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| FUSE TABLE | | | | | | |
|--|-----------------------|--|--|--|--|--|
| Overcurrent Protection, Fuse Required Class | Maximum Amp Rating | | | | | |
| Class J | 110A | | | | | |
| Class T | 110A | | | | | |
| Class RK1 | 60A | | | | | |
| Class RK5 | 30A | | | | | |
| Class G | 60A | | | | | |
| Class CC | 30A | | | | | |

FEATURES:

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- AVAILABLE IN FINGER SAFE STYLE MODEL ONLY THAT INCLUDE END PLATES AND HINGED COVER
- 2. FINGER SAFE TO IP20. PER. IEC60529
- 3. cULus LISTED TO UL 1953 AND 1059
- 4. AL9CU RATED FOR USE T=WITH COPPER OR ALUMINUM CONDUCTOR CLASS B & C, AND OPERTAING TEMP OF 90C
- 5. VOLTAGE RATING 600 V
- 6. DEFAULT SCCR (SHORT CIRCUIT CURRENT RATING) WITH CORRECT FUSING = 100kA
- 7. QUICK RELEASE LOCKING MECHANISM TO DISCONNECT FROM STD.35MM DIN RAIL
- 8. OVAL ALIGN MOUNTING HOLE AT BASE ON EITHER WIRE ENTRY END
- 9. MATERIAL: COVER AND END PLATES = LEXAN 500R POLYCARBONATE
- 10. MATERIAL: BASE AND SIDE PANELS = VAALOX NYLON 6/6 GF30%
- 11. MATERIAL: CONNECTOR BLOCK 6061T6 ALUMINUM TIN PLATED
- 12. MATERIAL: WIRE PORT SCREWS, STEEL TIN PLATED
- 13. MATERIAL: CONNECTOR TO BLOCK SECURITY SCREW, STEEL TIN PLATED
- 14. MULTI-PORT GANGING OF SAME SIZE BLOCK (SML, MED, LRG)
- 15. MAXIMUM AMPACITY PER POLE = 840A
- 16. PRIMARY (LINE, RUN, MAIN) SIDE = 600 MCM
- 17. PRIMARY MAXIMUM TORQUE VALUE = 442 IN.LBF
- 18. PRIMARY STRIP LENGTH = 1.00"
- 19. MAXIMUM AMPACITY PER POLE = 840A
- 20. SECONDARY (LINE, RUN, MAIN) SIDE = 4/0 AWG
- 21. SECONDARY MAXIMUM TORQUE VALUE = 224 IN.LBF
- 22. SECONDARY STRIP LENGTH = 1.00"

4

1. DIMENSIONS IN BRACKETS [] ARE IN MM ROUNDED OFF TO THE NEAREST MM, UNLESS OTHERWISE SPECIFIED AND ARE FOR REFERENCE ONLY 2. MATERIALS: BASE, POLE SEPERATING SIDE AND LOCK - NYLON 66 GF30% BLOCK AND RETENTION SCREWS - TIN PLATED ALUMINUM FINGER SAFE COVERS -POLYCARBONATE BLOCK MOUNTING HARDWARE - STAINLESS STEEL

3

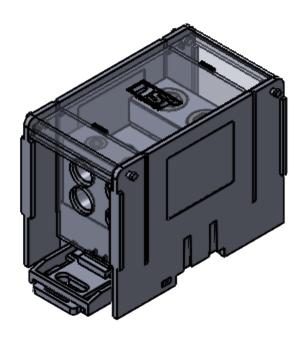
3

3. MAY BE USED IN ANY NUMBER OF POLES REQUIRED.

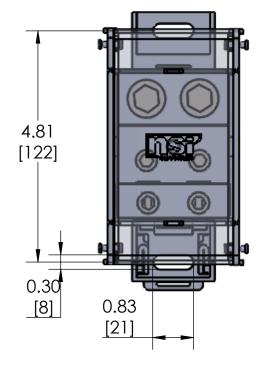
RUN SIDE

| WIRE RANGE | CONNECTOR SIZE | | | | | | | | | | | |
|------------|----------------|-----|-----|-----|-----|-----|-----|-----|----|----|--|--|
| (MCM/AWG) | 750 | 600 | 500 | 350 | 250 | 3/0 | 2/0 | 1/0 | #2 | #4 | | |
| 750 - 600 | 550 | 550 | | | | | | | | | | |
| 500 | 550 | 450 | 450 | | | | | | | | | |
| 400 | 550 | 450 | 450 | | | | | | | | | |
| 350 | 550 | 400 | 400 | 400 | | | | | | | | |
| 250 | 550 | 360 | 360 | 360 | 360 | | | | | | | |
| 4/0 - 3/0 | 550 | 250 | 250 | 250 | 250 | 250 | | | | | | |
| 2/0 | 550 | 180 | 180 | 180 | 180 | 180 | 120 | | | | | |
| 1/0 | 550 | 180 | 180 | 180 | 180 | 180 | 80 | 80 | | | | |
| #1 | | 150 | 150 | 150 | 150 | 150 | 65 | 65 | | | | |
| #2 - #3 | | 150 | 150 | 150 | 150 | 150 | 65 | 65 | 65 | | | |
| #4 - #6 | | 150 | 110 | 110 | 110 | 110 | 55 | 55 | 35 | 35 | | |
| #8 | | | | 75 | | | 45 | 45 | 25 | 25 | | |
| #10 - #14 | | | | 35 | | | 25 | 25 | 15 | 15 | | |

| - | | | | | | | |
|---|-----|---------|-------------|-----------------|----|----------|-------|
| | REV | DATE | R | EVISED | BY | ECN | C'K'D |
| | Α | | RE | ELEASED | | | |
| | В | 8/31/23 | UPDATED ITE | EM SPECIFCATION | DC | 23-00015 | SSM |
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2

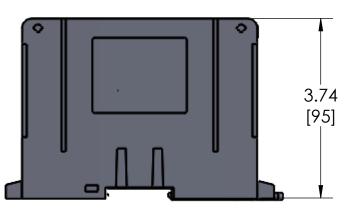


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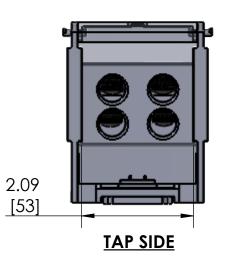
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DIN RAIL STYLE



| NPDB - | 24 - | 600 - | 1 |
|--|---|-------------------|-----------------|
| NSI PRODUCT GROUP POWER DISTRIBUTION B;OCKS | 1ST DIGIT = # OF PRIMARY COND. 2ND DIGIT = #OF SECONDARY COND. | MAXIMUM WIRE SIZE | NUMBER OF POLES |

| PROPRIETARY AND CONFIDENTIAL | | NAME | DATE | | | | | | |
|--|---|---------------------------|---------|--------|-------|------------|-----------|----------|-----|
| THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NSI Industries. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF | DRAWN | DC | 8/31/23 | | | Ĩ | | | |
| | CHECKED | SSM | 8/31/23 | INSI | | | | | |
| NSi Indsutries IS PROHIBITED. | ENG APPR. | | | | | | | | |
| Dim. UNLESS OTHERWISE NOTED, ARE IN INCHES. DECIMAL XX ± 0.05 FRACTION ± 1/64 ANG IES + 1° | MFG APPR. | | | TITLE: | | | | | |
| | Q.A. | | | | POW | er dis | STRUBUTIO | N BLO | CKS |
| DO NOT SCALE DRAWINGS | CO | MMENTS: | | | | | | | |
| see notes | TO ORDER NSI PRODUCTS CALL UNITED STATES | | CALL | SIZE | DWG. | NO. | MODEL. I | NO. | REV |
| SEE NOTES | FOR PR |) 439-2420 ODUCT INFO: | | C | | | NPDB-24- | 600-1 | В |
| DIMENSIONS ARE IN INCHES | www.nsiindustries.com | | SCA | LE:1:2 | SOLID | WORKS 2022 | SHEET | [1 OF 1 | |

NOTES: