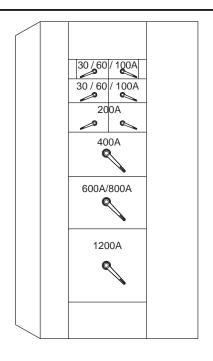


October 1997 Mailed to: E, D, C/29-600A

Type FDPW Fusible Panelboard **Switches**



Application

Type FDPW fusible panelboard switches are designed for commercial, industrial and service entrance applications to protect and switch feeder and branch circuits.

Description

Rating

(Amperes/Voltage) Type

Type FDPW fusible panelboard units incorporate special quick-make, quick-break switches, housed in sheet steel enclosures. The units are designed for installation in PRL4-F or the type CDP/FDP Distribution Panelboard chassis.

All FDPW switches have a maximum interrupting capacity of 200,000A rms symmetrical at 600V Ac. In addition, all switches have the maximum allowable horsepower ratings through 600A.

All switches have an interlock mechanism that prevents the switch cover from being opened with the switch mechanism in the "ON" position. The interlock may be defeated by qualified personnel.

These switches may be padlocked in the "ON" or "OFF" position. In addition, a cover interlock is provided for optimum security.

Unit | Horizontally

Mounted

Size

1	30-60 100A	30-60 100A	4X
36" Wide	10	0A	5X
.36′	20	0A	6X
	30-60 100A	30-60 100A	5X
	200A	200A	6X
ture	40	0A	9X
44" Wide Structure	600A	/800A	11X
44"	120	00A	15X

Horizontally Mounted Switches

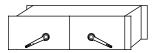
		, ,		
30	250 Ac or Dc	R	4X	Twin
	600 Ac	R, J	4X	Twin
60	250 Ac or Dc	R	4X	Twin
	600 Ac	R, J	4X	Twin
100	250 Ac or Dc	R	4X	Twin
	600 Ac	R, J	5X	Single or Twi
200	250 Ac or Dc	R, T	6X	Single or Twin
	600 Ac	R, J, T	6X	Single or Twin
400	250 Ac or Dc	R, T	9X	Single
	600 Ac	R, J, T	9X	Single
600	250 Ac or Dc	R, T	11X	Single
	600 Ac	R, J, T	11X	Single
800	250 Ac	T	11X	Single
	600 Ac	L, T	11X	Single
1200	250 Ac	T	15X	Single
	600 Ac	L	15X	Single

① 200A, 600V with Class R fuses available as a single unit only.

Υ

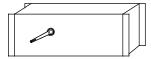
Switch Selection Guide

30A / 60A / 100A



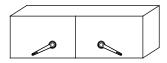
18" wide, 4X high

Rating		Fuse	Catalog Number	
Unit 1	Unit 2			
240 Volts	Ac or 250 Vo	lts Dc		
30	30	R	FDPWT3211R	
30	60	R	FDPWT3212R	
30	100	R	FDPWT3213R	
60	60	R	FDPWT3222R	
60	100	R	FDPWT3223R	
100	100	R	FDPWT3233R	
600 Volts	600 Volts Ac			
30	30	R	FDPWT3611R	
30	30	J	FDPWT3611J	
30	60	R	FDPWT3612R	
30	60	J	FDPWT3612J	
60	60	R	FDPWT3622R	
60	60	J	FDPWT3622J	



18" wide, 5X high

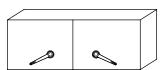
Rating	Fuse	Catalog Number
600 Volts Ac		
100	R	FDPWS363R



22" wide, 5X high

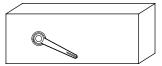
Rating		Fuse	Catalog Number
Unit 1	Unit 2	1	
600 Volts	Ac		
30	100	R	FDPWT3613R
60	100	R	FDPWT3623R
100	100	R	FDPWT3633R

200A



22" wide, 6X high

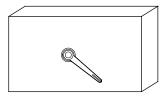
Rating		Fuse	Catalog Number	
Unit 1	Unit 2			
240 Volts	Ac or 250 Vo	lts Dc		
200	200	R	FDPWT3244R	
200	200	Т	FDPWT3244F	
600 Volts Ac				
200	200	J	FDPWT3644J	
200	200	T	FDPWT3644F	



18" wide, 6X high

Rating	Fuse	Catalog Number		
240 Volts Ac or 250 Volts Ac				
200	R	FDPWS324R		
600 Volts Ac				
200	R	FDPWS364R		
200	J	FDPWS364J		

400A



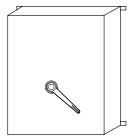
22" wide, 9X high

Rating	Fuse	Catalog Number	
240 Volts Ac or 250 Volts Ac			
400	R	FDPW325R	
400 (Main)	R	FDPW325MR	
600 Volts Ac			
400	R	FDPW365R	
400 (Main)	R	FDPW365MR	
400	J	FDPW365J	
400 (Main)	J	FDPW365MJ	



18" wide, 16X high - Top Feed Main

Rating	Fuse	Catalog Number		
240 Volts Ac or 250 Volts Ac				
400	R	FDPW325TR		
600 Volts Ac				
400	R	FDPW365TR		
400	J	FDPW365TJ		



18" wide, 16X high - Bottom Feed Main

Rating	Fuse	Catalog Number	
240 Volts Ac or 250 Volts Ac			
400	R	FDPW325BR	
600 Volts Ac			
400	R	FDPW365BR	
400	J	FDPW365BJ	

For cable-in/cable-out application of a branch switch, additional terminals are required. Order the following terminal kit: TA750FDPW Kit contains 3 terminals and hardware.

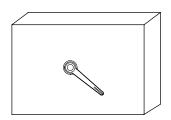
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Switch Selection Guide

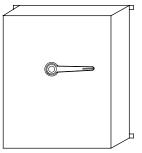
600A



22" wide, 11X high

Rating	Fuse	Catalog Number		
240 Volts Ac or 250	240 Volts Ac or 250 Volts Ac			
600	R	FDPW326R		
600 (Main)	R	FDPW326MR		
600 Volts Ac				
600	R	FDPW366R		
600 (Main)	R	FDPW366MR		
600	J	FDPW366J		
600 (Main)	J	FDPW366MJ		

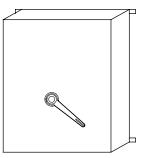
For cable-in/cable-out application of a branch switch, additional terminals are required. Order 2 of the following terminal kit: TA750FDPW Each kit contains 3 terminals and hardware.



18" wide, 16X high - Top Feed Main

Rating	Fuse	Catalog Number	
240 Volts Ac or 250 Volts Ac			
600	R	FDPW326TR	
600 Volts Ac			
600	R	FDPW366TR	
600	J	FDPW366TJ	

For cable-in/cable-out application of a branch switch, additional terminals are required. Order 2 of the following terminal kit: TA750FDPW Each kit contains 3 terminals and hardware.

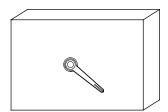


18" wide, 16X high - Bottom Feed Main

Fuse	Catalog Number				
240 Volts Ac or 250 Volts Ac					
R FDPW326BR					
600 Volts Ac					
R	FDPW366BR				
J	FDPW366BJ				
	Volts Ac				

For cable-in/cable-out application of a branch switch, additional terminals are required. Order 2 of the following terminal kit: TA750FDPW Each kit contains 3 terminals and hardware.

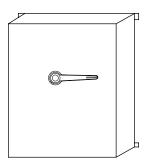
800A



22" wide, 11X high

Rating	Fuse	Catalog Number			
240 Volts Ac					
800	Т	FDPW327F			
800 (Main)	Т	FDPW327MF			
600 Volts Ac					
800	L	FDPW367			
800 (Main)	L	FDPW367M			

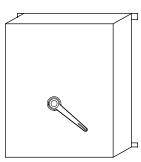
For cable-in/cable-out application of a branch switch, additional terminals are required. Order 3 of the following terminal kit: TA750FDPW Each kit contains 3 terminals and hardware.



18" wide, 16X high - Top Feed Main

Rating	Fuse	Catalog Number			
240 Volts Ac					
800	T	FDPW327TF			
600 Volts Ac					
800	L	FDPW367T			

For cable-in/cable-out application of a branch switch, additional terminals are required. Order 3 of the following terminal kit: TA750FDPW Each kit contains 3 terminals and hardware.



18" wide, 16X high - Bottom Feed Main

Rating	Fuse	Catalog Number			
240 Volts Ac					
800	Т	FDPW327BF			
600 Volts Ac					
800	L	FDPW367B			

For cable-in/cable-out application of a branch switch, additional terminals are required. Order 3 of the following terminal kit: TA750FDPW Each kit contains 3 terminals and hardware.





Switch Selection Guide

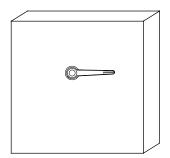
1200A



22" wide, 15X high

Rating	Fuse	Catalog Number			
240 Volts Ac		•			
1200	Т	T FDPW328F			
1200 (Main)	Т	FDPW328MF			
600 Volts Ac		•			
1200	L	FDPW368			
1200 (Main)	L	FDPW368M			

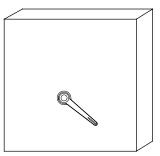
For cable-in/cable-out application of a branch switch, additional terminals are required. Order 4 of the following terminal kit: TA750FDPW Each kit contains 3 terminals and hardware.



22" wide, 16X high - Top Feed Main

Rating	Fuse Catalog Number			
240 Volts Ac				
1200	Т	FDPW328TF		
600 Volts Ac				
1200	L	FDPW368T		

For cable-in/cable-out application of a branch switch, additional terminals are required. Order 4 of the following terminal kit: TA750FDPW Each kit contains 3 terminals and hardware.



22" wide, 16X high - Bottom Feed Main

Rating	Fuse	Catalog Number			
240 Volts Ac					
1200	Т	FDPW328BF			
600 Volts Ac					
1200	L	FDPW368B			

For cable-in/cable-out application of a branch switch, additional terminals are required. Order 4 of the following terminal kit: TA750FDPW Each kit contains 3 terminals and hardware.

FDPW Switch Ratings

Ampere	Voltage	Short Circuit	Horsepowe		Type Conductor Per Phace	Size and Type of Cu/Al
Rating		Rating	Standard	Maximum		Conductor Per Phase
30A Switch	240V Ac 480V Ac 600V Ac 250V Dc	200 kAIC 200 kAIC 200 kAIC 10 kAIC	3 5 7.5 5	7.5 15 20 5	R R, J R, J	#14 to 1/0
60A Switch	240V Ac 480V Ac 600V Ac 250V Dc	200 kAIC 200 kAIC 200 kAIC 10 kAIC	7.5 15 15 10	15 30 50 10	R R, J R, J	#14 to 1/0
100A Switch	240V Ac 480V Ac 600V Ac 250V Dc	200 kAIC 200 kAIC 200 kAIC 10 kAIC	15 25 30 20	30 60 75 20	R R, J R, J	#14 to 1/0
200A Switch	240V Ac 480V Ac 600V Ac 250V Dc	200 kAIC 200 kAIC 200 kAIC 10 kAIC	25 50 60 40	60 125 150 40	R, T R, J, T R, J, T	#4 to 300 MCM
400A Switch	240V Ac 480V Ac 600V Ac 250V Dc	200 kAIC 200 kAIC 200 kAIC 10 kAIC	50 100 125 50	125 250 350 50	R, T R, J, T R, J, T	250 to 750 MCM or (2) 3/0 to 250 MCM
600A Switch	240V Ac 480V Ac 600V Ac	200 kAIC 200 kAIC 200 kAIC	75 150 200	200 400 500	R, T R, J, T R, J, T	(2) #4 to 600 MCM or (4) 3/0 to 250 MCM
800A Switch	240V Ac 480V Ac 600V Ac	200 kAIC 200 kAIC 200 kAIC	N/A N/A N/A	N/A N/A N/A	T L, T L, T	(3) 250 to 750 MCM or (6) 3/0 to 250 MCM
1200A Switch	240V Ac 480V Ac 600V Ac	200 kAIC 200 kAIC 200 kAIC	N/A N/A N/A	N/A N/A N/A	T L L	(4) 250 to 750 MCM or (8) 3/0 to 250 MCM

① Contact fuse manufacturer for UL listed Dc fuses.

N/A Not Applicable

Cutler-Hammer

Five Parkway Center Pittsburgh, Pennsylvania, U.S.A. 15220

