Compact Fused Switch
Compact EP

DISCONNECT SWITCHES
THE NEXT LEVEL OF SAFETY AND EASE OF INSTALLATION

Mersen’s Compact Fused Disconnect incorporates the switch functionality with the high protection level of a fuse. The switch accepts UL class CC fuses up to 30A. In addition to this, the Compact Fused Disconnect is UL 98 listed and suitable for use as main/feeder device and, in conjunction with CC fuses, is rated for branch circuit protection. It has a smaller footprint compared to a traditional Class CC disconnect with a max interrupting rating of 200kA.

The compact form factor and ease of installation makes it a great choice for panel builders. The easy lockout/tagout feature and IP20 rating ensures additional safety along with the built in switch capability.

FEATURES/BENEFITS:
- UL 98 30A Fused disconnect
- Smaller footprint compared to a traditional Class CC disconnect
- Accepts Class CC 30A fuses for branch circuit protection
- 35mm DIN rail mounted
- Built-in lockout/tagout feature
- 200kA SCCR rating
- 75°C CU Wire

RATINGS:
- **Volts:**
  - 347VAC - single pole
  - 125VDC - single pole
  - 600VAC - 2-3 pole
- **Amps:** 30A
- **SCCR:** 200kA

APPROVALS:
- cULus Listed file No. E191605
- UL 98 - Open type switches
- CSA C22.2 No. 4 - enclosed and deadfront switches
- IEC 60529 degree of protection IP20

Catalog Numbering System: CEP-FS30CC1

<table>
<thead>
<tr>
<th>CEP</th>
<th>FS</th>
<th>30</th>
<th>CC</th>
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<tbody>
<tr>
<td>Compact Electrical Power</td>
<td>Fused Switch</td>
<td>30 Amps</td>
<td>CC - Accepts Class CC fuses</td>
<td>Single Pole</td>
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</table>
COMPACT EP
Compact Fused Switch

DIMENSIONS

TERMINAL SPECIFICATIONS
- Wire range #4-18 AWG
- Solid copper wire range 10-18 AWG
- Wire strip length ½”
- Terminal screw driver: Pozidriv style Philips – slot
- Dual wire rated for same-size wire. See table below.

<table>
<thead>
<tr>
<th>Line Side</th>
<th>Wire Size (CU Stranded)</th>
<th>Torque</th>
<th>Wires/Terminal</th>
<th>Wire Class (UL)</th>
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<tbody>
<tr>
<td></td>
<td>#4 AWG</td>
<td>18 lbf. in 2 N.m</td>
<td>1</td>
<td>B, C</td>
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<td></td>
<td>#6-18 AWG</td>
<td>18 lbf. in 2 N.m</td>
<td>1:2</td>
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HORSEPOWER RATINGS – FOR MOTOR DISCONNECT APPLICATIONS
- CEP-FS30CC1 - 120VAC; 1 Phase; 0.5
- CEP-FS30CC2 - 240VAC; 1 Phase; 1.5
- CEP-FS30CC3 - 240VAC, 3 Phase; 3 480VAC; 3 Phase; 5 600VAC; 3 Phase; 7.5
- For motor HP ratings at full load current refer to UL table 50.1 in UL508A
- Max HP requires use of time delay fuses

ACCESSORIES
- CEP-FS30CC-FC - Replacement Fuse Carrier sold separately

FACTORY & FIELD WIRING
- Minimum Indicator Voltage - 90VAC