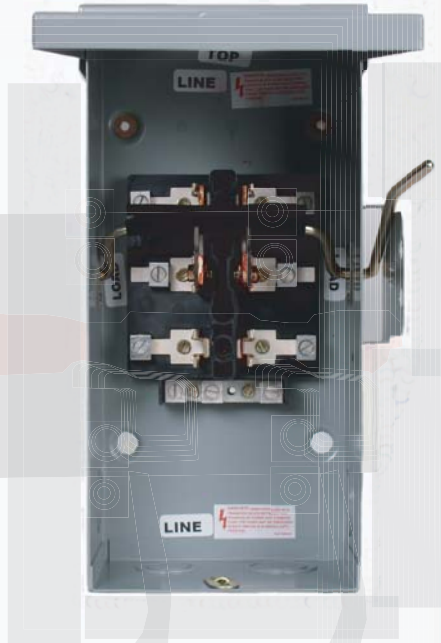


Midwest Electric Products, Inc.

Transfer Switches/ Power Inlets



QUALITY WEATHERPROOF
ELECTRICAL EQUIPMENT

powers the great outdoors

100, 200, 400 AMPS

Application Information:

The Midwest heavy duty manual transfer switch provides reliable, and trouble-free transfer of power from the normal utility supplied source to a standby generator. Enabling the user to maintain power during utility down time periods. The “double throw” mechanism helps prevent dangerous backfeeding of generator power into the utility system designed to be fully operational and switchable at full rated capacity.

The Midwest Transfer switch is available in single phase and three phase configurations, and in ratings through 600v. Special application models with meter sockets or switched neutrals are also available.

Typical applications include poultry farms and dairy farms, ventilation in animal confinement buildings, crop drying, and anywhere an extended loss of normal power service would result in severe loss, damage, or inconvenience.

Features and Benefits:

Electrical Ratings

- 100-400 Amperes
- 240 and 600 models available
- 10,000 AIC

Rugged Durability

- Break before make switch mechanism on most models
- All-in-one construction for factory assured terminations
- Bus bars used to interconnect main and standby switches on most models
- Knife blade switch contacts provide long life
- Heavy zinc coated steel with highest quality powder coat finish resists corrosion and fading
- Welded flange NEMA 3R construction for lasting service in outdoor installations
- Quality user tested components for long life

User Safety

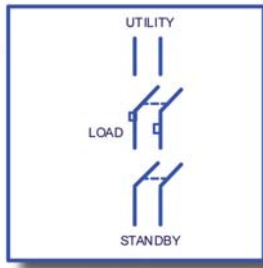
- Interlock allows door opening only when switch is in the off position on most models
- Padlock provision in all three on-off-on transfer positions
- Door has padlock provision

Installation Ease

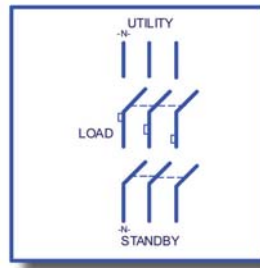
- Optional neutral kit available for both 240V and 600V
- Broad range of concentric knockouts to accommodate varied wiring needs
- All terminals accept copper or aluminum wire for added installation flexibility



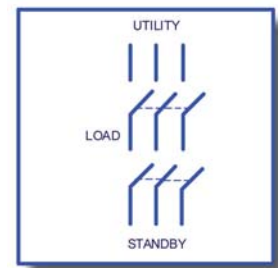
Front Cover Models:
Top Left- GS1201B20UL
Top Right- GS3161G
Bottom Right- U030N



Single Phase (Fig A)



Single Phase - Switched Neutral (Fig B)



Three Phase (Fig C)

Featured Models: Single Phase 120/240 Volts AC

Fig	UL	Model Number	Main	Standby	Volts	Phase	Wire Range			Hub	Neutral kits (field installed only) order number#
							Utility	Load	Gen.		
A	Y	GS1101B12UL	100	100	120/240	1	#12-1/0	#12-1/0	#12-1/0	1-1/4"	NEU102
A	Y	GS3161G	100	100	120/240	1	#12-1/0	#12-1/0	#12-1/0	1"	INSTALLED
A	Y	GS1201B20UL	200	100	120/240	1	#6-250	#6-250	#12-1/0	2"	NEU202
A	Y	GS1202B20UL	200	200	120/240	1	#6-250	#6-250	#6-250	2"	NEU202
A	Y	GS1402B01UL	400	200	120/240	1	(2) wires 1/0-250 (1) wire #2-600	(2) wires 1/0-250 (1) wire #2-600	#6-250	order seperately	NEU407
A	Y	GS1404B01UL	400	400	120/240	1	(2) wires 1/0-250 (1) wire #2-600	(2) wires 1/0-250 (1) wire #2-600	(2) wires 1/0-250 (1) wire #2-600	order seperately	NEU407

Single Phase 120/240 Volts AC with Attached Meter Socket

Fig	UL	Model Number	Main	Standby	Volts	Phase	Wire Range			Hub	Neutral kits (field installed only) order number#
							Utility	Load	Gen.		
A	N	GS1202B20M	200	200	120/240	1	#6-250	#6-250	#6-250	2"	INSTALLED

Single Phase 120/240 Volts AC with Switched Neutral

Fig	UL	Model Number	Main	Standby	Volts	Phase	Wire Range			Hub	Neutral kits (field installed only) order number#
							Utility	Load	Gen.		
B	Y	GS3161B12UL	100	100	120/240	1	#12-1/0	#12-1/0	#12-1/0	1-1/4"	Factory Installed
B	Y	GS3262B25UL	200	200	120/240	1	#6-250	#6-250	#6-250	1- 1/2"	Factory Installed
B	Y	GS3464B01UL	400	400	120/240	1	(2) wires 1/0-250 (1) wire #2-600	(2) wires 1/0-250 (1) wire #2-600	(2) wires 1/0-250 (1) wire #2-600	order seperately	Factory Installed

Three Phase 240, 120/240 Volts AC

Fig	UL	Model Number	Main	Standby	Volts	Phase	Wire Range			Hub	Neutral kits (field installed only) order number#
							Utility	Load	Gen.		
C	Y	GS3262G	200	200	240	3	#6-250	#6-250	#6-250	order seperately	INSTALLED
C	Y	GS3402B01UL	400	200	240	3	(2) wires 1/0-250 (1) wire #2-600	(2) wires 1/0-250 (1) wire #2-600	#6-250	order seperately	NEU407
C	Y	GS3404B01UL	400	400	240	3	(2) wires 1/0-250 (1) wire #2-600	(2) wires 1/0-250 (1) wire #2-600	(2) wires 1/0-250 (1) wire #2-600	order seperately	NEU407

Featured Models: Three Phase 600 Volt AC

Fig	UL	Model Number	Main	Standby	Volts	Phase	Wire Range			Hub	Neutral kits (field installed only) order number#
							Utility	Load	Gen.		
C	Y	GS3161B12UL	100	100	600	3	#12-1/0	#12-1/0	#12-1/0	1-1/4"	NEU102
C	Y	GS3262B25UL	200	200	600	3	#6-250	#6-250	#6-250	2-1/2"	NEU202
C	Y	GS3464B01UL	400	400	600	3	(2) wires 1/0-250 (1) wire #2-600	(2) wires 1/0-250 (1) wire #2-600	(2) wires 1/0-250 (1) wire #2-600	order seperately	NEU407

Technical Information:

Model Number	Enclosure Style	Cabinet Dimensions				Unit Wtg	Knockout Figure
		Height A	Width B	Depth C	Depth D		
GS1101B12UL	A	27-1/2"	13-5/8"	5-3/4"	10-5/8"	32	1
GS1201B20UL	A	33-1/2"	16-5/8"	5-3/4"	10-5/8"	42	2
GS1202B20M	B	40-1/4"	16-5/8"	5-3/4"	10-5/8"	46	2
GS1202B20UL	A	33-1/2"	16-5/8"	5-3/4"	10-5/8"	46	2
GS1402B01UL	A	43-3/4"	18-1/4"	8-1/2"	14-1/8"	88	3
GS1404B01UL	A	43-3/4"	18-1/4"	8-1/2"	14-1/8"	96	3
GS3161B12UL	A	27-1/2"	13-5/8"	5-3/4"	10-5/8"	32	1
GS3161G	A	15"	9"	5"	6-1/2"	1	5
GS3262B25UL	A	33-1/2"	16-5/8"	5-3/4"	10-5/8"	48	2
GS3262G	A	30"	16"	8-1/2"	12"	45	6
GS3402B01UL	A	44-3/4"	23-3/4"	8-1/2"	14-1/8"	107	4
GS3404B01UL	A	44-3/4"	23-3/4"	8-1/2"	14-1/8"	120	4
GS3464B01UL	A	44-3/4"	23-3/4"	8-1/2"	14-1/8"	120	4

Knockouts:

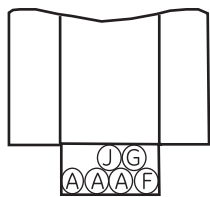


Fig. 1

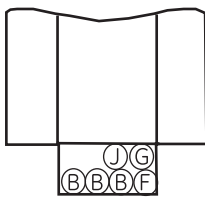


Fig. 2

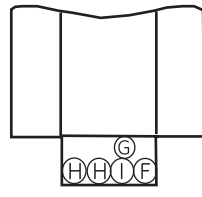


Fig. 3

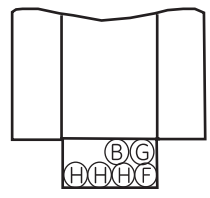


Fig. 4

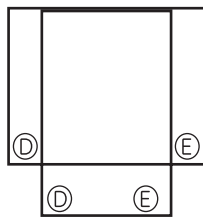


Fig. 5

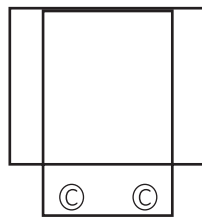


Fig. 6

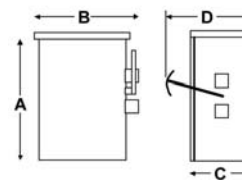


Fig A

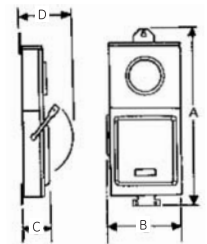


Fig B

Dimensions

- A = 1", 1-1/4", 1-1/2"
- B = 1-1/4", 1-1/2", 2"
- C = 2", 2-1/2", 3"
- D = 1", 1-1/4", 1-3/4"
- E = 1-1/4", 1-3/4", 2"
- F = 1/2", 3/4", 1"
- G = 11/16"
- H = 2", 2-1/2", 3", 3-1/2"
- I = 3/4", 1", 1-1/4", 1-1/2", 2"
- J = 1/4"