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TPC and TPCDS

Specifications

Descriptions:

— **TPC:** Telepower compact current-limiting fuses.

— TPCDS:

Telepower compact fused disconnect switch available in two disconnect switch profiles in addition to a variety of terminal styles. Recommended 0.75" center-to-center product spacing.

Dimensions: See Data Sheet 5023.

Ratings:

Volts: — 80Vdc

Amps: — 3-125A (see catalog numbers table for details)

IR: — 100kA

Agency information: CE, UL Recognized (investigated to UL 1801) as a disconnect switch for the interruption of load current by means of withdrawing the fuse pullout.

Recognized to US and Canadian requirements under the component recognition program of Underwriters Laboratories Inc. Files E219046 and E56412.

Flammability ratings: Fuse UL 94V0, 170°C RTI, Housing UL 94V0, 120°C RTI.

Typical applications

- Telecommunications DC power circuit protection
- Replacement of DC telecom circuit breakers
- Applications where venting of arc or molten metals and gases during opening would pose a problem to surrounding devices



Features and benefits

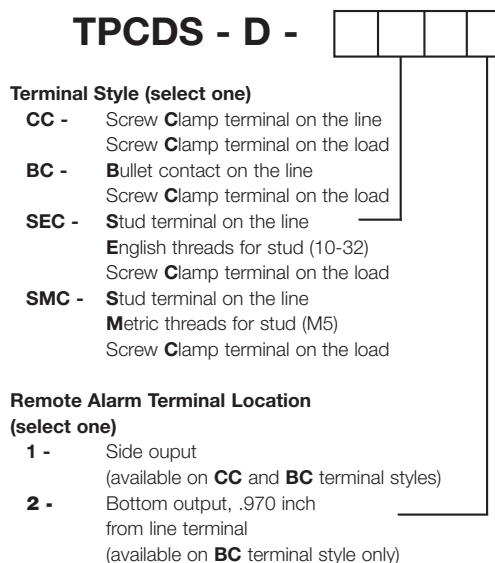
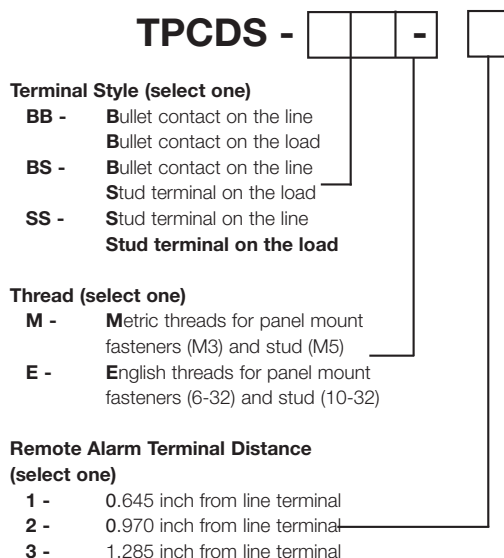
- Highest interrupting rating (100kA) available and complete system coordination for DC circuit protection for compact footprint providing a superior protection solution for replacement of existing DC telecom circuit breakers
- AmpColor ID™ System makes fuse replacement easy
- Local and remote open fuse indication. Local alarm indication provided by LED on TPC fuse
- Remote alarm terminal available in three positions common to DC circuit protection devices

Catalog numbers

| TPCS disconnect switch | | TPC current-limiting fuse | |
|------------------------|-----------|---------------------------|------------|
| Catalog numbers | Amp range | Catalog numbers | Amp rating |
| TPCDS-BBE-1 | 3-125 | TPC-3 | 3 |
| TPCDS-BBE-2 | 3-125 | TPC-4 | 4 |
| TPCDS-BBE-3 | 3-125 | TPC-5 | 5 |
| TPCDS-BBM-1 | 3-125 | TPC-6 | 6 |
| TPCDS-BBM-2 | 3-125 | TPC-7 | 7 |
| TPCDS-BBM-3 | 3-125 | TPC-8 | 8 |
| TPCDS-BSE-1 | 3-125 | TPC-10 | 10 |
| TPCDS-BSE-2 | 3-125 | TPC-12 | 12 |
| TPCDS-BSE-3 | 3-125 | TPC-15 | 15 |
| TPCDS-BSM-1 | 3-125 | TPC-20 | 20 |
| TPCDS-BSM-2 | 3-125 | TPC-25 | 25 |
| TPCDS-BSM-3 | 3-125 | TPC-30 | 30 |
| TPCDS-SSE-1 | 3-125 | TPC-40 | 40 |
| TPCDS-SSE-2 | 3-125 | TPC-50 | 50 |
| TPCDS-SSE-3 | 3-125 | TPC-60 | 60 |
| TPCDS-SSM-1 | 3-125 | TPC-75 | 75 |
| TPCDS-SSM-2 | 3-125 | TPC-90 | 90 |
| TPCDS-SSM-3 | 3-125 | TPC-100 | 100 |
| TPCDS-D-BC1* | 3-125 | TPC-125 | 125 |
| TPCDS-D-BC2* | 3-125 | | |
| TPCDS-D-CC1* | 3-125 | | |
| TPCDS-D-SEC1* | 3-125 | | |
| TPCDS-D-SEC2* | 3-125 | | |
| TPCDS-D-SMC1* | 3-125 | | |
| TPCDS-D-SMC2* | 3-125 | | |

*Not investigated to Canadian requirements.

TPCDS catalog number system



TPM and TPMDS

Specifications

Description:

— TPM:

Telepower miniature current-limiting fuses.

— TPMDS:

Telepower miniature fused disconnect switch.



Dimensions: See Data Sheet 5022.

Ratings:

Volts: — 80Vdc

Amps: — 3-30A

IR: — 20kA

Agency information: CE, UL Recognized (investigated to UL 1801) as a disconnect switch for the interruption of load current by means of withdrawing the fuse pullout. Recognized to US and Canadian requirements under the component recognition program of Underwriters Laboratories Inc. Files E219046 and E56412.

Flammability ratings: Fuse UL 94V0, 170°C RTI; Switch UL 94V0, 140°C RTI.

Features and benefits

- Smallest and most versatile fused disconnect switch available allowing for assembly into 1 U (1.75"/44.5mm) panel. Easy to connect; Load: ¼" quick-connect or bolted connection with 10-32 (M5) captive nut, Line: ¼" quick-connect or screw connection with clearance hole for #10 (M5) bolt.
- AmpColor ID™ System makes fuse replacement easy
- Switch design provides for easy panel mounting by single captive 4-40 (M3) nut and panel notch integral to switch footprint.
- Complete system coordination capability with local and remote open fuse indication. Local alarm indication provided by LED on TPM fuse (maximum alarm circuit current: 20mA)

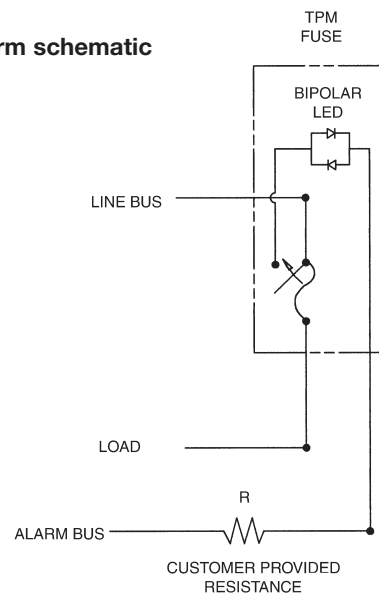
Typical applications

- Telecommunications DC power circuit protection
- Applications with restricted space, or mounting in 1 U panels

Catalog numbers

| Catalog numbers | Description | Amp rating |
|-----------------|------------------------------|------------|
| TPM-3 | Fuse | 3 |
| TPM-4 | Fuse | 4 |
| TPM-5 | Fuse | 5 |
| TPM-6 | Fuse | 6 |
| TPM-7 | Fuse | 7 |
| TPM-8 | Fuse | 8 |
| TPM-10 | Fuse | 10 |
| TPM-12 | Fuse | 12 |
| TPM-15 | Fuse | 15 |
| TPM-20 | Fuse | 20 |
| TPM-25 | Fuse | 25 |
| TPM-30 | Fuse | 30 |
| TPMDS-E | Disconnect, English hardware | 3-30 |
| TPMDS-M | Disconnect, metric hardware | 3-30 |

TPM alarm schematic



Notes:

1. The resistance, R, must be provided by the end-user to limit the alarm output current to a maximum of 20mA. The value, R, should be calculated using the system voltage value.
 - If remote alarm functionality is not required, the END-USER CIRCUITRY must still be supplied to provide a resistive path to the return for the local alarm to properly function.
2. The fuse is polarized to maintain proper orientation with the switch housing. The line and load terminals are identified on the switch housing.

TP15900-4**Specifications**

Description: 4-pole disconnect switch for use with Telepower fuses Type TPA and TPA-B.

Dimensions: See dimensions illustrations.

Ratings:

Volts: — 145Vdc@40A per pole

— 80Vdc@50A per pole

Agency information: CE, UL Recognized File E97649 as a disconnect switch for interruption of load current by means of withdrawing the fuse carrier. UL Recognized as a component for telecommunication power distribution equipment (UL category QPQY2). UL Recognized fuses for branch circuit protection. CSA Component Acceptance for the system.

Flammability rating: UL 94V0, 140°C.

**Features and benefits**

- Ease of installation - connection directly to busbar, reduces external wiring per pole. Rear accessibility for line and load terminations
- LED alarm signaling (LED current 30mA max)
- Local and remote open-fuse indication along with fuse orientation rejection feature and fuse presence indication
- Alarm test probe point, to allow on-site checking of alarm circuitry

Typical applications

- Telecommunications DC power circuit protection

Catalog numbers**Catalog****numbers Description**

TP15900-4 4-pole common disconnect switch

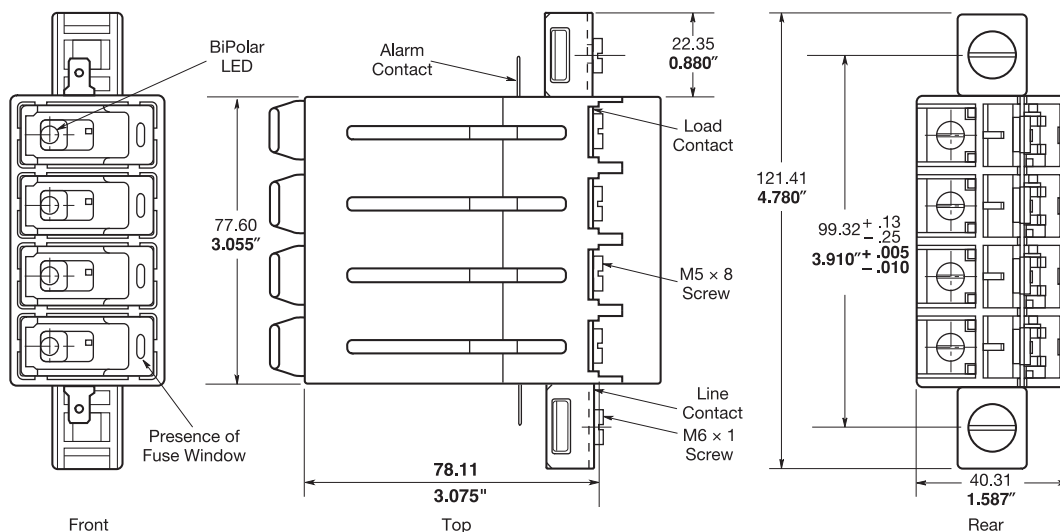
TP15900-41 4-pole common disconnect switch w/ split alarm, split line

Available fuses

| Product | Ratings (amps) | Volts (Vdc) | IR |
|---------|----------------------------------|-------------|-------|
| TPA | 3, 5, 10, 15, 20, 25, 30, 40, 50 | 170 | 100kA |
| TPA-B | 20, 25, 30 | 65 | 20kA |

Accessories

- Spare fuse holders: catalog numbers 5TPH and TPSFH-AS.

Dimensions - mm (in)

15800

Specifications

Description: Fused disconnect switch for use only with the following fuses;

Main: Telepower TPS 1 to 70 Amp.

Alarm: Bussmann series GMT-A only (page 13-13). Recommend GMT-X Cover (page 13-13).

Dimensions: See dimensions illustration.

Ratings:

Volts: — 60Vdc

Amps: — 3-70A

SCCR: — 100kA

Agency information: CE, UL Recognized, Guide QPQY2, File E97649.

Flammability rating: UL 94V0, 150°C.

Features and benefits

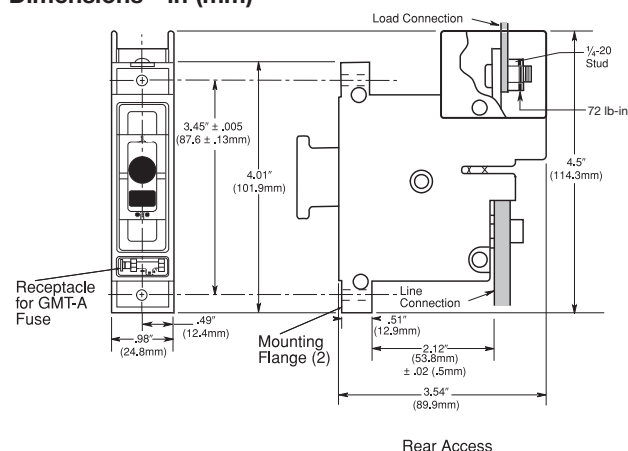
- Alarm output with wire wrap terminal or connection to 0.063" thick common alarm bus
- Spare alarm and power fuse compartment
- Mounting hardware included

Typical applications:

- Telecommunications DC power circuit protection

Catalog numbers

| Catalog numbers | Access panel mounting |
|-----------------|-----------------------|
| 15800-R-200 | Rear |
| 15800-F-200 | Front |

Dimensions - in (mm)**Accessories**

- Spare fuse holders: catalog numbers TPSFH-AS (TPS fuses) and TPSFH-T (GMT fuses).

Data Sheet: 5002

TPS

Specifications

Description: DC power distribution non-indicating fuses specifically designed to meet the unique needs

of DC power distribution systems. For use with Bussmann series fused disconnect switch 15800.

Dimensions: See dimensions illustration.

Ratings:

Volts: — 170Vdc

Amps: — 1-70A

IR: — 100kA

Agency information: CE, UL Recognized, Guide JFHR2, File E56412, RoHS compliant.

Features and benefits

- The UL Recognized ratings and current-limiting capability make this fuse ideal for cable protection on existing DC power distribution systems
- A unique blue label is used on all Telepower fuses to designate their DC capability
- Printed circuit board variations available

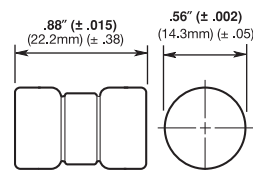
Typical applications

- Telecommunications DC power circuit protection
- Applications requiring printed circuit board mounting

Catalog numbers (amps)

| | | | |
|--------|---------|---------|----------|
| TPS-1 | TPS-6L | TPS-30 | TPS-50V |
| TPS-1L | TPS-10 | TPS-30L | TPS-60 |
| TPS-2 | TPS-10L | TPS-35 | TPS-60L |
| TPS-2L | TPS-15 | TPS-35L | TPS-70 |
| TPS-3 | TPS-15L | TPS-40 | TPS-70L |
| TPS-3L | TPS-20 | TPS-40L | TPS-70LB |
| TPS-5 | TPS-20L | TPS-40V | |
| TPS-5L | TPS-25 | TPS-50 | |
| TPS-6 | TPS-25L | TPS-50L | |

Suffix: L = PCB tab V = Vertical PCB tab LB = Bolt tag

Dimensions - in (mm)**Accessories**

- Spare fuse holder: TPSFH-AS, see page 15-6.

Data Sheet: 5009



RoHS

TP158HC**Specifications**

Description: Panel mount, rear access high amp version of Bussmann series 15800 fused disconnect switch for use only with the following fuses; Main: Telepower TPL-B 70-250 Amps, Alarm: Bussmann series GMT-A.

Dimensions: See Data Sheet 5021.

Ratings:

Volts: — 80Vdc

Amps: — 70-250A

SCCR: — 100kA

Agency information: UL Recognized (investigated to UL 1801) as a disconnect switch for the interruption of load current by means of withdrawing the fuse pullout. Guide QPQY2, File E97649.

Flammability rating: UL 94V0, 150°C.

Features and benefits

- Similar profile, mounting method, and backplane configuration as 15800. The TP158HC can be installed into existing 15800 panels using the space of two 15800 disconnects
- Innovative new fuse pullout design eliminates need for tools to replace the Telepower type TPL-B fuse
- Alarm output with wire wrap terminal or connection to 0.063 inch (1.6mm) thick common alarm bus
- Hardware included: Load: washer, split lockwasher, and $\frac{5}{16}$ - 18 nut (metric-M8 x 1.25)

Typical applications:

- Telecommunications DC power circuit protection

Catalog numbers

| Catalog numbers | Hardware |
|-----------------|----------|
| TP158HC | English |
| TP158HC-M | Metric |

Accessories

- Spare fuse holders: TPSFH-LB (TPL-B fuses) and TPSFH-T (GMT fuses).

**Application notes**

- The line connection uses a $\frac{1}{4}$ -20 bolt (metric – M6X1) that threads into the line terminal. The line terminal is designed with a float of ± 0.02 " (± 0.50 mm) to allow for variation in the distance between the TP158HC mounting flange and the line busbar (see Dimensions). Equipment should be designed to eliminate any relative movement between the TP158HC mounting flange and the line busbar.
- The alarm circuit is not intended for precharging of capacitive circuits. Alarm circuit current 1A maximum.



Easy fuse replacement



15100

Specifications

Description: Fused disconnect system for use with Telepower fuses Type TPL.

Dimensions: See dimensions illustrations.

Ratings:

Volts: — 60Vdc

Amps: — 70-800A

SCCR: — 100kA

Agency information: CE, UL Recognized, Guide QPQY2, File E97649.

**Features and benefits**

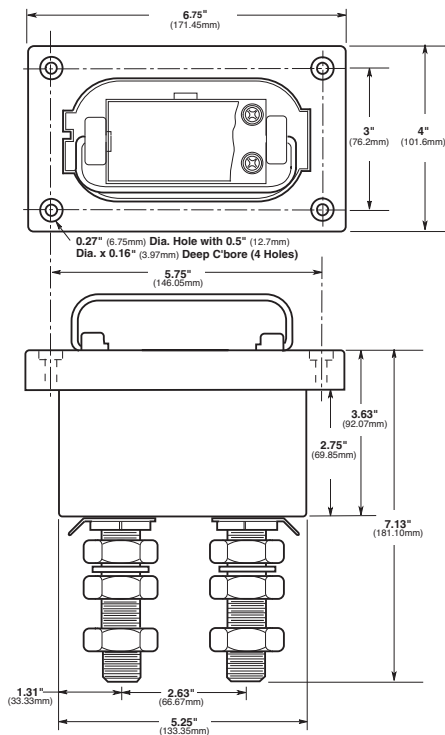
- Single-pole fusible disconnect switch for primary DC power distribution
- Robust housing and terminal construction for demanding applications
- Panel mounting
- Easily connected to line or load bus

Typical applications

- Telecommunications DC power circuit protection

Catalog numbers

| Catalog numbers | For use with TPL fuses |
|-----------------|------------------------|
| 15100-401 | 70-400A |
| 15100-601 | 300-800A |

Dimensions - in (mm)

Data Sheet: 5003

TPHCS

Specifications

Description: High current switch for use with Telepower fuses Type TPL-B, TPL-C and TPH.

Available as complete switch or pullout. Base may be purchased separately.

Dimensions: See dimensions illustrations.

Construction:

Ratings:

Volts: — 80Vdc

Amps: — 70-800A

SCCR: — 100kA

Agency information: UL Recognized (investigated to UL 1801) as a disconnect switch for the interruption of load current by means of withdrawing the fuse carrier. UL Recognized to meet the requirements for Canadian Standards.

Features and benefits

- Innovative design eliminates need for tools to replace the Telepower™ Type TPL-B, TPL-C or TPH fuse
- Easy to install—captive fasteners allow for direct busbar mounting (bolts not included). Standard ¼" male quick-connect terminal for effortless remote alarm connection.
- Optional new electronic alarm eliminates need for parallel indicating fuses while providing local and remote open-fuse indications (maximum remote alarm current: 20mA); Bipolar alarm: designed for both central office and Radio applications, Local LED alarm indication for ease-of-viewing.
- Fuse presence window allows for easy viewing of installed fuse amp rating

Typical applications

- Telecommunications DC power circuit protection
- Compact design is ideal for today's high power, high-density cabinets



TPHCS800-MAV (shown)

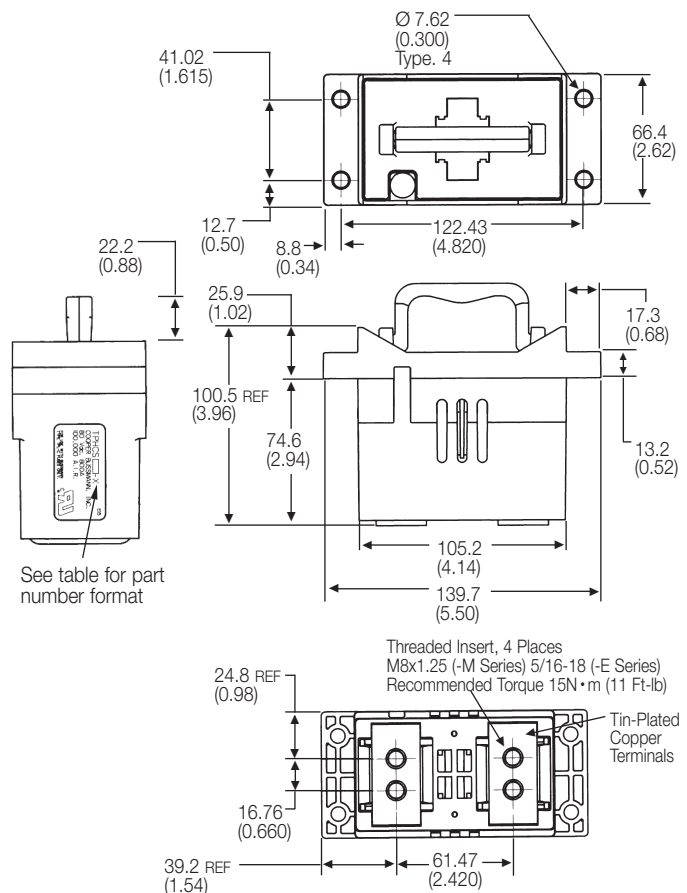
Catalog numbers – switches (pullout and base)

| Catalog numbers | Hardware/option | Fuse symbol | Amp rating |
|-----------------|-----------------|--------------|------------|
| TPHCS250-M | Metric | TPL-B | 70-250 |
| TPHCS250-E | English | TPL-B | 70-250 |
| TPHCS250-ML | Metric, LED | TPL-B | 70-250 |
| TPHCS250-EL | English, LED | TPL-B | 70-250 |
| TPHCS250-MAV | Metric, Alarm | TPL-B | 70-250 |
| TPHCS250-EAV | English, Alarm | TPL-B | 70-250 |
| TPHCS800-M | Metric | TPL-C or TPH | 300-800 |
| TPHCS800-E | English | TPL-C or TPH | 300-800 |
| TPHCS800-ML | Metric, LED | TPL-C or TPH | 300-800 |
| TPHCS800-EL | English, LED | TPL-C or TPH | 300-800 |
| TPHCS800-MAV | Metric, Alarm | TPL-C or TPH | 300-800 |
| TPHCS800-EAV | English, Alarm | TPL-C or TPH | 300-800 |

Catalog numbers – components

| Catalog numbers | Description rating/hardware/option | Fuse symbol | Amp rating |
|-----------------|------------------------------------|--------------|------------|
| TPHCS250-P | Pullout only – 250A | TPL-B | 70-250 |
| TPHCS800-P | Pullout only – 800A | TPL-C or TPH | 300-800 |
| TPHCS-B-M | Base only, metric | — | 800 max |
| TPHCS-B-E | Base only, English | — | 800 max |
| TPHCS-B-ML | Base only, metric, LED | — | 800 max |
| TPHCS-B-EL | Base only, English, LED | — | 800 max |
| TPHCS-B-MAV | Base only, metric, alarm | — | 800 max |
| TPHCS-B-EAV | Base only, English, alarm | — | 800 max |

Dimensions - mm (in)



NOTES:

1. TPHCS250 and TPHCS800 pullouts and bases are the same with exception to the type of fuse, TPL-B, TPL-C or TPH the pullout will carry.
2. Plastic rated UL 94V0, 140°C RTI.

TPL

Specifications

Description: DC power distribution fuses for use with Telepower 15100, 15200, TP158HC and TPHCS disconnect systems. For replacement of Bussmann series UBO fuses a TPL-TA adapter kit is necessary.

Dimensions: See dimensions illustrations.

Ratings:

Volts: — 170Vdc
Amps: — 70-800A
IR: — 100kA

Agency information: CE, UL Recognized Guide JFHR2, File E56412 Bellcore.

Features and benefits

- Current-limiting capability designed for DC power distribution systems
- Recognized branch circuit protection
- Complete system coordination capability
- Energy savings with low watts loss, low operating temperatures, and minimum I^2t levels

Typical applications

- Telecommunications power circuit protection

Catalog numbers

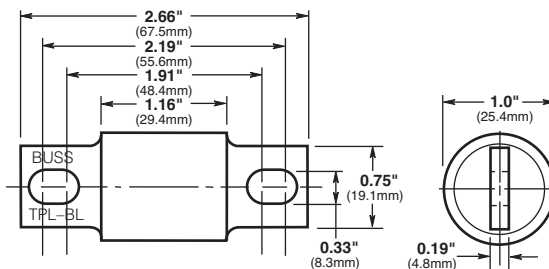
| Catalog numbers | Amp rating |
|-----------------|------------|
| TPL-BA | 70 |
| TPL-BB | 80 |
| TPL-BC | 90 |
| TPL-BD | 100 |
| TPL-BE | 125 |
| TPL-BF | 150 |
| TPL-BG | 175 |
| TPL-BH | 200 |
| TPL-BK | 225 |
| TPL-BL | 250 |
| TPL-CN | 300 |
| TPL-CO | 350 |
| TPL-CR | 400 |
| TPL-CU | 450 |
| TPL-CV | 500 |
| TPL-CZ | 600 |
| TPL-CZH | 800 |

Accessories

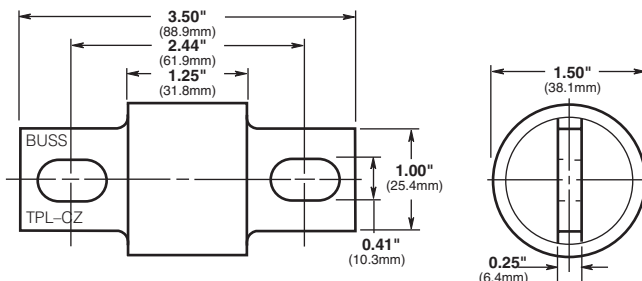
- Spare fuse holders: TPSFH-LB (for TPL-B fuses)
TPSFH-LC (for TPL-C fuses)



Dimensions - in (mm)



TPL-BA, TPL-BD, TPL-BF, TPL-BH, TPL-BK, and TPL-BL



TPL-CN, TPL-CR, TPL-CV and TPL-CZ

TPN**Specifications****Description:**

Current-limiting DC power distribution fuses.

The TPN fuse is dimensionally similar to Class R fuses making it easy to use standard Class R fuse blocks.

Dimensions: See dimensions illustrations.

Ratings:

Volts: — 170Vdc

Amps: — 1-600A

IR: — 100kA

Agency information: UL Recognized, Guide JFHR2, File E56412.

Features and benefits

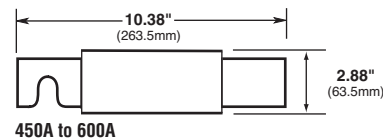
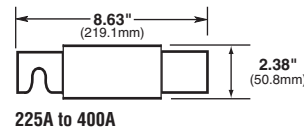
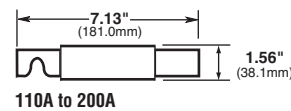
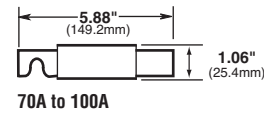
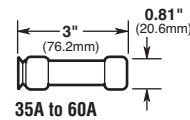
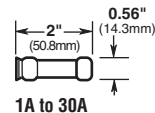
- Current-limiting capability designed for DC power distribution systems
- Recognized branch circuit protection
- Complete system coordination capability
- Energy savings with low watts loss, low operating temperatures, and minimum I²t levels

Typical applications

- Telecommunications power circuit protection

Catalog numbers (amps)

| | | |
|--------|---------|---------|
| TPN-1 | TPN-45 | TPN-200 |
| TPN-3 | TPN-50 | TPN-225 |
| TPN-5 | TPN-60 | TPN-250 |
| TPN-6 | TPN-70 | TPN-300 |
| TPN-10 | TPN-80 | TPN-350 |
| TPN-15 | TPN-90 | TPN-400 |
| TPN-20 | TPN-100 | TPN-450 |
| TPN-25 | TPN-110 | TPN-500 |
| TPN-30 | TPN-125 | TPN-600 |
| TPN-35 | TPN-150 | |
| TPN-40 | TPN-175 | |

**Dimensions - in (mm)****Accessories**

- Spare fuse holders:TPSFH-N30 (for TPN 1-30) TPSFH-N60 (for TPN 35-60)

Recommended Class R fuse blocks

| Amps | Poles | Catalog number |
|---------|-------|----------------|
| 1-30 | 1 | RM25030-1CR |
| 1-30 | 2 | RM25030-2CR |
| 1-30 | 3 | RM25030-3CR |
| 35-60 | 1 | RM25060-1CR |
| 35-60 | 2 | RM25060-2CR |
| 35-60 | 3 | RM25060-3CR |
| 70-100 | 1 | RM25100-1CR |
| 70-100 | 2 | RM25100-2CR |
| 70-100 | 3 | RM25100-3CR |
| 110-200 | 1 | RM25200-1CR |
| 110-200 | 3 | RM25200-3CR |
| 225-400 | 1 | RM25400-1CR |
| 225-400 | 3 | RM25400-3CR |
| 450-600 | 1 | RM25600-1CR |
| 450-600 | 3 | RM25600-3CR |

70 Type

Specifications

Description: Indicating type fuse.

Ratings:

Volts: — 125Vac/300Vdc

Amps: — 1/10-10A

IR: — 1kA @ 300Vdc

Agency information: CE, UL Recognized, Guide JDYX2, File E19180 Bellcore.

Catalog numbers

| Catalog numbers | Amp rating | Color code | Lucent comcode ref. no. | Code/ list no. |
|-----------------------|------------|------------|-------------------------|----------------|
| 70P-1/10A* | 1/10 | Gray/Wh | 100203413 | KS23751-L10 |
| 70R-15/100A* | 15/100 | Red/Wh | 101384550 | KS23751-L11 |
| 70E-18/100A* | 18/100 | Yellow | 100203363 | KS23751-L5 |
| 70X-2/10A | 2/10 | Black | — | — |
| 70F-1/4A* | 1/4 | Violet | 100203371 | KS23751-L6 |
| 70K-1/4A* | 1/4 | Violet/Wh | 100203405 | KS23751-L9 |
| 70G-1/2A* | 1/2 | Red | 100203389 | KS23751-L7 |
| 70H-3/4A* | 3/4 | Brown | 100203397 | KS23751-L8 |
| 70I-1A | 1 | Pink | — | — |
| 70A-1 1/8A*† | 1 1/8 | White | 100203322 | KS23751-L1 |
| 70B-2A* | 2 | Orange | 100203330 | KS23751-L2 |
| 70C-3A* | 3 | Blue | 100203348 | KS23751-L3 |
| 70J-3 1/2A | 3 1/2 | Black/Wh | — | — |
| 70D-5A* | 5 | Grn/Blk | 100203355 | KS23751-L4 |
| 70L-6A | 6 | Grn/Wh | — | — |
| 70M-8A | 8 | Brown/Wh | — | — |
| 70N-10A | 10 | Violet/Yel | — | — |
| GKB-10A | 10 | Violet/Yel | — | — |
| 72A Plastic CaseDummy | — | — | 100203421 | — |
| 72B Blister PackDummy | — | — | 103757977 | — |

*Product designed to comply with Bellcore Technical Reference TR-TSY-000799 Issue 1, December 1988.

†Not UL Recognized.



15087 fuse holder

Specifications

Description: Fuse holder for 70 type fuses.

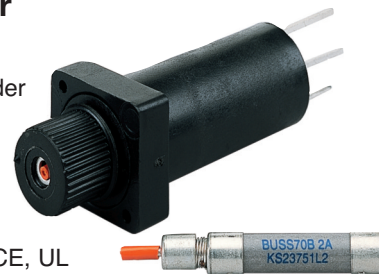
Ratings:

Volts: — 300Vdc

Amps: — 12A

Agency information: CE, UL Recognized, Guide IZLT2, File E14853.

Flammability rating: UL 94V0.



Features and benefits

- Panel mount fuse holder for 70 type fuses supplied with two screws
- Remote alarm capability

Typical applications

- Telecommunications DC power circuit protection

Catalog number — 15087

Accessories

Description: Optional color code eyelets used with fuse holder to indicate fuse amp rating.

Eyelet catalog numbers

| Amp indication | Color code | Catalog numbers |
|----------------|---------------|-----------------|
| 15/100 | Red/White | 1A1706-17 |
| 18/100 | Yellow | 1A1706-01 |
| 1/10 | Gray/White | 1A1706-15 |
| 2/10 | Black | 1A1706-02 |
| 1/4 | Violet | 1A1706-03 |
| 1/4 | Violet/White | 1A1706-04 |
| 1/2 | Red | 1A1706-05 |
| 3/4 | Brown | 1A1706-06 |
| 1 | Pink | 1A1706-07 |
| 1 1/8 | White | 1A1706-08 |
| 2 | Orange | 1A1706-09 |
| 3 | Blue | 1A1706-10 |
| 3 1/2 | Black/White | 1A1706-16 |
| 5 | Green/Black | 1A1706-11 |
| 6 | Green/White | 1A1706-12 |
| 8 | Brown/White | 1A1706-13 |
| 10 | Violet/Yellow | 1A1706-14 |

HLS, HLT, PCT**Specifications**

Description: Fuse holders for GMT indicating fuses.

Poles: 01 to 25.

Ratings:

Volts: — 60Vdc/125Vac

Agency information:

CE, UL Recognized,
Guide IZLT2, File
E14853, 15A (60Vdc).

Flammability rating:

UL 94V0.

Features and benefits

- Multiple configurations provide application flexibility
- Compact size saves space

Typical applications

- Telecommunications DC power circuit protection

Catalog numbers

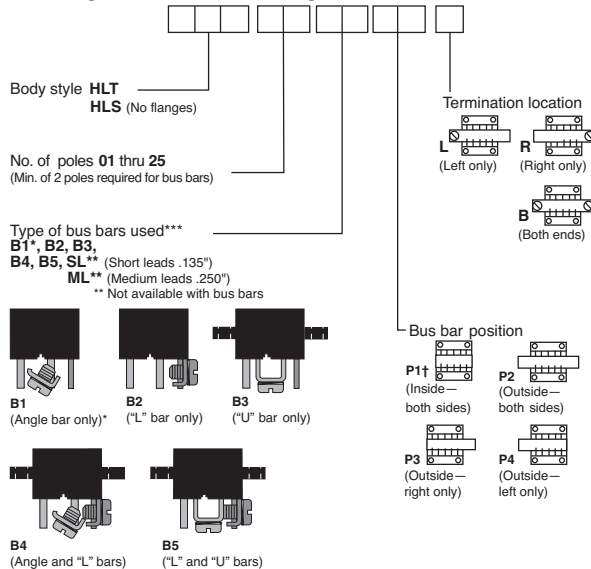
| Catalog numbers | Poles |
|-----------------|-----------------------|
| PCT | 1 |
| HLS | 1-25 see build-a-code |
| HLT | 1-25 see build-a-code |



GMT - Dummy



GMT - A (Alarm)

Multiple fuse holders with bus bars
Ordering information— catalog no.


*Angle bar mounts on common or center terminals only.

**SL version is not available with bus bars.

†Minimum of 4-poles required.

***0.38 max. leads if not specified.

Data Sheet: 5010

GMT**Specifications**

Description: Fast-acting fuses for use in HLT, HLS, and PCT fuse holders.

Ratings:

Volts: — 60Vdc/125Vac

Amps: — $\frac{18}{100}$ -15A

IR: — 450A@60Vdc

— 300A@125Vac

Agency information: CE, UL Recognized, Guide JFHR2, File E56412.

Flammability rating: UL 94V0.

Features and benefits

- Local and remote indication capability
- Color coded for easy amp rating identification

Typical applications

- Telecommunications DC power circuit protection

Catalog numbers

| Catalog numbers | Color code | Catalog numbers | Color code |
|------------------------|--------------|------------------------|-------------------|
| GMT- $\frac{1}{100}$ A | Yellow | GMT-3- $\frac{1}{2}$ A | White/Blue |
| GMT- $\frac{1}{4}$ A | Violet | GMT-4A | White/Brown |
| GMT- $\frac{1}{2}$ A | Green/Gray | GMT-5A | Green |
| GMT- $\frac{3}{4}$ A | Red | GMT-7- $\frac{1}{2}$ A | Black/White |
| GMT- $\frac{5}{8}$ A | Black | GMT-10A | Red/White |
| GMT- $\frac{3}{4}$ A | Brown | GMT-12A | Yellow/Green |
| GMT-1A | Gray | GMT-15A | Red/Blue |
| GMT-1- $\frac{1}{2}$ A | White | GMT-Dummy | Gray body |
| GMT-1- $\frac{1}{2}$ A | White/Yellow | GMT-X | Clear cover |
| GMT-2A | Orange | GMT-Y | Clear cover w/tab |
| GMT-3A | Blue | | |

Some GMT sizes may be sold in bulk pack only.

Accessories

- Spare fuse holder: catalog number TPSFH-T

GMT-A**Specifications**

Description: Fast-acting fuse designed specifically for use in the Telepower 15800 (page 13-6) and TP158HC (page 13-7) fused disconnect switches.

Agency information: The GMT-A has the same ratings and agency approvals as the standard GMT fuses as shown above.

Catalog numbers

| Catalog number | Color code |
|----------------|------------|
| GMT-A | Yellow |

Data Sheet: 5008

7 Type

Specifications

Description: Fiber tube, threaded ends. Typically used on wall type main distribution frames and central battery substations.

Dimensions: See catalog numbers table and dimensions illustration.

Ratings:

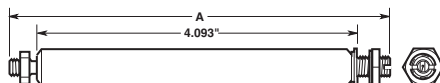
Amps: — 7A

Agency information: CE

Catalog numbers

| Catalog numbers | Amp rating | Lucent comcode ref. no. | Dimension A length (in) |
|-----------------|------------|-------------------------|-------------------------|
| 7A-7 | 7 | 100863737 | 4.562 |
| 7T-7 | 7 | 100202753 | 4.828 |

Dimensions - in



11 Type

Specifications

Description: Fiber tube, threaded ends, identical to 7 Type except for vent slots in fiber tube.

Dimensions: See dimensions illustration.

Ratings:

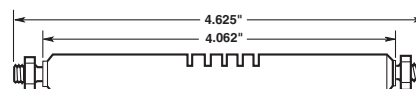
Amps: — 7A

Agency information: CE

Catalog number

| Catalog number | Amp rating | Lucent comcode ref. no. |
|----------------|------------|-------------------------|
| 11C-7 | 7 | 100863745 |

Dimensions - in



24 and WER Type

Specifications

Description: Flat, non-indicating visible link element mounted on 1 inch centers using either No. 6 or No. 10 screws.

Dimensions: See dimensions illustration.

Ratings:

Volts: — 32Vdc ($\frac{1}{4}$, 1, 3 $\frac{1}{2}$, 8, 10A)
— 60Vdc ($\frac{1}{2}$, $\frac{3}{4}$, 1 $\frac{1}{2}$, 2, 3, 4, 5A)

Amps: — $\frac{1}{4}$ -10A

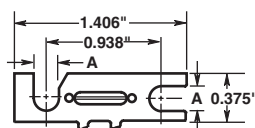
Agency information: CE, UL Recognized File E56412.

Catalog numbers

| Catalog numbers | Amp rating | DC volts | Color code | Lucent comcode ref. no. | A length inches |
|------------------------|-----------------|----------|------------|-------------------------|-----------------|
| WER- $\frac{1}{4}$ | $\frac{1}{4}$ | 32 | — | — | — |
| 24E- $\frac{1}{2}$ * | $\frac{1}{2}$ | 60 | Red | 100202894 | 0.20 |
| 24D- $\frac{3}{4}$ * | $\frac{3}{4}$ | 60 | Black | 100202886 | 0.15 |
| WER-1 | 1 | 32 | — | — | — |
| 24G-1- $\frac{1}{2}$ * | 1 $\frac{1}{2}$ | 60 | White | 100202910 | 0.20 |
| 24C-2* | 2 | 60 | Orange | 100202878 | 0.20 |
| 24B-3* | 3 | 60 | Blue | 100202852 | 0.15 |
| WER-3- $\frac{1}{2}$ | 3 $\frac{1}{2}$ | 32 | — | — | — |
| 24B-4* | 4 | 60 | Yellow | 100202860 | 0.15 |
| 24F-5* | 5 | 60 | Green | 100202902 | 0.15 |
| WER-8 | 8 | 32 | — | — | — |
| WER-10 | 10 | 32 | — | — | — |

*Designed to comply with Bellcore Technical Reference TR-TSY-000799 Issue 1, Dec. 1988.

Dimensions - in



74 Type

Specifications

Description: Fast-acting 0.281" x 1.25" cylindrical fuse designed to comply with Lucent specification KS23753. High current companion to 70 Type fuse.

Dimensions: See dimensions illustration.

Ratings:

Volts: — 60Vdc

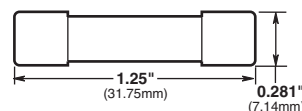
Amps: — 1 $\frac{1}{4}$ -20A

Agency information: CE, UL Recognized File E19180.

Catalog numbers

| Catalog numbers | Amp rating | Lucent comcode ref. no. | Code/ list no. |
|----------------------|-----------------|-------------------------|----------------|
| 74A-1- $\frac{1}{4}$ | 1 $\frac{1}{4}$ | 102630290 | KS23753-L1 |
| 74G-2 | 2 | 103064952 | KS23753-L7 |
| 74B-3 | 3 | 102630308 | KS23753-L2 |
| 74H-4 | 4 | 103264669 | KS23753-L8 |
| 74C-5 | 5 | 102630316 | KS23753-L3 |
| 74J-7- $\frac{1}{2}$ | 7 $\frac{1}{2}$ | 103228425 | KS23753-L9 |
| 74D-10 | 10 | 102630324 | KS23753-L4 |
| 74E-15 | 15 | 102630332 | KS23753-L5 |
| 74F-20 | 20 | 102630340 | KS23753-L6 |

Dimensions - in (mm)



75 Type**Specifications**

Description: Cylindrical with leads, designed to provide protection against currents resulting from the application of foreign voltages. Application for data sets and telephones.

Dimensions: See dimensions illustration.

Ratings:

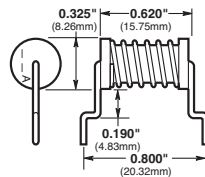
Volts: — 135Vac/220Vdc (440Vdc@0.007A)

Amps: — 0.007-0.230A

Agency information: CE

Catalog numbers

| Catalog numbers | Amp rating | Lucent comcode ref. no. | Code/ list no. |
|-----------------|------------|-------------------------|----------------|
| 75C | 0.007 | 103260816 | KS23825-L3 |
| 75F | 0.063 | 104172861 | KS23825-L6 |
| 75B | 0.115 | 102732112 | KS23825-L2 |
| 75D | 0.129 | 104013180 | KS23825-L4 |
| 75A | 0.200 | 102660008 | KS23825-L1 |
| 75E | 0.230 | 104015292 | KS23825-L5 |

Dimensions - in (mm)**76 Type****Specifications**

Description: Cylindrical with leads, designed to provide protection against currents resulting from the application of foreign voltages. Application for data sets and telephones.

Dimensions: See dimensions illustration.

Ratings:

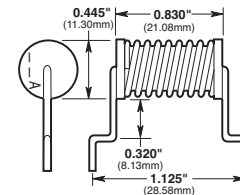
Volts: — 135Vac/440Vdc

Amps: — 0.012-0.412A

Agency information: CE

Catalog numbers

| Catalog numbers | Amp rating | Lucent comcode ref. no. | Code/ list no. |
|-----------------|------------|-------------------------|----------------|
| 76D | 0.012 | 103798245 | KS23825-L10 |
| 76B | 0.191 | 102965688 | KS23825-L8 |
| 76A | 0.231 | 102810181 | KS23825-L7 |
| 76C | 0.412 | 103656625 | KS23825-L9 |

Dimensions - in (mm)**80 Type****Specifications**

Description: A fuse designed for high reliability applications where high ambient temperatures, low circuit voltages, low power dissipation and low contact resistance are prime considerations. The 80 Type is a visual indicating fuse with remote electrical alarm capability. UL Recognized, Guide JDYX2, File E19180.

Dimensions: See dimensions illustrations.

Ratings:

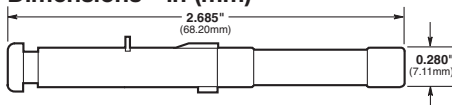
Volts: — 160Vdc

Amps: — ½-5A

Agency information: CE, UL Recognized File E19180.

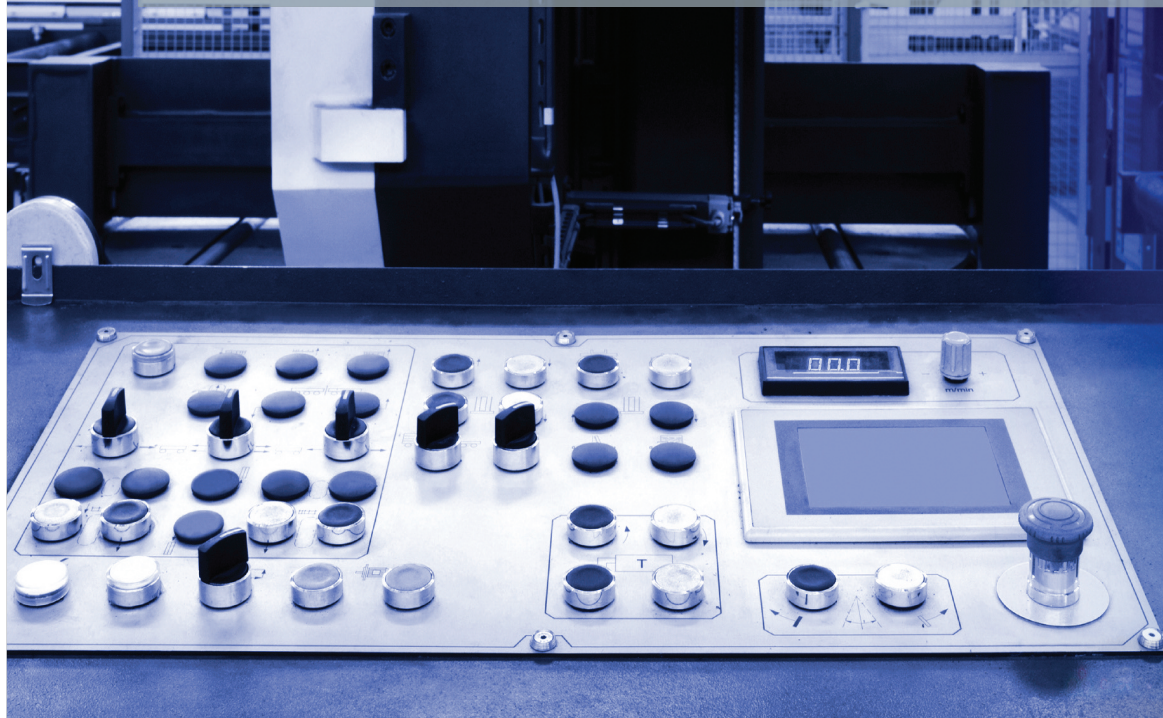
Catalog numbers

| Catalog numbers | Amp rating | Color code | Lucent comcode ref. no. | Code/ list no. |
|-----------------|------------|------------|-------------------------|----------------|
| 80G-½ | ½ | Red | 103839916 | KS23824-L6 |
| 80M-1-½ | 1½ | White | 408078657 | KS23824-L8 |
| 80B-2 | 2 | Orange | 103752150 | KS23824-L2 |
| 80C-3 | 3 | Blue | 103752168 | KS23824-L3 |
| 80D-5 | 5 | Green | 103800637 | KS23824-L4 |

Dimensions - in (mm)

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