

# Sentron Molded Case Circuit Breakers

## JD 400A Frame Sentron Series

Selection

### Type JXD2-A<sup>①</sup>

240V AC, 2-Pole 250V DC Only

Blue Label

Non-Interchangeable Trip (Assembled Circuit Breaker without Lugs)		
Continuous Current Rating @ 40°C	2-Pole (3-Pole Width) Catalog Number	3-Pole Catalog Number
200	JXD22B200■	JXD23B200
225	JXD22B225■	JXD23B225
250	JXD22B250■	JXD23B250
300	JXD22B300■	JXD23B300
350	JXD22B350■	JXD23B350
400	JXD22B400■	JXD23B400

### Type JXD6-A<sup>①⑤</sup>

600V AC, 2-Pole 250V DC, 3-Pole 500V DC<sup>②</sup>

Blue Label

Non-Interchangeable Trip (Assembled Circuit Breaker without Lugs)		
Continuous Current Rating @ 40°C	2-Pole (3-Pole Width) Catalog Number	3-Pole Catalog Number
200	JXD62B200■	JXD63B200
225	JXD62B225■	JXD63B225
250	JXD62B250■	JXD63B250
300	JXD62B300■	JXD63B300
350	JXD62B350■	JXD63B350
400	JXD62B400■	JXD63B400

### Type JD6-A<sup>⑤</sup>

Blue Label

Interchangeable Trip			
Continuous Current Rating @ 40°C	Complete Breaker Unassembled w/Lugs Catalog Number	Frame Only Catalog Number	Trip Unit Only Catalog Number
200	JD62B200■	JD62F400	JD62T200■
225	JD62B225■		JD62T225■
250	JD62B250■		JD62T250■
300	JD62B300■		JD62T300■
350	JD62B350■		JD62T350■
400	JD62B400■		JD62T400■

2-Pole 600V AC, 250V DC (3-Pole Width)

200	JD62B200■	JD62F400	JD62T200■
225	JD62B225■		JD62T225■
250	JD62B250■		JD62T250■
300	JD62B300■		JD62T300■
350	JD62B350■		JD62T350■
400	JD62B400■		JD62T400■

3-Pole 600V AC, 500V DC<sup>②</sup>

200	JD63B200■	JD63F400	JD63T200■
225	JD63B225■		JD63T225■
250	JD63B250■		JD63T250■
300	JD63B300■		JD63T300■
350	JD63B350■		JD63T350■
400	JD63B400■		JD63T400■

### 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 <sup>②</sup>	220/240	380/415	500	
	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	
JXD2-A	65	—	—	30 (2-P)	—	—	—	—	—
JXD6-A, JD6-A	65	35	25	30 (2-P)	25 (3-P)	65	33	40	20
HJD6-A, HJXD6-A	100	65	35	30 (2-P)	35 (3-P)	100	50	65	33
HHJD6, HHJXD6 <sup>④</sup>	200	100	50	—	—	—	—	—	—
CJD6-A	200	150	100	30 (2-P)	50 (3-P)	—	—	—	—

### Instantaneous Adjustment Trip Range

Breaker Ampere Rating	Nominal Instantaneous Values							
	±20% Tolerance Low	2	3	4	5	6	7	±20% Tolerance High
200-300	1250	1430	1610	1790	1960	2140	2320	2500
350-400	2000	2290	2570	2860	3140	3430	3710	4000

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

①Type JXD2 and JXD6 circuit breakers are UL Listed for reverse feed applications.

②When wired as shown on page 17/5, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems only.

③See Note: A, page 17/101

④HHJD6 type circuit breakers meet the UL criteria for "current limiting" at 240 and 480V AC.

⑤HACR rated.

Note: JD frame qualified to UL489 supplement B "NAVAL." See page 17/104 for additional information.

### Ordering Information

#### Complete Breaker Unassembled with Lugs

Prices of JD6, HJD6, and HHJD6 breakers include frame, trip and both line and load lugs (TA2J6500). 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 JXD6, HJXD6, HHJXD6, and CJD6 include frame with non-interchangeable trip unit installed only. Order required lugs separately. For line and load lugs (TA2J6500) installed, add suffix "L" to catalog number (add 2 times list price of lugs for each pole).

#### 100% Rated (3-pole only)

Types JXD6 and HJXD6 breakers are available with 100% ratings. To order add suffix "H" to catalog number, and 10% to list price. ■ 100% rated JD breakers require the use of 90°C Cu cable sized at 75°C ampacity and lugs TC1J6600 or TC2J6500.

50°C Applications see page 17/104.

400Hz Applications see page 17/104.

### Lugs For 75°C Wire<sup>③</sup>

Catalog Number	Cables per Lug	Wire Range
TA2J6500	1, 2	#3/0-500 kcmil Cu #4/0-500 kcmil Al
TA1L6750	1	500-750 kcmil Al 500-600 kcmil Cu
TC1J6600	1	#3/0-600 kcmil Cu
TC2J6500	1, 2	#3/0-500 kcmil Cu
Compression Lug		
CCL600	1	500 kcmil Cu/Al

Modifications page 17/104

Accessories pages 17/72 and 17/108 to 17/113