



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®

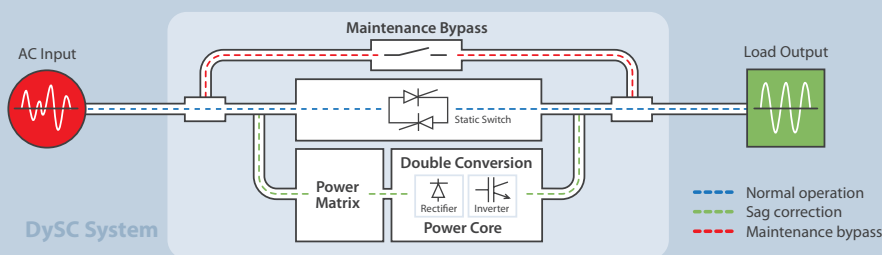
MiniDySC® (single-phase)

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

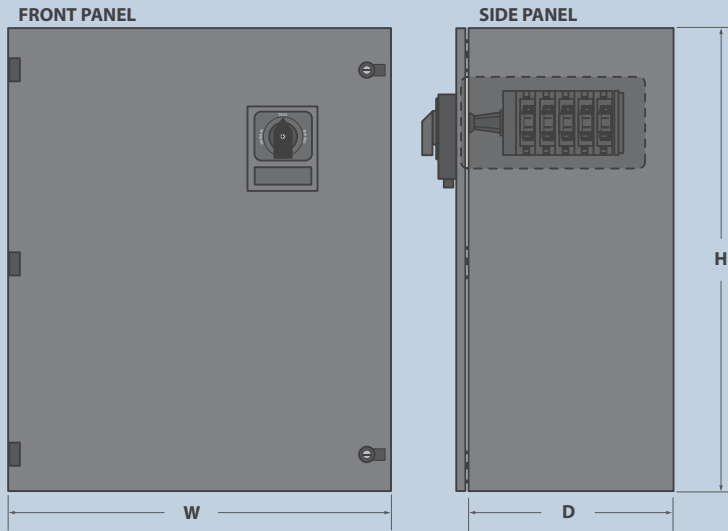
Fax 608-662-7300

Email info@softswitch.com

Web 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

