

Telpower® Compact Fused Disconnect Switch

TPC & TPCDS

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TPCDS - Telpower® Compact Fused Disconnect Switch

TPC - Telpower® Compact Fuse - Current Limiting

Ampere Ratings: 3-125A

Available Ratings: 3, 4, 5, 6, 7, 8, 10, 12, 15, 20, 25, 30, 40, 50, 60, 75, 90, 100, 125A

Voltage Rating: 80Vdc

Interrupting Rating: 100,000A

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 U.S. and Canadian requirements under the component recognition program of Underwriters Laboratories Inc.

Files E219046 and E56412.



General Information:

- Fusible solution for replacement of existing dc Telecom circuit breakers.
- Compact size fused disconnect switch.
- AmpColor ID™ System for easy fuse replacement.
- Available in two disconnect switch profiles in addition to a variety of terminal styles.
- Local and remote open fuse indication.
Local alarm indication provided by LED on TPC fuse.
- Remote alarm terminal available in three positions commonly found in dc circuit protection devices.
- Recommended .75 inch center-to-center product spacing.
- Current-limiting capability
- Complete system coordination capability.
- Highest interrupting rating (100,000A) available for dc circuit protection of this footprint.
- No venting of arc or molten metals and gases during fuse opening.
- Fuse material: Black thermoplastic, UL rated 94 V-O, 170° C RTI.
- Housing material: Black thermoplastic, UL rated 94 V-O, 120° C RTI.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering for more information.

Catalog Number	Description	Ampere Rating
TPC-3	Compact Fuse	3A
TPC-4	Compact Fuse	4A
TPC-5	Compact Fuse	5A
TPC-6	Compact Fuse	6A
TPC-7	Compact Fuse	7A
TPC-8	Compact Fuse	8A
TPC-10	Compact Fuse	10A
TPC-12	Compact Fuse	12A
TPC-15	Compact Fuse	15A
TPC-20	Compact Fuse	20A
TPC-25	Compact Fuse	25A
TPC-30	Compact Fuse	30A
TPC-40	Compact Fuse	40A
TPC-50	Compact Fuse	50A
TPC-60	Compact Fuse	60A
TPC-75	Compact Fuse	75A
TPC-90	Compact Fuse	90A
TPC-100	Compact Fuse	100A
TPC-125	Compact Fuse	125A
TPCDS-BBE-1	Compact Disconnect	3-125A
TPCDS-BBE-2	Compact Disconnect	3-125A
TPCDS-BBE-3	Compact Disconnect	3-125A
TPCDS-BBM-1	Compact Disconnect	3-125A
TPCDS-BBM-2	Compact Disconnect	3-125A
TPCDS-BBM-3	Compact Disconnect	3-125A
TPCDS-BSE-1	Compact Disconnect	3-125A
TPCDS-BSE-2	Compact Disconnect	3-125A
TPCDS-BSE-3	Compact Disconnect	3-125A
TPCDS-BSM-1	Compact Disconnect	3-125A
TPCDS-BSM-2	Compact Disconnect	3-125A
TPCDS-BSM-3	Compact Disconnect	3-125A
TPCDS-SSE-1	Compact Disconnect	3-125A
TPCDS-SSE-2	Compact Disconnect	3-125A
TPCDS-SSE-3	Compact Disconnect	3-125A
TPCDS-SSM-1	Compact Disconnect	3-125A
TPCDS-SSM-2	Compact Disconnect	3-125A
TPCDS-SSM-3	Compact Disconnect	3-125A
TPCDS-D-BC1*	Compact Disconnect	3-125A
TPCDS-D-BC2*	Compact Disconnect	3-125A
TPCDS-D-CC1*	Compact Disconnect	3-125A
TPCDS-D-SEC1*	Compact Disconnect	3-125A
TPCDS-D-SEC2*	Compact Disconnect	3-125A
TPCDS-D-SMC1*	Compact Disconnect	3-125A
TPCDS-D-SMC2*	Compact Disconnect	3-125A

*Not investigated to Canadian Requirements.

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Compact Fused Disconnect Switch

- Bullet and / or stud terminals for line and load connections (1.940 inch / 49.3 mm spacing).
- Front access with bullet terminals.
Rear access with stud terminals.
- Three terminal style configurations available (see below).
- Remote alarm terminal available in three positions common to dc circuit protection devices.

Part Number System --

Compact Fused Disconnect Switch

To identify part number, replace block with appropriate suffix to identify line and load terminals, thread type, and alarm terminal distance.

TPCDS - TELPOWER® Compact Fused Disconnect Switch



Terminal Style (select one)

- BB** - Bullet contact on the line
Bullet contact on the load
- BS** - Bullet contact on the line
Stud terminal on the load
- SS** - Stud terminal on the line
Stud terminal on the load

Thread (select one)

- M** - Metric threads for panel mount fasteners (M3) and stud (M5)
- E** - English threads for panel mount fasteners (6-32) and stud (10-32)

Remote Alarm Terminal Distance (select one)

- 1** - .645 inch from line terminal
- 2** - .970 inch from line terminal
- 3** - 1.285 inch from line terminal

DIN Rail Fused Disconnect Switch

- 35mm DIN rail mountable
- Front access.
- Three terminal style configurations available (see below).
- Screw clamp accepts 10 to 1 AWG (6mm² - 50mm²) wire.
- Two remote alarm terminal positions available.

Part Number System --

DIN Rail Fused Disconnect Switch

To identify part number, replace block with appropriate suffix to identify line and load terminals, thread type if applicable, and alarm terminal option.

TPCDS - TELPOWER® Compact Fused Disconnect Switch **D** - DIN-Rail style product



Terminal Style (select one)

- CC** - Screw Clamp terminal on the line
Screw Clamp terminal on the load
- BC** - Bullet contact on the line
Screw Clamp terminal on the load
- SEC** - Stud terminal on the line
English threads for stud (10-32)
Screw Clamp terminal on the load
- SMC** - Stud terminal on the line
Metric threads for stud (M5)
Screw Clamp terminal on the load

Remote Alarm Terminal Location (select one)

- 1** - Side output
(available on **CC** and **BC** terminal styles)
- 2** - Bottom output, .970 inch from line terminal
(available on **BC** terminal style only)

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