

Sentron Molded Case Circuit Breakers

Accessories

Selection

Type FXD6-A^{①②}

Blue Label

Non-Interchangeable Trip (Assembled Circuit Breaker – Without Lugs)				
Continuous Current Rating @ 40°C	2-Pole ^③		3-Pole	
	Catalog Number	List Price \$	Catalog Number	List Price \$
70	FXD62B070■		FXD63B070	
80	FXD62B080■		FXD63B080	
90	FXD62B090■		FXD63B090	
100	FXD62B100■		FXD63B100■	
110	FXD62B110■		FXD63B110	
125	FXD62B125■		FXD63B125■	
150	FXD62B150■		FXD63B150	
175	FXD62B175■		FXD63B175■	
200	FXD62B200■		FXD63B200	
225	FXD62B225■		FXD63B225	
250	FXD62B250■		FXD63B250	

Type FD6-A^⑦

Blue Label

Interchangeable Trip						
Continuous Current Rating @ 40°C	Complete Breaker Unassembled with Lugs		Frame Only		Trip Unit Only	
	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$

2-Pole 600V AC, 250V DC^②

70	FD62B070■				FD62T070■	
80	FD62B080■				FD62T080■	
90	FD62B090■				FD62T090■	
100	FD62B100■				FD62T100■	
110	FD62B110■				FD62T110■	
125	FD62B125■		FD62F250		FD62T125■	
150	FD62B150■				FD62T150	
175	FD62B175■				FD62T175■	
200	FD62B200■				FD62T200	
225	FD62B225■				FD62T225■	
250	FD62B250■				FD62T250■	

3-Pole 600V AC, 500V DC^③

70	FD63B070■				FD63T070■	
80	FD63B080■				FD63T080■	
90	FD63B090■				FD63T090■	
100	FD63B100■				FD63T100■	
110	FD63B110■				FD63T110■	
125	FD63B125■		FD63F250		FD63T125■	
150	FD63B150■				FD63T150	
175	FD63B175■				FD63T175■	
200	FD63B200■				FD63T200	
225	FD63B225■				FD63T225■	
250	FD63B250■				FD63T250■	

Interrupting Ratings

Breaker Type	RMS Symmetrical Amperes (KA)										
	UL 489 AIR (File E10848)					IEC 947-2					
	Volts AC (50/60Hz)			Volts DC		Volts AC (50/60Hz)					
	240	480	600	250	500 ^⑤	220/240		380/415		500	
						Icu	Ics	Icu	Ics	Icu	Ics
FXD6-A, FD6-A	65	35	22	30 (2-P)	18 (3-P)	65	33	35	9	20	10
HFXD6 ^⑥ , HFD6 ^⑥	100	65	25	30 (2-P)	25 (3-P)	100	50	65	33	42	21
HHFD6 ^⑥ , HHFXD6 ^⑥	200	100	25	—	—	200	100	100	50	65	33
CFD6	200	200	100	30 (2-P)	50 (3-P)	—	—	—	—	—	—

Instantaneous Adjustment Trip Range

Breaker Ampere Rating	Nominal Instantaneous Values							±20% Tolerance High
	±20% Tolerance Low	2	3	4	5	6	7	
70-90	600	640	690	730	770	810	850	900
100-110	700	770	840	920	990	1060	1140	1200
125-150	800	900	1000	1100	1200	1300	1400	1500
175-200	900	1060	1210	1370	1520	1780	1930	2000
225-250	1100	1300	1500	1700	1900	2100	2300	2500

Note: FD frame qualified to UL489 supplement SB "NAVAL". See page 17/110 for additional information.

Ordering Information

Complete Breaker Unassembled with Lugs

Prices of FD6, HFD6, and HHFD6 breakers includes frame, trip and both line and load lugs (TA1FD350A). When ordered by these catalog numbers, the customer will receive the frame, trip, and lugs separately packaged. For applications requiring different lugs, order individual items as needed.

Complete Breaker Assembled without Lugs

Prices of FXD6, HFXD6, HHFXD6, and CFD6 includes frame with non-interchangeable trip unit installed only. Order required lugs separately. For line and load lugs (TA1FD350A) installed, add suffix "L" to catalog number (add 2 times list price of lugs for each pole).

50°C Applications see page 17/110.

400 Hz Applications see page 17/110.

Lugs For 75°C Wire^⑧

Catalog Number	Wire Range	List Price \$
TA1FD350A	#6–350 kcmil Cu #4–350 kcmil Al	
TC1FD350	#6–350 kcmil Cu	
Compression Lug		
CCF250	350 kcmil Cu/Al	

Enclosures

Type	Catalog Number	List Price \$
1	F6N1S(F)	
3R	F6N3R	
4-4X	FD6SS4	
7-9	EC2	
12	F6N12	
Neutral ^⑨	N250	

Modifications page 17/110
Accessories pages 17/68 and 17/103 to 17/108

■ Built to order. Allow 2–3 weeks for delivery.

- ① Type FXD6-A circuit breakers are UL Listed for reverse fed applications.
- ② 2-pole units are 3-pole width.
- ③ When wired as shown on page 17/5, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems only.
- ④ Order neutral as separate item.
- ⑤ See Note: A, page 17/100.
- ⑥ HFD6 and HHFD6 type circuit breakers meet the UL criteria for "current limiting" at 240 and 480V AC.
- ⑦ HACR rated.