

TPC fuses and TPCDS pullout disconnects

Telpower TPC compact current-limiting fuses mount in the TPCDS compact fused pullout disconnect that's available in two disconnect profiles and a variety of terminal styles. Recommended 0.75" center-to-center product spacing.



Ratings

- Volts 80 Vdc
- Amps 3-125 A
- IR 100 kA

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

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

- Highest interrupting rating (100 kA) 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

TPC fuses

Catalog no. (amps)			
TPC-3	TPC-8	TPC-25	TPC-75
TPC-4	TPC-10	TPC-30	TPC-90
TPC-5	TPC-12	TPC-40	TPC-100
TPC-6	TPC-15	TPC-50	TPC-125
TPC-7	TPC-20	TPC-60	

TPCDS catalog number system

Catalog no. prefix			
TPCDS		TPCDS-D-	
Terminal style			
BB -	Bullet contact on the line, bullet contact on the load	CC -	Screw Clamp terminal on the line, screw Clamp terminal on the load
BS -	Bullet contact on the line, stud terminal on the load	BC -	Bullet contact on the line, screw Clamp terminal on the load
SS -	Stud terminal on the line, stud 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
Thread			
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			
1 -	0.645 inch from line terminal	1 -	Side output (available on CC and BC terminal styles)
2 -	0.970 inch from line terminal	2 -	Bottom output, .970 inch from line terminal (available on BC terminal style only)
3 -	1.285 inch from line terminal	—	

Catalog no.			
TPCDS-BBE-1	TPCDS-BSE-2	TPCDS-SSE-3	TPCDS-D-SEC1*
TPCDS-BBE-2	TPCDS-BSE-3	TPCDS-SSM-1	TPCDS-D-SEC2*
TPCDS-BBE-3	TPCDS-BSM-1	TPCDS-SSM-2	TPCDS-D-SMC1*
TPCDS-BBM-1	TPCDS-BSM-2	TPCDS-SSM-3	TPCDS-D-SMC2*
TPCDS-BBM-2	TPCDS-BSM-3	TPCDS-D-BC1*	
TPCDS-BBM-3	TPCDS-SSE-1	TPCDS-D-BC2*	
TPCDS-BSE-1	TPCDS-SSE-2	TPCDS-D-CC1*	

* Not investigated to Canadian requirements.

Dimensions

- See data sheet no. 5023