

TRIPLESWITCH™

70-800A, up to 600VAC
MANUAL TRANSFER SWITCH

Series: 3120, 3140, 3160, 3180



- Quick Connect Solution for a Backup Portable Generator
- Solution for Permanent Generator Load Bank Testing
- Interlocking Mechanism Prevents Cross-connecting Power Sources
- Safety-interlocked Door & Dead Front Panel for Safe Generator Connection and Operation
- Disconnects are Circuit Breakers as Standard (Optional Molded Case Switches Available)
- Color-coded Cam-style Receptacles for Easy Back-up Generator & Load Bank Connection
- Optional Pin & Sleeve Reverse Service Receptacle Inlets
- Type 3R Heavy Gauge Stainless Steel Enclosure (Stainless Steel & Colors Optional)
- Hinged Plate Secures Cord Entries when Not in Use
- Optional Handle Cover Provides Security from Unauthorized Use

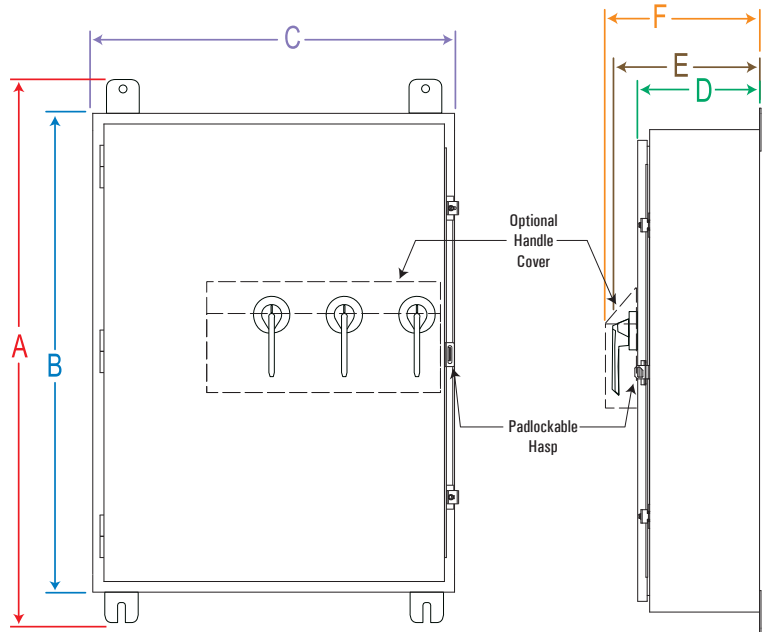




SPECIFICATIONS

3100-TripleSwitch

Dim	3120	3140	3160	3180
A	34"	49"	56"	58"
B	30"	45"	53"	55"
C	24"	34"	42.5"	46"
D	10.2"	11.5"	12.25"	13.33"
E	12.84"	14"	14.75"	15.88"
F	13.15"	14.38"	15.1"	16.2"



FRONT VIEW

RIGHT VIEW

THOR



POWER

ORDERING INFO:

S3D4W - 400 C - 400 C - 400 C - 480 - 301 - S - V

Model
S3D2W = 3120 Series
S3D4W = 3140 Series
S3D6W = 3160 Series
S3D8W = 3180 Series

Load Bank Amps (Maximum Test Current)

Permanent Generator Amps

Backup Generator (Maximum Input Amps)

Voltage
240-208 - 240VAC
480-380 - 480VAC
600-600VAC

Number of Phases

Inlets (Male), Outlets (Female)
S = 400A Cam-style
6 = 690A Cam-style
L = Pin & Sleeve
P = Pigtail

Load Bank Disconnect
C = Molded Case Circuit Breaker
S = Molded Case Switch

Permanent Generator Disconnect
C = Molded Case Circuit Breaker
S = Molded Case Switch

Backup Generator Disconnect
C = Molded Case Circuit Breaker
S = Molded Case Switch

Neutral
0 = None
1 = Male
2 = Male & Female
3 = (2) Males
4 = (2) Females
5 = (1) Female

Ground
1 = Male
2 = Male & Female
3 = (2) Males
4 = (2) Females
5 = (1) Female

V = Optional Handle Cover

RATING:

Model	Current Rating (Amps)	Voltage Rating (VAC)	Line / Load Terminals	Ground Lug	Cam-style Receptacle Size (Amps)	Enclosure Material
3120 Series	70, 100, 125, 150, 175	up to 480V	(1) #4 - 3/0	#6 - 250kcmil	400	14GA CRS (Powder Coated)
	200, 225	up to 480V	(1) 2/0 - 350kcmil	#6 - 250kcmil	400	14GA CRS (Powder Coated)
3140 Series**	160-400	up to 600V	(1) #2 - 500kcmil	#6 - 250kcmil	400	12GA CRS (Powder Coated)
3160 Series	300, 350, 400, 450, 500, 600	up to 600V	(3) 3/0 - 500kcmil	#6 - 300kcmil	(2) 400 or (1) 690	12GA CRS (Powder Coated)
3180 Series	300, 350, 400, 450, 500, 600, 700, 800	up to 600V	(3) 3/0 - 500kcmil	#6 - 300kcmil	(2) 400	12GA CRS (Powder Coated)

* If neutral configuration is required, please contact ESL for details.
** 3140 Series with circuit breaker are furnished with adjustable electronic trips.



Thor Power

P.O. BOX 940729

Houston, TX 77094-7729

www.thorpower.com • solutions@thorpower.com