

Description:

Nav-Tech disconnect and transfer switches provide safe, code-compliant power isolation and source switching across a wide range of electrical systems. Fusible disconnects are offered in general-duty and heavy-duty configurations up to 4000A — UL Standard 90 listed, service-entrance rated, with silver-plated copper bus and ratings up to 200kA AIC. Automatic transfer switches (ATS) range from 60A to 1200A in open- or closed-transition designs, while UL 1008-listed manual transfer switches (MTS) offer lockable On/Off/Auxiliary operation. NEMA 1, NEMA 3R, and NEMA 4X enclosures deliver durability, flexibility, and compliance with UL standards across a wide range of applications.

Contents:

General Duty Disconnect Switches
Heavy Duty Fusible Disconnect Switches
Automatic Transfer Switches (ATS)
Manual Transfer Switches (MTS)



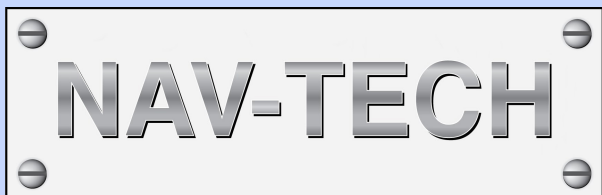


Features

- Designed for residential and light commercial applications where duty is not severe.
- Listed per UL Standard 90, Enclosed and Dead Front Switches.
- UL Service Entrance rated when installed in accordance with the National Electrical Code.
- Meets NEMA Enclosed Switch Standard KS1-1990 for Type.
- General Duty.
- Padlockable in off position.
- Underground and overhead Exit/Entry provisions standard from factory.
- Hinge cover screw fastened door construction.
- Roof Knockout sealable cover plates available and sold separately.
- Active safety latch keeps cover closed when switch is in on position.
- Neutral to ground bonding kit included standard.
- Line side top configuration standard, Line bottom configuration available by request.
- 60°C and 75°C conductor rating.
- Disconnect switches are fused.

Product Selection

Part Number	Amperage (A)	Voltage (V)	Phase/Wires	Type	H x W x D (Inches)	Fuse Type
NAV-SS 200-3-F	200	250 MAX	3PH/4W	INDOOR	31-1/4 x 13 x 7	(H) or (K)
NAV-SS 200-3-F-R	200	250 MAX	3PH/4W	OUTDOOR	31-1/4 x 13 x 7	(H) or (K)
NAV-SS 200-2-F	200	250 MAX	1PH/3W	INDOOR	31-1/4 x 13 x 7	(H) or (K)
NAV-SS 200-2-F-R	200	250 MAX	1PH/3W	OUTDOOR	31-1/4 x 13 x 7	(H) or (K)
NAV-SS 400-3-F	400	250 MAX	3PH/4W	INDOOR	49.5 x 22 x 10-1/2	(H) or (K)
NAV-SS 400-3-F-R	400	250 MAX	3PH/4W	OUTDOOR	49.5 x 22 x 10-1/2	(H) or (K)
NAV-SS 400-2-F	400	250 MAX	1PH/3W	INDOOR	49.5 x 22 x 10-1/2	(H) or (K)
NAV-SS 400-2-F-R	400	250 MAX	1PH/3W	OUTDOOR	49.5 x 22 x 10-1/2	(H) or (K)





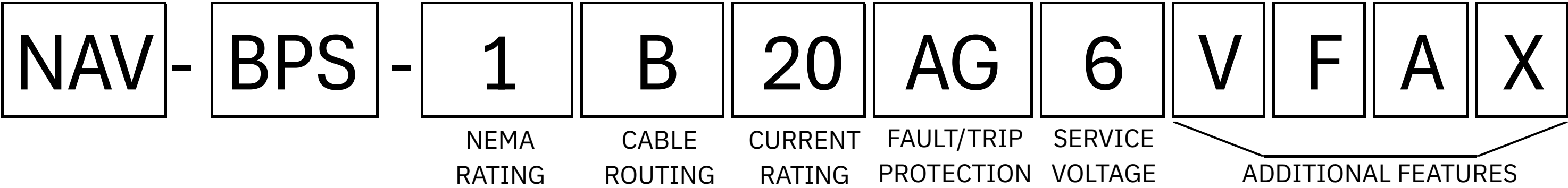
Features

- 400A-4000A MAX disconnects available.
- Listed per UL Standard 90, enclosed and dead front switches.
- UL service entrance rated when installed in accordance with the National Electrical Code.
- Disconnect switches are fused (fusible down to 225A). Fuses sold separately.
- Heavy duty rated enclosed bolted pressure switch.
- 3P – 4W configuration.
- Bus bars silver plated copper - 98% conductivity.
- Ampere fault current rating of 200K AIC.
- Enclosure options are available for indoor, outdoor, weatherproof & NEMA 4X units.
- Terminals included - see spec sheet for number of sets. Additional lugs sold separately.
- Padlockable when off is standard. Padlockable on available by request.
- For 1200A and over models, installed with isolated neutral bus with removable link in center. Includes neutral to ground bonding kit.
- For 800A and under models, installed with only isolated neutral. Neutral with removable link in center available by request.
- Line side top configuration or line bottom configuration available.
- Additional features such as arc flash and ground fault protection are available by request. See enclosed BPS configuration and part number logic page for options.

Heavy Duty Disconnect Switches
Configurations & Part Number Logic

81

*Below is a guide on our enclosed BPS part number logic. Each box of the part number would represent a specific detail or feature included. Please contact us for additional configurations not shown here.



NEMA Rating	
1	NEMA 1 - indoor
3	NEMA 3R - outdoor
4	NEMA 3/4/12 - weatherproof
5	NEMA 4X - stainless steel 304
6	NEMA 4X - stainless steel 316

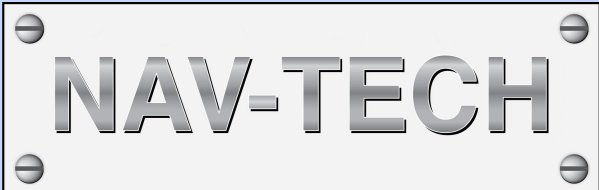
Arc Flash / Ground Fault Protection	
Blank if not required	
AF	Arc flash
G	Ground fault
AG	Arc flash & ground fault
ST	Shunt trip only

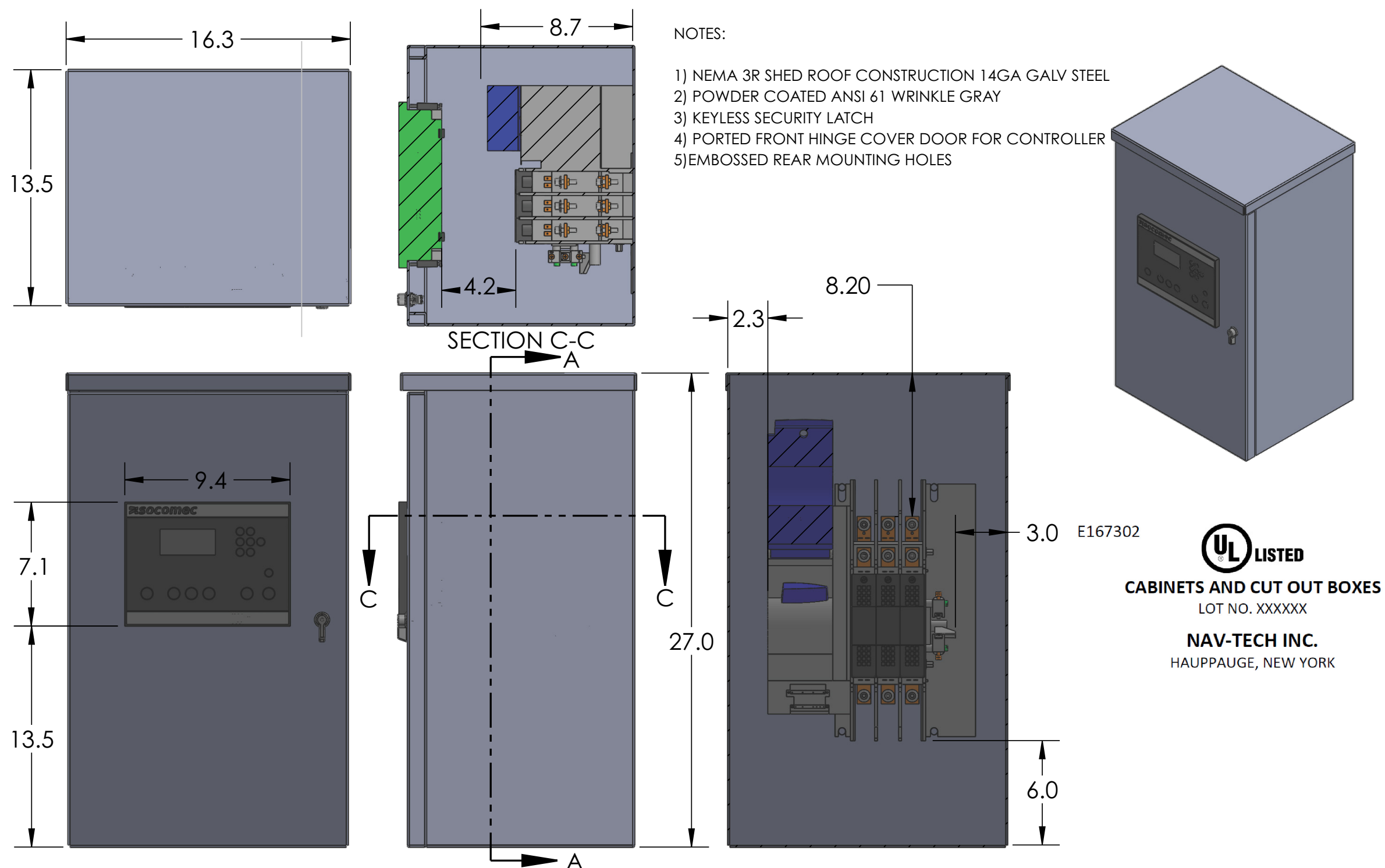
Cable Routing	
T	Top entry - bottom exit
B	Bottom entry - top exit
OH	Top entry & exit
UG	Bottom entry & exit

Service Voltage	
Required with arc flash Or ground fault protection (Blank if not required)	
3	208Y/120V
4	240/120V
6	480Y/277V
8	600Y/347V
9	380Y/220V

Current Rating (A)	
4	400
6	600
8	800
12	1200
16	1600
20	2000
25	2500
30	3000
40	4000

Additional Features	
Blank if already standard Or not required	
V	Viewing window
L	Neutral with removable link
P	Padmount
W	Wall Mounting tabs
F	Painted red
O	Lockable in ON position
K	Key interlock
E	Bus extensions
N	Non-fused (Dummy Links)
A	AUX switch NEMA 1 (1 NO/ 1 NC)
B	AUX switch type 2 (2 NO/ 2 NC)
X	SPD type 1
Y	SPD type 2
Z	SPD type 1 & 2

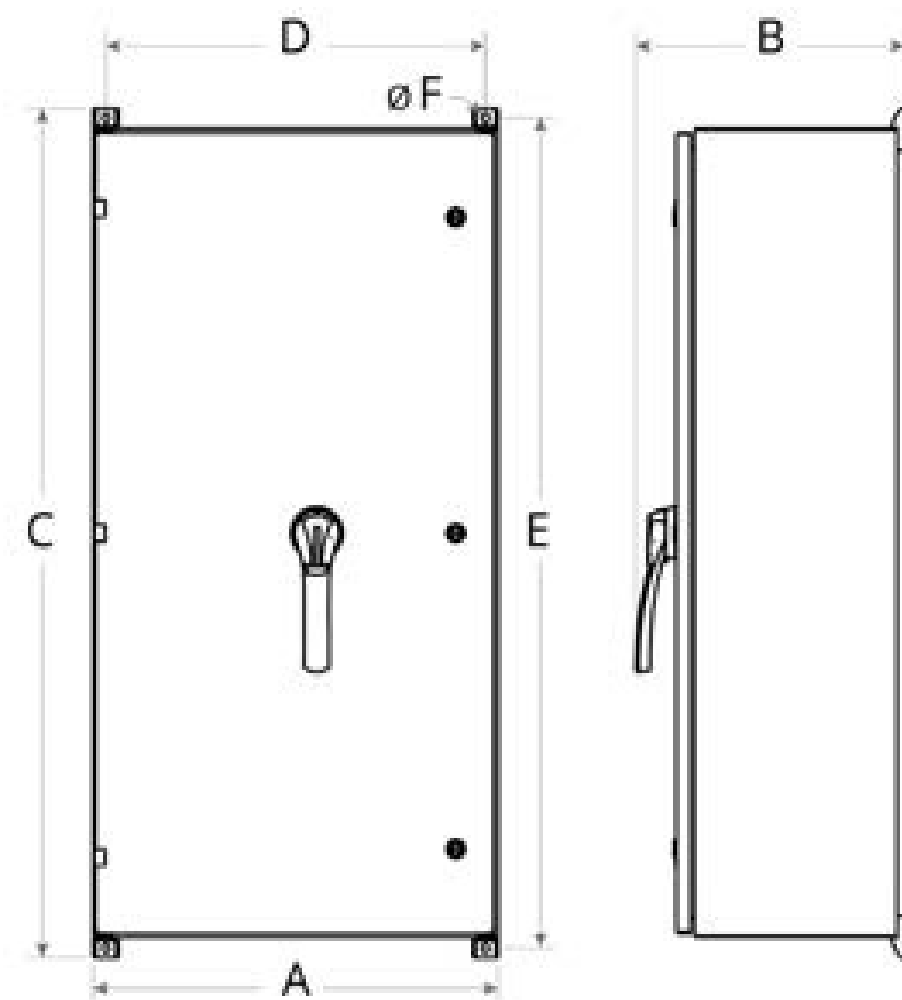
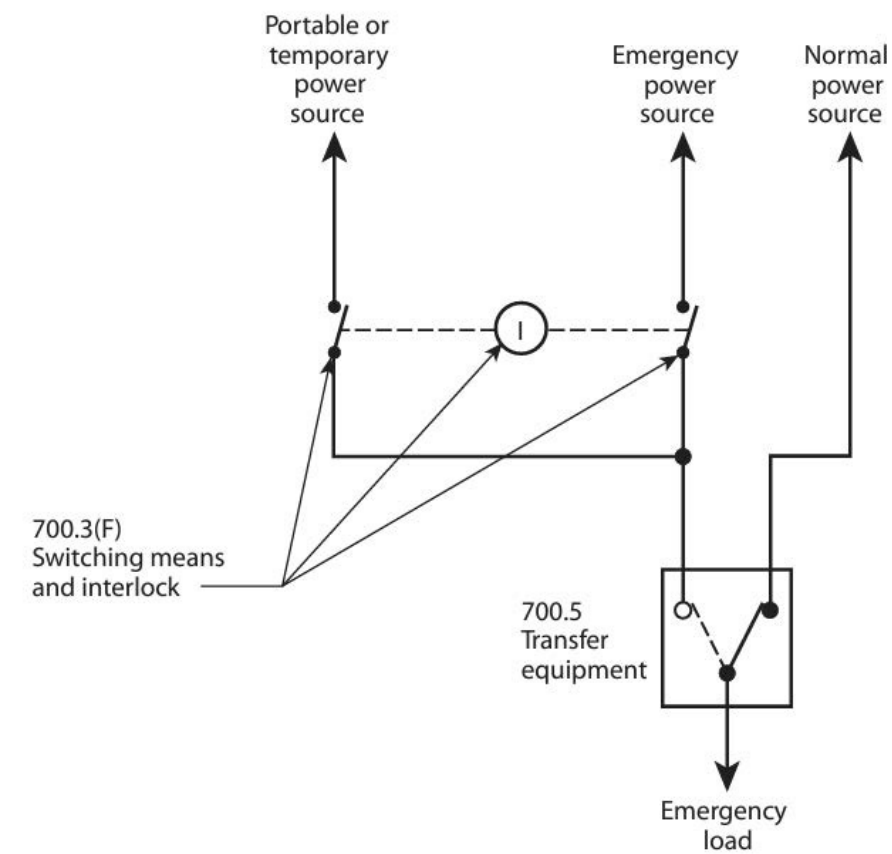




Features

- NEMA 3R (NEMA 4X available).
- Type: (A) Open transition (B) Closed transition.
- Current rating: 60A-1200A.
- Poles: 2, 3.
- Solid neutral.
- Service entrance rated available.
- Breaker type: (1) Thermal-magnetic molded case, (2) Electronic trip (LSI/LSIG).
- Interrupting rating: 65KAIC or 100KAIC.
- UL Listed.
- User-friendly digital controller, factory-set with common time delays and setpoints.





Features

- UL1008 listed manual transfer switch.
- Available for single phase and three phase power.
- Rotary operator handle mounted on door, lockable in three positions: On Line, Off, and On Auxiliary.
- NEMA Type 4/12 powder-coated steel wall-mount enclosure standard. 4X-316 stainless steel enclosures available.
- Compact, fully enclosed switching mechanism.
- 2-pole and 3-pole models furnished with solid neutral bar. 4-pole models equipped with switched neutral on fourth pole.
- Lugs factory installed for connection to switch poles.
- Factory installed auxiliary contacts for remote ON/OFF signaling or electrical interlocking.
- Suitable for indoor and outdoor installations.

