

## DEH-41694 Installation Guide

# **HPC\* Switches Heat Sink**

## 1200A-1600A HPC\* SWITCHES

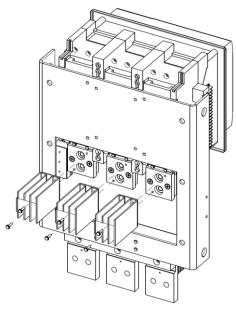


FIG.1 1200A-1600A TOP FEED SWITCH

- 1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS.
- 2. HOLD HEAT SINKS IN PLACE AND START SCREWS IN THE HEAT SINK BRACKETS AS SHOWN IN FIG.1. TIGHTEN ALL SCREWS 30 IN-LBS.

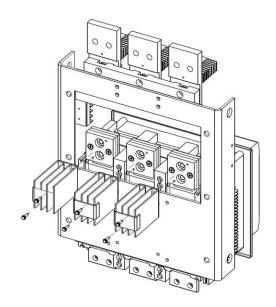


FIG.2 1200A-1600A BOTTOM FEED SWITCH

- 1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS.
- 2. HOLD HEAT SINKS IN PLACE AND START SCREWS IN THE HEAT SINK BRACKETS AS SHOWN IN FIG.2. TIGHTEN ALL SCREWS 30 IN-LBS.

## 2000A HPC\* SWITCHES

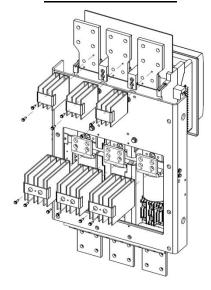


FIG.3 2000A TOP FEED SWITCH

- 1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS & 3 SIX-FIN HEAT SINKS. 2. HOLD THE FOUR-FIN HEAT SINKS IN PLACE ON THE LINE TERMINALS AND START SCREWS AS SHOWN IN FIG.3. TIGHTEN ALL SCREWS 30 IN-LBS.
- 3. START THE SCREWS INTO THE U-SHAPED HEAT SINK BRACKETS.
- 4. WITH LARGE END OF KEYHOLES DOWN, SLIDE THE SIX-FIN HEAT SINKS OVER SCREWS, MAKING CERTAIN THAT SCREW HEADS FULLY ENGAGE NARROW ENDS OF KEYHOLES. TIGHTEN ALL SCREWS 30 IN-LBS.

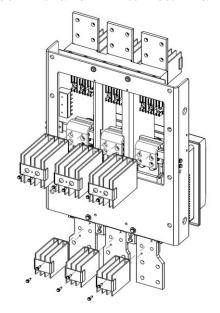


FIG.4 2000A BOTTOM FEED SWITCH

- 1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS & 3 SIX-FIN HEAT SINKS. 2. HOLD THE FOUR-FIN HEAT SINKS IN PLACE ON THE LINE TERMINALS AND START SCREWS AS SHOWN IN FIG.4. TIGHTEN ALL SCREWS 30 IN-LBS.
- 3. START THE SCREWS INTO THE U-SHAPED HEAT SINK BRACKETS.
- 4. WITH LARGE END OF KEYHOLES DOWN, SLIDE THE SIX FIN HEAT SINKS OVER SCREWS, MAKING CERTAIN THAT SCREW HEADS FULLY ENGAGE NARROW ENDS OF KEYHOLES. TIGHTEN ALL SCREWS 30 IN-LBS.

#### FIG.5 2500A-3000A TOP FEED SWITCH

1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS & 3 EIGHT-FIN HEAT SINKS.
2. HOLD THE FOUR-FIN HEAT SINKS IN PLACE ON THE LINE TERMINALS AND START SCREWS AS SHOWN IN FIG.5. TIGHTEN ALL SCREWS 30 IN-LBS.
3. HOLD THE EIGHT-FIN HEAT SINKS IN PLACE ON THE L SHAPED HEAT SINK BRACKETS AND START SCREWS AS SHOWN IN FIG.5. TIGHTEN ALL SCREWS 30 IN-LBS.

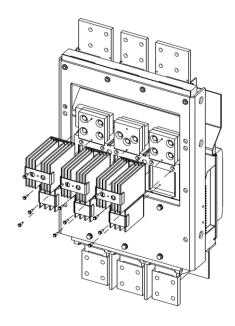


FIG.6 2500A-3000A BOTTOM FEED SWITCH

1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS & 3 EIGHT-FIN HEAT SINKS.
2. HOLD THE FOUR-FIN HEAT SINKS IN PLACE ON THE LINE TERMINALS AND START SCREWS AS SHOWN IN FIG.6. TIGHTEN ALL SCREWS 30 IN-LBS.
3. HOLD THE EIGHT-FIN HEAT SINKS IN PLACE ON THE HEAT SINK BRACKETS AND START SCREWS AS SHOWN IN FIG.6. TIGHTEN ALL SCREWS 30 IN-LBS.

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# **4000A HPC\* SWITCHES**

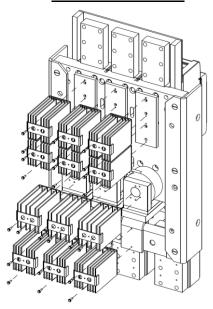
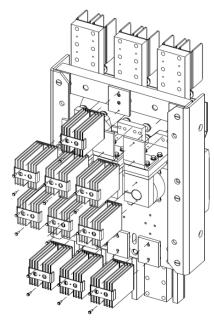


FIG.7 4000A TOP FEED SWITCH

- 1. SWITCH REQUIRES 3 SIX-FIN HEAT SINKS & 9 EIGHT-FIN HEAT SINKS.
- 2. START THE SCREWS INTO THE COPPER PLATE IN FRONT OF CURRENT SENSOR AS SHOWN IN FIG.7.
- 3. WITH LARGE END OF KEYHOLES DOWN, SLIDE THE SIX-FIN HEAT SINKS OVER SCREWS, MAKING CERTAIN THAT SCREW HEADS FULLY ENGAGE NARROW ENDS OF KEYHOLES. TIGHTEN ALL SCREWS 30 IN-LBS.
- 4. HOLD THE EIGHT-FIN HEAT SINKS IN PLACE ON THE L SHAPED AND LONG HEAT SINK BRACKETS AND START SCREWS AS SHOWN IN FIG.7. TIGHTEN ALL SCREWS 30 IN-LBS.



#### FIG.8 4000A BOTTOM FEED SWITCH

- 1. SWITCH REQUIRES 10 EIGHT-FIN HEAT SINKS.
- 2. HOLD THE EIGHT-FIN HEAT SINKS IN PLACE ON THE COPPER PLATE IN FRONT OF CURRENT SENSOR, THE L-SHAPED HEAT SINK BRACKETS, THE SINGLE HEAT SINK BRACKET ON TOP AND THREE HEAT SINK BRACKETS IN BOTTOM AS SHOWN IN FIG.8 AND START SCREWS. TIGHTEN ALL SCREWS 30 IN-LBS.

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