


### NPDB-16-500-1

|  | PRODUCT INFORMATION   | FEATURES   |
|---|---|--|
|   | NPDB Series PDB, SCCR RMS SYM amps of 100kA rated with AL or CU conductors and proper fusing. | <ul style="list-style-type: none"> <li>100kA Short Circuit Current Rated (SCCR)</li> <li>Finger Safe IP20 per IEC60529</li> <li>DIN Rail Mount - 35mm</li> <li>Multi-Pole Ganging</li> </ul> |

| OVERVIEW | COLOR  | MATERIAL  | OVERCURRENT PROTECTION   | ADDITIONAL FEATURES  | CERTIFICATIONS   |
|----------|--|---|--|--|--|
|          | Black Base, Clear Finger-Safe Panels and Cover | <ul style="list-style-type: none"> <li><b>Base:</b> Valox Nylon 6/6</li> <li><b>Finger-Safe Panels and Cover:</b> Lexan 500R Polycarbonate</li> <li><b>Connector:</b> 6061-T6 AL, Electro-tin Plated</li> </ul> | <b>Fuse Class and (Max. Amp):</b><br>Class J (110A)<br>Class T (110A)<br>Class RK1 (60A)<br>Class RK5 (30A)<br>Class G (60A)<br>Class CC (30A) | <ul style="list-style-type: none"> <li><b>Replacement Cover P/N:</b> CLNPDB</li> <li>Locking Mechanism to lock/release block on DIN Rail</li> <li>35mm DIN Rail Mountable</li> </ul> | <ul style="list-style-type: none"> <li>UL1953 and UL1059 Listed, cULus</li> <li>Finger Safe IP20 per IEC60529</li> </ul> |

| TECHNICAL INFORMATION | CHARACTERISTIC                   | SPECIFICATION / VALUE  |
|-----------------------|----------------------------------|--|
|                       | Type                             | Single Primary (Line), Single Secondary (Load)   |
|                       | Wire range (Primary - Secondary) | PDB, 1 POLE: LINE 1 x 500-4, LOAD 6 x 2/0-14   |
|                       | Conductor stranding class        | Class B, C   |
|                       | Torque data (in.lbf.)            | Primary Max: 442 - Secondary Max: 120  |
|                       | Wire strip length (in.)          | Primary Max: 1.0 - Secondary Max: 0.5  |
|                       | Maximum ampacity/pole            | 380A   |
|                       | Dimensional size                 | SMALL - L: 5.80" x W: 2.75" x H: 3.75"   |
|                       | Voltage rating                   | 600V   |
|                       | Operating temperature (°C)       | 90   |
|                       | AL9CU                            | Dual-rated for use with copper or aluminum conductor   |
|                       | Mounting                         | Slotted holes in base, 35mm DIN rail with locking feature  |
|                       | Application                      | Splicing or Tapping of 1-2 Primary (Line/Main) Conductors to 1-12 Secondary (Load/Tap) Side Conductors |