

Molded Case Circuit Breakers

PD 1600A Frame Sentron Series

Selection/Dimensions

Type PXD6[Ⓢ] Non-Interchangeable Trip[Ⓢ]

3-Pole 600V AC, 250-500V DC^①

Blue Label

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

Type PD6 Interchangeable Trip[Ⓢ]

3-Pole 600V AC, 250-500V DC^①

Blue Label

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

Type HPXD6[Ⓢ] Non-Interchangeable Trip[Ⓢ]

3-Pole 600V AC, 250-500V DC^①

Blue Label

| Continuous Current Rating 40°C | Complete Breaker Assembled (Frame/Trip Unit Only) | |
|--------------------------------|---|---------------|
| | Catalog Number | List Price \$ |
| 1200 | HPXD63B120■ | |
| 1400 | HPXD63B140■ | |
| 1600 | HPXD63B160 | |

Type HPD6 Interchangeable Trip[Ⓢ]

3-Pole 600V AC, 250-500V DC^①

Black Label

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

Type CPD6 Non-Interchangeable Trip[Ⓢ]

Fuseless Current Limiting

3-Pole 600V AC, 250-500V DC^①

Red Label

| Continuous Current Rating 40°C | Complete Breaker Assembled (Frame/Trip Unit Only) | |
|--------------------------------|---|---------------|
| | Catalog Number | List Price \$ |
| 1200 | CPD63B120■ | |
| 1400 | CPD63B140■ | |
| 1600 | CPD63B160■ | |

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

Types PXD6, HPXD6 breakers are available with 100% ratings. To order add suffix "H" to catalog number, and 10% to list price. RD 2000A Frames not available with 100% ratings.

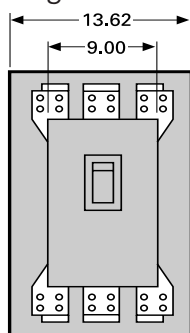
50°C Applications

400HZ Applications

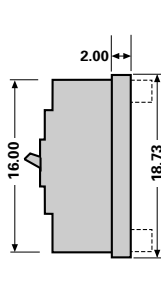
Lugs^④

| Catalog Number | No of Cables per Connector | Wire Range | List Price \$ |
|----------------|----------------------------|-----------------------|---------------|
| TA5P600 | 1-5 Pcs. | 300-600 kcmil Cu/Al | |
| TC5R600 | 1-5 Pcs. | 300-600 kcmil Cu only | |
| TA4P750▲ | 1-4 Pcs. | 500-750 kcmil Cu/Al | |
| TA6R600 | 1-6 Pcs. | 300-600 kcmil Cu/Al | |

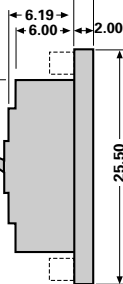
Mounting Bases for PD & RD



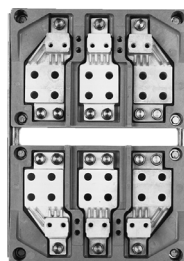
MB9301



MBR9302



MB9301



MBR9302



MB9301

- 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 11/3, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems only.
- ③ PXD6, HPXD6 type circuit breakers are UL Listed for reverse feed applications.

- ④ For additional information See Note: A, page 11/62.
- ⑤ HACR rated.

Molded Case Circuit Breakers

SPD 1600A Frame Digital Solid State Sentron Sensitrip III Series

Selection/Dimensions

Ordering Information

Pricing information for all Digital Sentron Series PD frame unit is for breaker only. Price required mounting block assembly and necessary terminal connectors as separate items.

SPD6 and SHPD6 are acceptable for reverse connection applications.

Type SPD6

Blue Label

| 3-Pole, 600V AC | | |
|-----------------|--------------------|---------------|
| Catalog Number | Max Current Rating | List Price \$ |
| SPD69140■ | 1400 | |
| SPD69160■ | 1600 | |
| SPD69140G■ | 1400 | |
| SPD69160G■ | 1600 | |
| SPD69140NT■ | 1400 | |
| SPD69160NT■ | 1600 | |
| SPD69140NGT■ | 1400 | |
| SPD69160NGT■ | 1600 | |

Type SHPD6

Black Label

| 3-Pole, 600V AC | | |
|-----------------|--------------------|---------------|
| Catalog Number | Max Current Rating | List Price \$ |
| SHPD69140■ | 1400 | |
| SHPD69160■ | 1600 | |
| SHPD69140G■ | 1400 | |
| SHPD69160G■ | 1600 | |
| SHPD69140NT■ | 1400 | |
| SHPD69160NT■ | 1600 | |
| SHPD69140NGT■ | 1400 | |
| SHPD69160NGT■ | 1600 | |



Lugs^①

| Catalog Number | No. of Cables per Connector | Wire Range | List Price \$ |
|----------------|-----------------------------|-----------------------|---------------|
| TA5P600 | 1-5 pcs. | 300-600 kcmil Cu/Al | |
| TC5R600 | 1-5 pcs. | 300-600 kcmil Cu Only | |
| TA6R600 | 1-5 pcs. | 300-600 kcmil Cu/Al | |

Neutral Transformers

| Ampere Rating | Catalog Number | List Price \$ |
|---------------|----------------|---------------|
| 1400 | N14SPD | |
| 1600 | N16SPD | |

Enclosure

| Type | Catalog Number | List Price \$ |
|------|----------------|---------------|
| 1 | PRD6N1 | |

Mounting Block (Required)

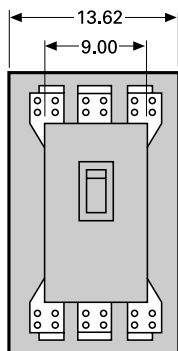
| Catalog Number | List Price \$ |
|----------------|---------------|
| MB9301 | |
| MBR9302 | |

| Suffix Letter Code | Trip Type | Cont Current Setting | Long Time Delay | Instantaneous Setting | Short Time Pick Up | Short Time Delay | Short Time It Pick Up | Ground Fault Pick Up | Ground Fault Delay |
|--------------------|-----------|----------------------|-----------------|-----------------------|--------------------|------------------|-----------------------|----------------------|--------------------|
| None | LI | ✓ | ✓ | ✓ | | | | | |
| G | LIG | ✓ | ✓ | ✓ | | | | ✓ | ✓ |
| NT | LSI | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| NGT | LSIG | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

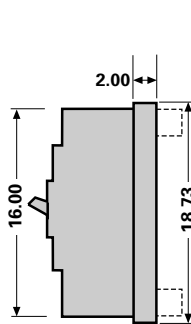
Interrupting Ratings

| Breaker Type | RMS Symmetrical kA UL 489 | | |
|--------------|---------------------------|---------|---------|
| | 240V AC | 480V AC | 600V AC |
| SPD6 | 65 | 50 | 25 |
| SHPD6 | 100 | 65 | 50 |

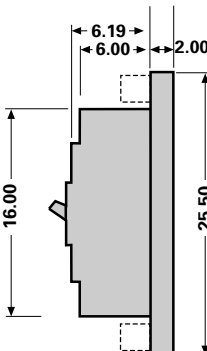
All PD, RD Frames:



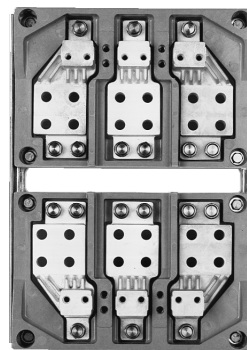
MB9301 (shown)
MBR9302



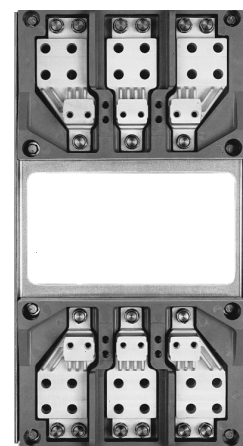
MBR9302



MBR9301



MBR9302



MB9301

For inches / millimeters conversion, see Application Data section.

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

① For additional information, see Note: A, page 11/62.

Note: The PD frame circuit breaker requires the use of a connect-all mounting assembly to allow for placing into service.

Note: "G" suffix in catalog number denotes circuit breaker for 3 phase, 3 wire circuits.

For 3 phase, 4 wire, order correct 4th wire (neutral) transformer as separate and additional item.