



## Maintain your DySC® while eliminating your downtime.

Even the best products require regular servicing for optimal performance. The challenge is eliminating the downtime typically associated with these service events. The solution: SoftSwitching's Manual Maintenance Bypass units. These wall-mounted make-before-break devices provide an alternate electrical path to the load when required, eliminating downtime during servicing or scheduled preventative maintenances on MiniDySC® and ProDySC®. Recommended on all critical applications, Manual Maintenance Bypass is a smart way to maintain DySC performance while avoiding downtime.

### Matching Maintenance Bypass Units to DySC®

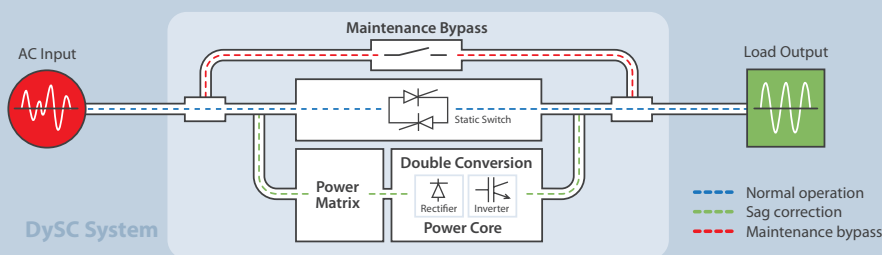
#### MiniDySC® (single-phase)

Catalog Number	Rated Current	Rated Input Voltage 240 V (Max) 1 Phase, 1-Pole	Rated Input Voltage 240 V (Max) 1 Phase, 2-Pole
BP025A1PB	25A	✓	
BP050A1PB	50A	✓	
BP025A2PB	25A		✓
BP050A2PB	50A		✓

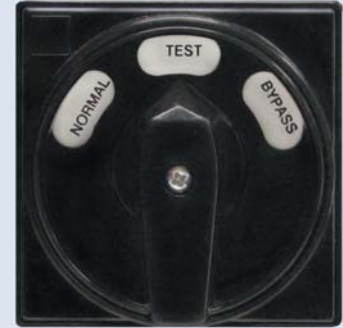
#### ProDySC® (three-phase)

Catalog Number	Rated Current	Rated Input Voltage 480 V (Max) 3 Phase, 3-Pole
BP025A3PB	25A	✓
BP050A3PB	50A	✓
BP100A3PB	100A	✓
BP200A3PB	200A	✓

### Theory of Operation



### Operation Modes



**Normal Mode:** Power flows from the line source through the DySC to the load.

**Test Mode:** Power flows directly from the line source to load. DySC outputs are not connected to the load. DySC inputs have power provided for testing of the DySC by qualified electrician.

**Bypass Mode:** Power flows directly from the line source to load. No power is present on DySC inputs or outputs.

### SoftSwitching Technologies®

Phone (Toll-free) 800-226-5028

Phone (Local) 608-662-7200

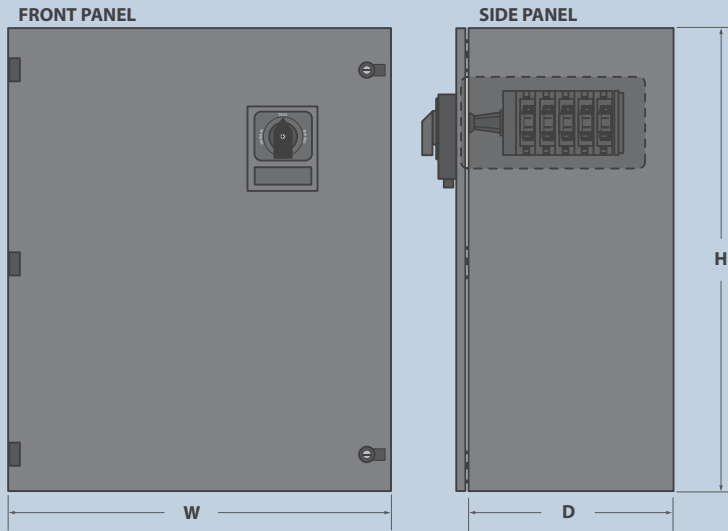
Fax 608-662-7300

Email [info@softswitch.com](mailto:info@softswitch.com)

Web [www.softswitch.com](http://www.softswitch.com)

Mail 8155 Forsythia Street  
Middleton, WI 53562, USA

**Dimensions** (in inches; millimeters in brackets)



Rated Current	Poles	H	W	D	Weight
25, 50 A	1, 2	12 (305)	10 (254)	8 (203)	30 lbs (13.6 kg) (Max)
25, 50 A	3	16 (406)	14 (356)	9 (203)	50 lbs (22.7 kg) (Max)
100 A	3	20 (508)	24 (610)	10 (254)	65 lbs (29.5 kg)
200 A	3	36 (915)	30 (762)	16 (406)	180 lbs (81.6 kg)

**Technical Specifications**

**Electrical Specifications (240Vac [Max] Single Phase)**

**Input/Output Voltage** 100–240Vac Single Phase  
**Current** 25, 50 Amps  
**Number of Poles** 1, 2  
**Frequency** 50/60 Hz

**Electrical Specifications (480Vac [Max] Three Phase)**

**Input/Output Voltage** 200–480Vac Three Phase  
**Current** 25, 50, 100, 200 Amps  
**Number of Poles** 3  
**Frequency** 50/60 Hz

**Mechanical**

**Enclosure** NEMA 1 (IP20), wall-mounted  
**Operation Mode** Manual make-before-break, 3 position (normal/test/bypass) with lock-out protection provided  
**Accessibility (Wiring)** Front of panel terminations, top and bottom access

**Environmental**

**Ambient Temp.** 0°–40°C (32°–104°F)  
**Storage Temp.** -40°–75°C (-40°–167°F)  
**Relative Humidity** 0% to 95%, noncondensing  
**Altitude** 1000 m (3,300 ft) without load derating

**Compliance**

**Agency Approvals** cULus Listed  
**Warranty** Standard 1 year

**Catalog Number**

