Replacement starter solutions

Eaton’s NEMA® Advantage™ conversion kit allows for retrofitting installed Advantage starters in UL® 508A control panels to the Freedom AN19 series. This kit provides superior motor protection via the C440 electronic overload relay at a reduced cost over the Advantage starter.

**Features**
- No panel drilling required—use existing hole pattern
- Maintain existing overload features with C440 advanced overload protection
- Selectable (ON/OFF) ground fault
- Freedom AN19 starter and retrofit mounting plate provided in one package for fast and easy Advantage starter replacement
- C441 Communication modules available as optional accessory—all major protocols supported

**Applications**
- Replacement of Eaton Advantage starters in UL 508A control panels and wall-mounted starters
- NEMA sizes 1 and 2
- 120 Vac control

**Standards and certifications**
- UL 508 approved
- UL Listed magnetic motor controller kit (NLDX, NLDX7—UL File E1491)

**Related materials and documentation**
- Instruction Leaflet P53308
- C440 Brochure BR04210001E
- Information available at Eaton.com/an19

**Note:** All components maintain their individual ratings.
### Advantage conversion kit components

- **AN19 starter**—Freedom starter with C440 electronic overload including ground fault
- **Retrofit mounting plate**—allows for re-use of existing hole pattern and hardware

### Replacement starters

<table>
<thead>
<tr>
<th>Existing Advantage starter</th>
<th>Overload FLA</th>
<th>Freedom AN19 starter Advantage conversion kit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Starter size</strong></td>
<td><strong>Catalog number</strong></td>
<td><strong>Overload FLA</strong></td>
</tr>
<tr>
<td>1L</td>
<td>W200MLCFC / W+200MLCFC</td>
<td>0.47–4.14 A</td>
</tr>
<tr>
<td>1</td>
<td>W200M1CFC / W+200M1CFC</td>
<td>3.15–27 A</td>
</tr>
<tr>
<td>2</td>
<td>W200M2CFC / W+200M2CFC</td>
<td>3.15–45 A</td>
</tr>
</tbody>
</table>

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**Contactor frame size**

<table>
<thead>
<tr>
<th>NEMA size</th>
<th>Continuous amperes</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>1</td>
</tr>
<tr>
<td>G</td>
<td>2</td>
</tr>
</tbody>
</table>

**NEMA enclosure**

- N = Open

**Starter mounting option**

- 0 = Horizontal

**Device type**

- A = Starter

**Device assembly configuration**

- 1 = Non-reversing

**OLR type**

- 9 = Starter w/C440 EOLR

**AC coil suffix**

- Suffix = Volts and hertz
  - A = 120/60 or 110/50

**C440 OLR designation**

- 5G = Ground fault feature set SEL Reset, SEL Class (10, 20)