTION (1/4-20 NUT)                                   |                         |                                       | 45 LB-INS                           |
| BONDING SCREW                                                             |                         |                                       | 45 LB-INS                           |

**REFER TO WIRING DIAGRAM FOR  
CORRECT ACCESSORY USAGE**

| ACCESSORIES              |                      |
|--------------------------|----------------------|
| DESCRIPTION              | CAT. NO.             |
| FILLER PLATE, 1"         | QF3                  |
| QP HOLD-DOWN/BARRIER     | ECMBR2               |
| QNR UNE TERMINAL BARRIER | ECLTB3               |
| SUBFEED LUG KIT          | ECLK2125<br>ECLK2225 |
| 150-225 AMP MAIN LUG     | ECMLK225             |
| ARC FLASH LABEL          | ECAFL                |

STANDBY PWR INTERLOCK KITS:  
 ECSBPBK01, ECSBPBK02, ECSBPBK05,  
 ECSBPBK07

| CONDUIT HUBS |          |
|--------------|----------|
| TRADE SIZE   | CAT. NO. |
| 1 INCH       | ECHS100  |
| 1-1/4 INCH   | ECHS125  |
| 1-1/2 INCH   | ECHS150  |
| 2 INCH       | ECHS200  |
| 2-1/2 INCH   | ECHS250  |

| GROUND BAR KITS                    |           |
|------------------------------------|-----------|
| DESCRIPTION                        | CAT. NO.  |
| TYPE EC2GB KIT, 12 SCREWS          | EC2GB12   |
| TYPE EC2GB KIT, 12 SCREWS, 2/0 LUG | EC2GB12L2 |
| TYPE EC2GB KIT, 15 SCREWS          | EC2GB15   |
| TYPE EC2GB KIT, 15 SCREWS, 2/0 LUG | EC2GB15L2 |
| TYPE EC3GB KIT, 21 SCREWS          | EC3GB21   |
| TYPE EC3GB KIT, 21 SCREWS, 2/0 LUG | EC3GB21L2 |
| TYPE EC3GB KIT, 27 SCREWS          | EC3GB27   |
| TYPE EC3GB KIT, 27 SCREWS, 2/0 LUG | EC3GB27L2 |
| TYPE EC3GB KIT, 30 SCREWS          | EC3GB30   |
| TYPE EC3GB KIT, 30 SCREWS, 2/0 LUG | EC3GB30L2 |
| TYPE EC3GB KIT, 35 SCREWS, 2/0 LUG | EC3GB35L2 |

**CLOSURE  
PLATE  
INCLUDED**

**KO Diagram**

HS HUB PROVISION

2.19

BACK OF BOX

5.25

.32"Ø MTG SLOT

1.60

1.44

2.50

1.89

6.09

3.50

5.25

4.68

2.43

1, 1-1/4, 1-1/2, 2, 2-1/2" KOs (3x)

1/2, 3/4, 1" KOs (4x)

1/2, 1, 1-1/4, 1-1/2, 2" KOs (2x)

25"Ø MTG HOLE (5x)

6.35

5.03

6.14

4.81

5.02

3.99

3.31

2.66

2.14

BACK OF BOX

3.50

3.31

2.50

2.33

.84

1/2" KOs (15x)

1/2, 3/4" KOs (4x)

1, 1-1/4, 1-1/2, 2, 2-1/2" TANGENTIAL KO

1.21

1.62

.16

.41

2.09

3.30

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### Load Center

Description: **SN Series, 1 Phase, Outdoor,  
150A, 20 Pos, 40 Ckt, Main Lug**

|             |                      |                             |
|-------------|----------------------|-----------------------------|
| KAM 4/24/20 | DO NOT SCALE DRAWING | Dwg No. <b>SNW2040L1150</b> |
|-------------|----------------------|-----------------------------|