



Transfer Switches / Power Inlets

By Midwest Electric Company

Midwest Electric delivers confident, reliable generator power switching.

TRANSFER SWITCHES

100–400 Amps, 240V and 600V



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

Flexibility

- 100–400 Amps
- 240V and 600V models
- 1-phase or 3-phase
- 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 Safety

- 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
- Clear line shield for visual verification of blade position while helping guard against contact with live parts

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.

TRANSFER SWITCH SELECTION

Two Pole, 100-400 Amps, 240V

Fig.	Model Number	Switch Ratings		Poles	Optional Neutral Kit ¹
		Amps			
		Main	Standby		
A	GS1101B12UL	100	100	2	NEU102
	GS1201B20UL	200	100		NEU202
	GS1202B20UL ²	200	200		NEU202
	MTU225RA	400	400		NEU407

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

²Available with meter socket (consult main catalog).

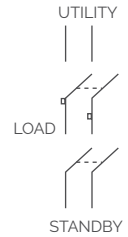


Fig. A

All three pole models are suitable for use in single phase, 3-wire, switched neutral applications —no neutral required.

Three Pole, 400 Amps, 240V

Fig.	Model Number	Switch Ratings		Poles	Optional Neutral Kit ¹
		Amps			
		Main	Standby		
B	MTU325RA	400	400	3	NEU407

¹Order Neutral Kit for 4-wire system (208Y/120).

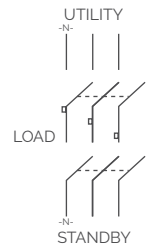


Fig. B

Three Pole, 100-400 Amps, 600V

Fig.	Model Number	Switch Ratings		Phase	Optional Neutral Kit ¹
		Amps			
		Main	Standby		
B	GS3161B12UL ²	100	100	3	NEU102
	GS3262B25UL ³	200	200		NEU202
	MTU365RA	400	400		NEU407

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

²Available in light-duty construction (aluminum enclosure) – order model number GS3161G.

³Available in light-duty construction (aluminum enclosure) – order model number GS3262G.

TECHNICAL DATA

Transfer Switches

Model Number	Wire Range (cu/al)	Conduit Hub/Opening ¹		Enclosure Style	Dimensions (inches)				Knockout Figure	Unit Wt. (lbs)
		Quantity	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	31
GS3161B12UL					26	13	6-3/4	10-5/8	1	31
GS1201B20UL	6-250	1	2	A	32	15-3/4	6-3/4	10-5/8	2	42
GS1202B20UL					35	15-3/4	7	10-5/8	2	46
GS3262B25UL			2-1/2	A	34-3/4	15-3/4	6-3/4	10-5/8	2	48
MTU225RA	2-600 or (2) 1/0-250	2	Closure Caps	A	43-3/4	18-1/2	9-1/4	14-1/8	3	80
MTU325RA					43-1/2	24	9	14-1/8	4	120
MTU365RA					43-1/2	24	9	14-1/8	4	120

¹Switch includes conduit hub or closure cap(s) as indicated. For alternate conduit hub sizes, see Midwest Catalog MET-017.

Cabinet Dimensions

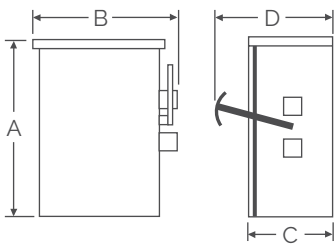


Fig. A

Knockout Configurations

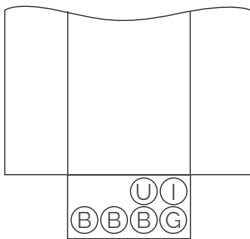


Fig. 1

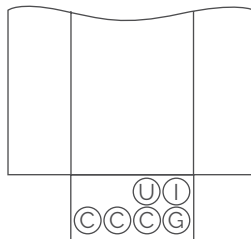


Fig. 2

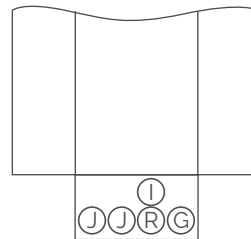


Fig. 3

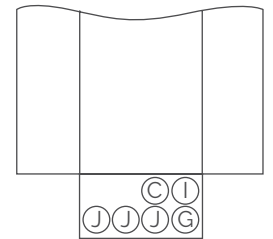


Fig. 4

Knockout Key

- B = 1", 1-1/4", 1-1/2"
- C = 1-1/4", 1-1/2", 2"
- G = 1/2", 3/4", 1"
- I = 11/16"
- J = 2", 2-1/2", 3", 3-1/2"
- R = 3/4", 1", 1-1/4", 1-1/2", 2"
- U = 1/4"

POWER INLETS

20–50 Amps, 120/240V



Power inlets from Midwest Electric work with the manual transfer switches for standby power. Each inlet comes in a single enclosure for maximum protection against weather and normal field use.

FEATURES AND BENEFITS

Rugged Durability

- NEMA 3R weatherproof enclosure
- G90 galvanized steel construction for superior corrosion protection
- Durable polyester powder coat finish resists chipping and fading
- Rolled edge door for cord protection
- Cover design accommodates cords in place while maintaining NEMA 3R integrity

User Safety

- Padlockable to help prevent unauthorized access
- Deadfront construction helps prevent accidental contact with live parts

Installation Ease

- All-in-one construction and factory assured terminations reduce installation time



TECHNICAL DATA

Power Inlets

Model Number	Amps	Receptacle	Dimensions (inches)			Knockout Figure
			Height	Width	Depth	
U020N	20	L14-20	14-3/8	6-3/4	5-3/16	1
U030N	30	L14-30				
U050N	50	CS6375 ¹				

¹California Standard, 3-pole, 4-wire grounded non-NEMA.

Receptacles



U020N
L-14-20



U030N
L-14-30



U050N
CS6375

Knockout Configurations

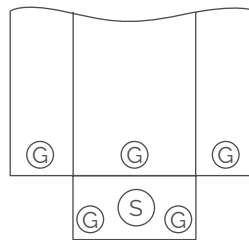


Fig. 1

Knockout Key
 G = 1/2", 3/4", 1"
 S = 1/2", 3/4", 1", 1-1/4", 1-1/2"

*Knockouts shown for size not for exact positions.

Midwest Electric Products

Quality Weatherproof Electrical Equipment

305 Gregson Drive • Cary, NC 27511

Customer Service: 866.685.0577 • Fax: 804.965.1041

midwestelectric.com

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