

# Molded Case Circuit Breakers

PD 1600A Frame Sentron Series

Selection

Type PXD6<sup>②</sup> Non-Interchangeable Trip<sup>⑤</sup>

3-Pole 600V AC, 250-500V DC<sup>①</sup>

Blue Label

Continuous Current Rating @ 40°C	Complete Breaker Assembled (Frame/Trip Unit Only)		Mounting Assembly	Lugs (6 required)
	Catalog Number	Catalog Number	Catalog Number	Catalog Number
1200	PXD63B120■		MB9301	
1400	PXD63B140■		-or-	TA5P600
1600	PXD63B160		MBR9302	

Type PD6 Interchangeable Trip<sup>⑤</sup>

3-Pole 600V AC, 250-500V DC<sup>①</sup>

Blue Label

Continuous Current Rating @ 40°C	Complete Breaker Unassembled	Frame Only	Trip Unit Only	Mounting Assembly	Lugs (6 required)
	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
1200	PD63B120■		PD63T120■	MB9301	
1400	PD63B140	PD63F160	PD63T140	-or-	TA5P600
1600	PD63B160		PD63T160	MBR9302	

Type HPXD6<sup>②</sup> Non-Interchangeable Trip<sup>⑤</sup>

3-Pole 600V AC, 250-500V DC<sup>①</sup>

Blue Label

Continuous Current Rating @ 40°C	Complete Breaker Assembled (Frame/Trip Unit Only)	
	Catalog Number	
1200	HPXD63B120■	
1400	HPXD63B140■	
1600	HPXD63B160	

Type HPD6 Interchangeable Trip<sup>⑤</sup>

3-Pole 600V AC, 250-500V DC<sup>①</sup>

Black Label

Continuous Current Rating @ 40°C	Complete Breaker Unassembled	Frame Only	Trip Unit Only	Mounting Assembly	Lugs (6 required)
	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
1200	HPD63B120■		PD63T120■	MB9301	
1400	HPD63B140	HPD63F160	PD63T140	-or-	TA5P600
1600	HPD63B160		PD63T160	MBR9302	

Type CPD6 Non-Interchangeable Trip<sup>⑤</sup>

Fuseless Current Limiting

3-Pole 600V AC, 250-500V DC<sup>①</sup>

Red Label

Continuous Current Rating @ 40°C	Complete Breaker Assembled (Frame/Trip Unit Only)	
	Catalog Number	
1200	CPD63B120■	
1400	CPD63B140■	
1600	CPD63B160■	

## Interrupting Ratings

Breaker Type	UL 489 A IR				
	RMS Symmetrical KA				
	Volts AC			Volts DC <sup>①</sup>	
	240	480	600	250	500
PD6, PXD6	65	50	25	30 (2P)	25 (3P)
HPD6, HPXD6	100	65	50	30 (2P)	50 (3P)
CPD6	200	100	65	30 (2P)	50 (3P)

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

▲ Built to order. Allow 6-8 weeks for delivery.

① Use two outside poles of a 3-pole circuit breaker for 250V

② When wired as shown on page 7-4, this circuit breaker is

UL listed and rated for use on 500V DC ungrounded UPS systems only.

③ PXD6, HPXD6 and CPD6 type circuit breakers are UL Listed for reverse feed applications.

④ For additional information See **Note: A**, page 7-88.

## Ordering Instructions

### Complete Breaker Unassembled with Lugs

Prices of PD6, HPD6, RD6, and HRD6 type breakers include frame, trip, mounting base (MB9301), and both line and load lugs (PD Frame – TA5P600, RD Frame – TC5R600). When ordered by these catalog numbers, the customer will receive the frame, trip, mounting assembly and lugs separately packaged. For applications requiring different mounting base or lugs, order individual items as needed.

### Complete Breaker Assembled without Lugs

Prices of PXD6, HPXD6, RXD6, HRXD6 and CPD6 type breakers include frame with non-interchangeable trip unit installed only. Order required mounting base and lugs separately.

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

Types PXD6, HPXD6 breakers are available with 100% ratings. To order add suffix “H” to catalog number, and 10% to list price. 100% PD breakers require 90° C cable sized at 75° C ampacity and TC5R600 lugs. RD 2000A Frames not available with 100% ratings.

50°C Applications see page 7-91.

400HZ Applications see page 7-91.

## Lugs (6 required per breaker)<sup>④</sup>

Catalog Number	No of Cables per Connector	Wire Range
TA5P600	1-5	300-600 kcmil Cu/Al
TC5R600	1-5	300-600 kcmil Cu only
TA4P750▲	1-4	600-750 kcmil Cu/Al
TA6R600	1-6	300-600 kcmil Cu/Al

⑤ HACR rated.

**Note:** PD frame qualified to UL489 supplement B “NAVAL”. See page 7-91 for additional information.