

# Telpower® High Current Switch

## TPHCS



TPHCS800-MAV (shown)

### TPHCS

#### Telpower® High Current Switch

For use with Telpower® Fuses Type TPL-B AND TPL-C.

#### Patents Pending

**Ampere Ratings:** 70 to 800 Amperes

**Voltage Rating:** 80 Volts DC

**U.L. Withstand Rating:** 100,000A

#### Agency Information:

U.L. Recognized (investigated to U.L. 1801) as a disconnect switch for the interruption of load current by means of withdrawing the fuse carrier.

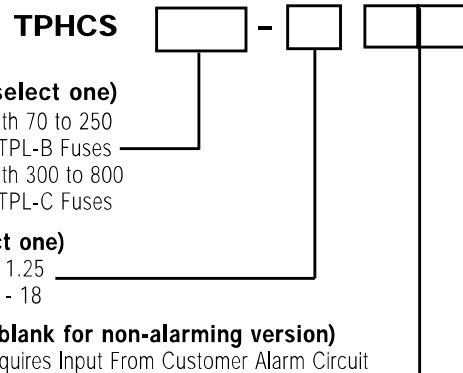
U.L. Recognized to meet the requirements for Canadian Standards.

#### General Information:

- Innovative new design eliminates need for tools to replace the Telpower® type TPL-B or TPL-C fuse.
- Easy to install—captive fasteners allow for direct busbar mounting (bolts not included).
- Optional new electronic alarm provides both local and remote open-fuse indications.
  - Bipolar alarm designed for both Central Office and Radio applications.
  - Local LED alarm indication for ease-of-viewing.
  - Standard ¼" male quick-connect terminal for effortless remote alarm connection (Maximum remote alarm current: 20mA).
  - Eliminates need for parallel indicating fuses.
- Fuse presence window allows for easy viewing of installed fuse ampere rating.
- Compact design for today's high power, high-density cabinets.
- Available as complete switch or pullout and base may be purchased separately.

#### Part Number System—Switches (Pullout and Base)

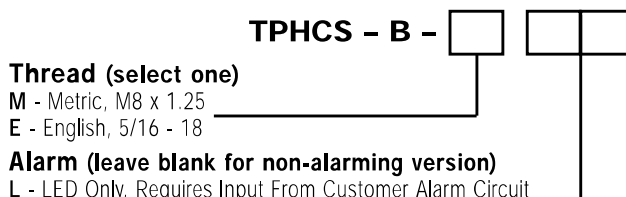
To identify part number, replace block with appropriate suffix to identify ampereage, thread type, and alarm option.



\*Consult factory for availability

#### Part Number System—Bases

To identify part number, replace block with appropriate suffix to identify thread type, and alarm option.



\*Consult factory for availability

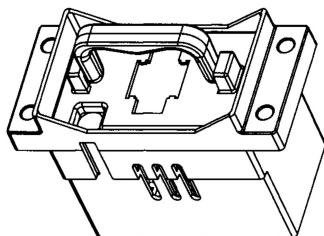
| Catalog Numbers—Switches (Pullout and Base) |                                     | Series Fuse | Ampere Rating  |
|---------------------------------------------|-------------------------------------|-------------|----------------|
| TPHCS250-M                                  | High Current Switch, Metric         | TPL-B       | 70 to 250 Amp  |
| TPHCS250-E                                  | High Current Switch, English        | TPL-B       | 70 to 250 Amp  |
| TPHCS250-ML                                 | High Current Switch, Metric, LED    | TPL-B       | 70 to 250 Amp  |
| TPHCS250-EL                                 | High Current Switch, English, LED   | TPL-B       | 70 to 250 Amp  |
| TPHCS250-MAV                                | High Current Switch, Metric, Alarm  | TPL-B       | 70 to 250 Amp  |
| TPHCS250-EAV                                | High Current Switch, English, Alarm | TPL-B       | 70 to 250 Amp  |
| TPHCS800-M                                  | High Current Switch, Metric         | TPL-C       | 300 to 800 Amp |
| TPHCS800-E                                  | High Current Switch, English        | TPL-C       | 300 to 800 Amp |
| TPHCS800-ML                                 | High Current Switch, Metric, LED    | TPL-C       | 300 to 800 Amp |
| TPHCS800-EL                                 | High Current Switch, English, LED   | TPL-C       | 300 to 800 Amp |
| TPHCS800-MAV                                | High Current Switch, Metric, Alarm  | TPL-C       | 300 to 800 Amp |
| TPHCS800-EAV                                | High Current Switch, English, Alarm | TPL-C       | 300 to 800 Amp |

| Catalog Numbers – Components |                           | Series Fuse | Ampere Rating  |
|------------------------------|---------------------------|-------------|----------------|
| TPHCS250-P                   | Pullout only – 250 A      | TPL-B       | 70 to 250 Amp  |
| TPHCS800-P                   | Pullout only – 800 A      | TPL-C       | 300 to 800 Amp |
| TPHCS-B-M                    | Base only, Metric         | —           | 800 Amp Max.   |
| TPHCS-B-E                    | Base only, English        | —           | 800 Amp Max.   |
| TPHCS-B-ML                   | Base only, Metric, LED    | —           | 800 Amp Max.   |
| TPHCS-B-EL                   | Base only, English, LED   | —           | 800 Amp Max.   |
| TPHCS-B-MAV                  | Base only, Metric, Alarm  | —           | 800 Amp Max.   |
| TPHCS-B-EAV                  | Base only, English, Alarm | —           | 800 Amp Max.   |

# Telpower® High Current Switch

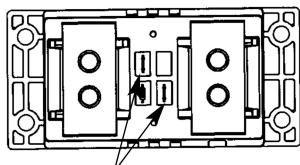
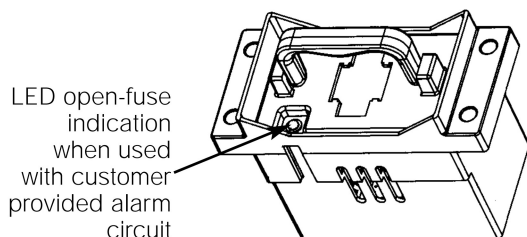
## TPHCS

### TPHCS -M & -E



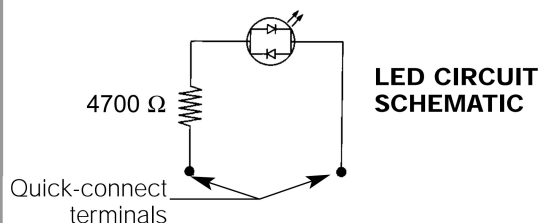
**NOTE:**  
1. TPHCS -M and -E are the same with the exception of thread type.

### TPHCS -ML & -EL



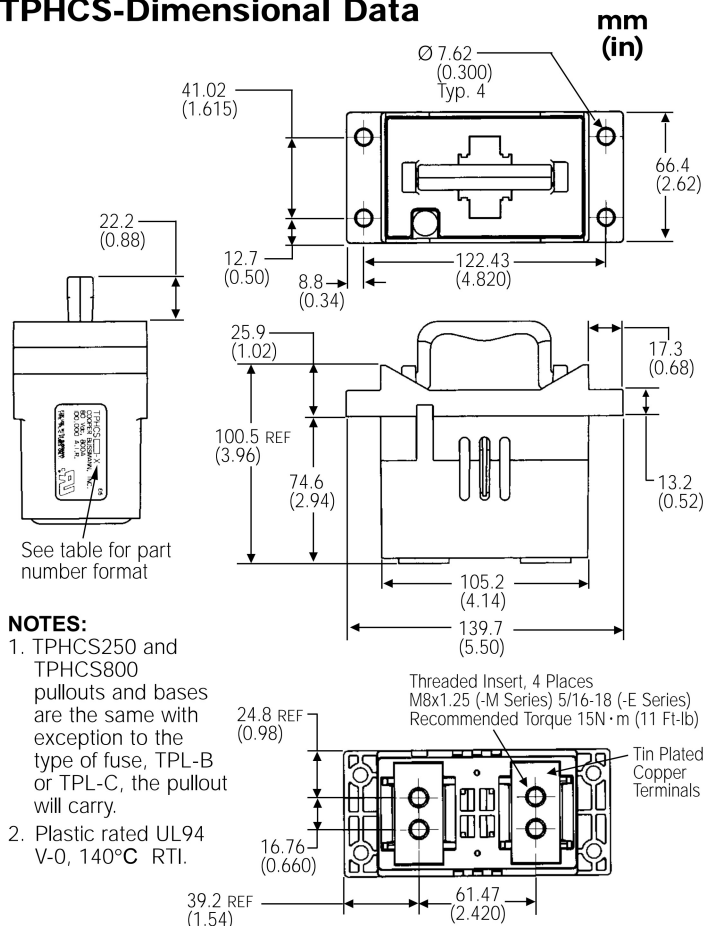
**BOTTOM VIEW**

LED alarm connections 1/4" male quick connects.



**NOTES:** 1. TPHCS -ML & -EL are the same with the exception of thread type.  
2. Maximum continuous LED current 20mA.

### TPHCS-Dimensional Data



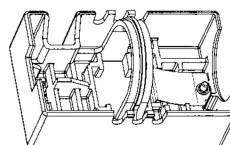
#### NOTES:

1. TPHCS250 and TPHCS800 pullouts and bases are the same with exception to the type of fuse, TPL-B or TPL-C, the pullout will carry.
2. Plastic rated UL94 V-0, 140°C RTI.

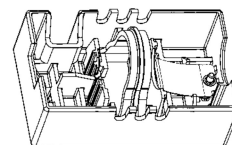
### TPHCS COMPONENTS

See Catalog Numbers for complete list

#### PULLOUTS

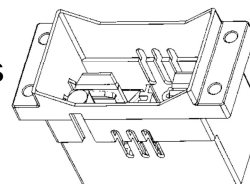


**TPHCS800-P**



**TPHCS250-P**

#### BASES



**TPHCS-B-M**  
(shown for reference)

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