Connection Cabinets

FFCC-S1 Series

The FFCC-S1 Series 3-Way Manual Transfer Switch Connection Cabinet allows for maximum redundancy when considering load bank testing and portable generation. This unit allows for isolated load bank testing which gives the facility the ability to have a portable generator tied in at the same time. These units are equipped with colour coded camlock receptacles allowing for quick and easy load bank and portable generator connection. Units can also be assembled for service entrance applications. Assemblies are available with up to 1200A mains, certified to cULus standards and NEC 700.3F compliant.



- 5052 Aluminum Construction
- Type 3R Weatherproof Enclosure
- Fully Welded Construction
- Wall-Mount Design
- Certified to cULus Standards

- Dead Front Cover

- Three Interlocked Breakers

- Color Coded Camlock Receptacles
- Standard Mechanical Lugs Kit
- Angled Camlock Plate fo Secure Connection

- Bottom Cable Access Door

- Door c/w 3 Pt. SS Pad-Lockable Handle

- Stainless Steel Hinges with Removable Pins

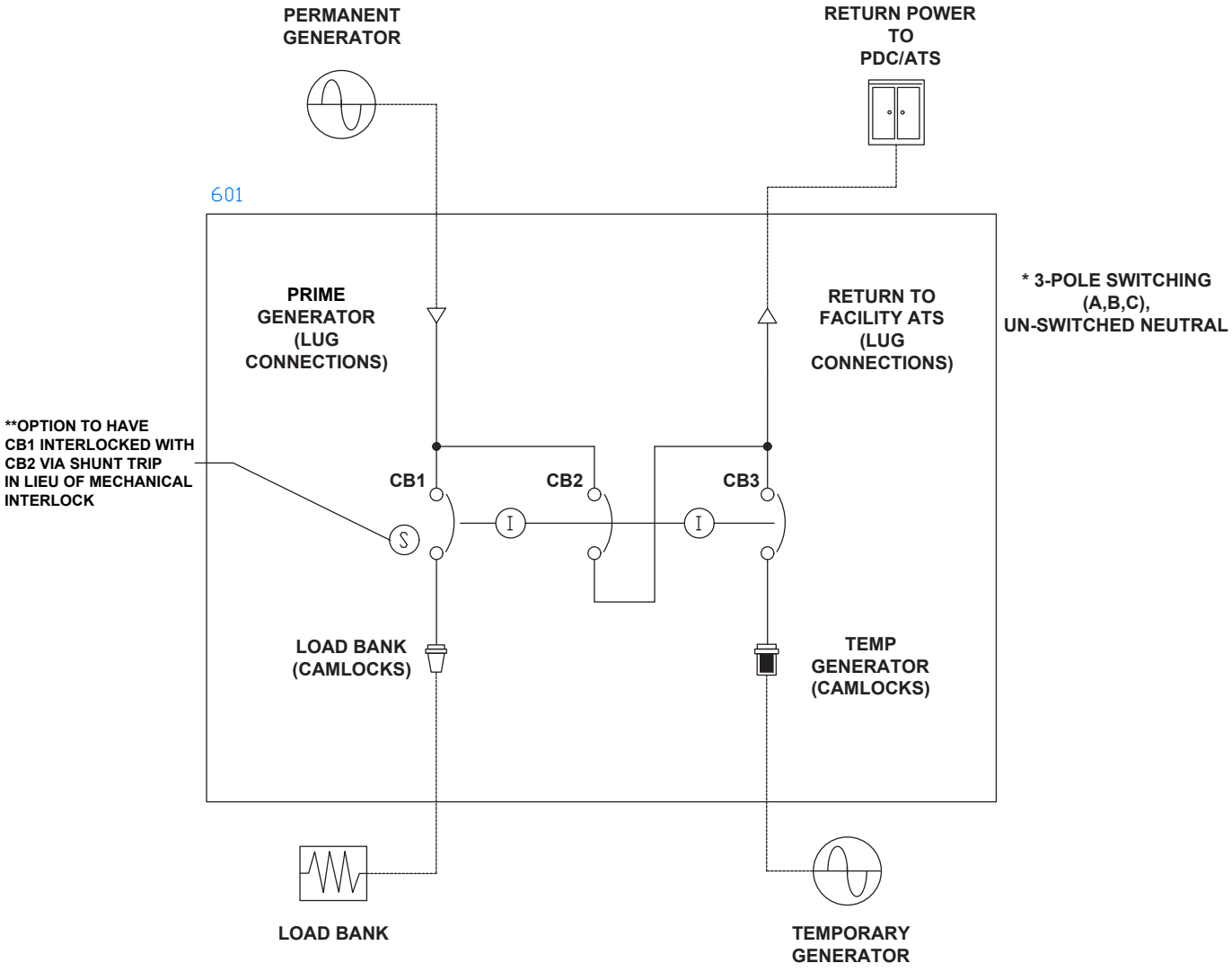
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Foxfab Power Solutions
#102, 18725 - 25th Ave, Surrey, BC Canada, V3Z 2A1 Toll Free: (877) 468-0305 Email: Quotes@foxfab.com

Connection Cabinets
FFCC-S1 Series

Foxfab POWER SOLUTIONS

One-Line Diagram



THREE-WAY MANUAL TRANSFER SWITCH - EMERGENCY BACK-UP POWER NEEDS FULFILLED VIA ALL-IN-ONE TEMPORARY GENERATOR DISTRIBUTION SYSTEM.

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FFCC-S1 Series

Foxfab POWER SOLUTIONS

Product Selector

FFCC-S1 - [ ] - [ ] - [ ] [ ] [ ] - [ ] [ ] [ ] - [ ] [ ] [ ] - [ ] - [ ] - [ ] PART NO.

FFCC-S1 - U3 - A - 1200 TM 80 - 1200 TM 80 - 1200 TM 80 - ALU - LA - AC EX.

ASSEMBLY SCCR (kA)

	600V	480V	240V
A =	25	35	65
B =	35	65	100
C =	50	100	200

LOAD BANK C.B. AMPS
100-1200

LOAD BANK C.B. TRIP UNIT
TM = THERMAL MAGNETIC
LSI = ELECTRONIC LSI
LSIG = ELECTRONIC LSIG
KS = MOLDED CASE SWITCH

PORTABLE GEN. C.B. AMPS
100-1200

PERMANENT GEN. C.B. RATING
80 = 80% RATED
100 = 100% RATED

ENCLOSURE CONSTRUCTION
ALU = 5052 ALUMINUM
304 = 304 STAINLESS STEEL
316 = 316 STAINLESS STEEL

ACCESSORIES (ACC)
AXX = 400A CAMLOCK CABLE SET (XX = FT)
AA = CAMLOCK SNAP COVERS
AB = CUSTOM POWDER COAT COLOUR
AC = HEATER W/ STAT
AD2 = GFCI RECEPTACLE
AD3 = RECEPTACLE
AD5 = RECEPTACLE
AE = KEY INTERLOCK
AF = TERMINAL STRIP
AF2 = TWO WIRE START CONTACTS
AG = PHASE SEQUENCE MONITOR
AH = POWER METER
AI = MICRO-SWITCH
LEG = LEG STAND SET
BE = BOTTOM ENTRY
ERMS = ENERGY REDUCTION MAINTENANCE SETTING
SH24 = SHUNT TRIP 24V
SH120 = SHUNT TRIP 120V
LDR = LOAD DUMP RECEPTACLE
SER = SERVICE ENTRANCE ACCESS
SPD = SURGE SUPPRESSION DEVICE
VI = VOLTAGE INDICATOR
2WSDS = TWO WIRE START CONTACTS C/W SOURCE DESTINATION SWITCH
BLANK = NONE
FOR MORE DETAILS CONTACT US

USA

VOLTAGE	CAMLOCK COLOUR GUIDE				
	A	B	C	N	G
U1 = 120/240V (1PH + N + G)	BLK	RED		WHT	GRN
U2 = 240V (3PH + G)	BLK	RED	BLU		GRN
U3 = 208Y/120V (3PH + N + G)	BLK	RED	BLU	WHT	GRN
U4 = 480Y/277V (3PH + N + G)	BRN	ORG	YEL	WHT	GRN
U5 = 480V (3PH + G)	BRN	ORG	YEL		GRN

CANADA

VOLTAGE	CAMLOCK COLOUR GUIDE				
	A	B	C	N	G
C1 = 120/240V (1PH + N + G)	RED	BLK		WHT	GRN
C2 = 240V (3PH + G)	RED	BLK	BLU		GRN
C3 = 208Y/120V (3PH + N + G)	RED	BLK	BLU	WHT	GRN
CU4 = 480Y/277V (3PH + N + G)	RED	BLK	BLU	WHT	
CU5 = 480V (3PH + G)	RED	BLK	BLU		GRN
C4 = 600Y/347V (3PH + N + G)	RED	BLK	BLU	WHT	GRN
C5 = 600V (3PH + G)	RED	BLK	BLU		GRN

LOAD BANK C.B. RATING
80 = 80% RATED
100 = 100% RATED

PERMANENT GEN. C.B. AMPS
100-1200

PERMANENT GEN. C.B. TRIP UNIT
TM = THERMAL MAGNETIC
LSI = ELECTRONIC LSI
LSIG = ELECTRONIC LSIG
KS = MOLDED CASE SWITCH

PORTABLE GEN. C.B. TRIP UNIT
TM = THERMAL MAGNETIC
LSI = ELECTRONIC LSI
LSIG = ELECTRONIC LSIG
KS = MOLDED CASE SWITCH

PORTABLE GEN. C.B. RATING
80 = 80% RATED
100 = 100% RATED

LUG CONFIGURATIONS (PER POLE)

AMPS	OPTION LA	OPTION LB	OPTION CL (CUSTOM LUGS)
100A	(1) #6 AWG - 250MCM, (1) #2 GND	(1) #4 AWG - 600MCM, (1) #1/0 GND	CONSULT FACTORY
200A	(1) #6 AWG - 250MCM, (1) #2 GND	(1) #4 AWG - 600MCM, (1) #1/0 GND	
400A	(2) #6 AWG - 250MCM, (2) #2 GND	(1) #4 AWG - 600MCM, (1) #1/0 GND	
600A	(2) #4 AWG - 600MCM, (2) #1/0 GND	(2) 300 - 800 MCM, (2) #2/0 GND	
800A	(3) #4 AWG - 600MCM, (3) #1/0 GND	(2) 300 - 800 MCM, (2) #2/0 GND	
1200A	(4) #4 AWG - 600MCM, (4) #1/0 GND	(3) 300 - 800 MCM, (3) #2/0 GND	

**FOR CUSTOM LUG SIZES, SPECIFY WHEN PLACING ORDER

Max Ratings

- 1200A
- 600VAC

Dimensions & Est. Weights

• 42”H x 36”W x 16”D (100A - 250A)	275LB
• 60”H x 36”W x 24”D (400A)	373LB
• 68”H x 48”W x 24”D (800A -1200A)	810LB

4P Units, consult with factory

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