

Application Information

Midwest Electric heavy duty manual transfer switches help provide reliable transfer of power from the normal utility-supplied source to a standby generator, enabling the user to readily maintain power during utility outages. Use them anywhere an extended outage would result in severe loss, damage or inconvenience.

Designed to be operational and switchable at full rated capacity, Midwest Electric transfer switches are available in single- and three-phase configurations at ratings through 600V. The double-throw mechanism helps prevent dangerous backfeeding of generator power into the utility system.



Features and Benefits

Electrical Ratings

- 100-400 amperes
- 240V or 600V models
- 10kAIC

Rugged Durability

- Break before make switch mechanism*
- All-in-one construction with factory-assured terminations
- Bus bars interconnect main and standby switches*
- Knife blade switch contacts help provide long life
- NEMA 3R weatherproof enclosure
- G90 galvanized steel construction for superior corrosion protection
- Durable polyester powder coat finish resists chipping and fading
- High quality, user-tested components designed for long life

User Protection

- Interlock allows door opening only when switch is in the OFF position*
- Padlock provision in all three ON-OFF-ON transfer positions
- Padlock provision on door

Installation Ease

- Optional neutral kits available for both 240V and 600V models
- Broad range of concentric knockouts accommodate varying wiring needs
- All terminals accept copper or aluminum wire for installation flexibility



* On most models.

Steel Enclosures

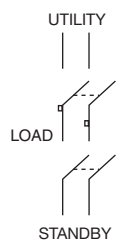


Fig. A
GS1101B12UL, GS1201B20UL, GS1202B20UL,
GS1402B01UL, GS1404B01UL

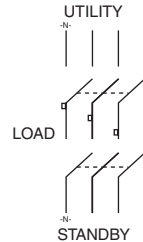


Fig. B
GS3402B01UL, GS3404B01UL, GS3161B12UL,
GS3262B25UL, GS3464B01UL

Two Pole, 100 – 400 Amps, 120/240V

Fig.	Model Number	Switch Ratings		Optional Neutral Kit¹	Unit Wt.	UL
		Amps				
		Main	Standby			
A	GS1101B12UL	100	100	NEU102	31	cULus
	GS1201B20UL	200	100	NEU202	42	
	GS1202B20UL	200	200	NEU202	46	cULus
	GS1402B01UL	400	200	NEU407	71	
	GS1404B01UL	400	400	NEU407	80	


¹ Order Neutral Kit for 3-wire system (120/240).

Three Pole, 200 – 400 Amps, 240V

Fig.	Model Number	Switch Ratings		Optional Neutral Kit ¹	Unit Wt.	UL
		Amps				
		Main	Standby			
B	GS3402B01UL	400	200	NEU407	107	cUL _{US}
	GS3404B01UL	400	400		120	

¹ Order Neutral Kit for 4-wire system (280Y/120).

Three Pole, 100 – 400 Amps, 600V

Fig.	Model Number	Switch Ratings		Optional Neutral Kit ¹	Unit Wt.	UL
		Amps				
		Main	Standby			
B	GS3161B12UL	100	100	NEU102	31	c  us
	GS3262B25UL	200	200	NEU202	48	
	GS3464B01UL	400	400	NEU407	120	

¹ Order Neutral Kit for 4-wire systems (208Y/120, 480Y/277, 600Y/347).

All three pole models are suitable for use in 1-Phase, 3-wire, switched neutral applications – no neutral required.

Technical Data

Model Number	Wire Range (cu/al)	Conduit Hub/Opening ¹		Enclosure Style	Cabinet Dimensions (inches)				Knockout Figure
		Qty.	Size		Height (A)	Width (B)	Depth (C)	Depth (D)	
GS1101B12UL	12-1/0	1	1-1/4	A	26	13	6-3/4	10-5/8	1
GS3161B12UL					26	13	6-3/4	10-5/8	1
GS1201B20UL	6-250	1	2	A	32	15-3/4	6-3/4	10-5/8	2
GS1202B20M			2-1/2	B	36-1/10	14-3/10	4-4/5	—	5
GS1202B20UL			2	A	35	15-3/4	7	10-5/8	2
GS3262B25UL			2-1/2	A	34-3/4	15-3/4	6-3/4	10-5/8	2
GS1402B01UL	2-600 or (2) 1/0-250	2	Closure Caps	A	43-1/2	18-1/2	9-1/4	14-1/8	3
GS1404B01UL					43-3/4	18-1/2	9-1/4	14-1/8	3
GS3161G	14-1/0	1	Closure Cap	A	15-1/4	8	5-2/5	6-9/10	6
GS3262G	6-250			A	30-1/4	15-3/10	8-3/5	11-4/5	7
GS3402B01UL	2-600 or (2) 1/0-250	2	Closure Caps	A	42-1/2	24	9-1/4	14-1/8	4
GS3404B01UL					43-1/2	24	9	14-1/8	4
GS3464B01UL					43-1/2	24	9	14-1/8	4

¹ Switch includes conduit hub or closure cap(s) as indicated. Alternate conduit hub sizes on page 14-3.

Enclosure Styles / Cabinet Dimensions

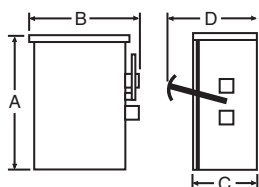


Fig. A

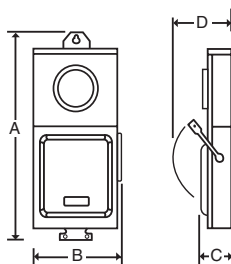


Fig. B