

Technical drawing of a 1000V 1000A switchgear, showing front, top, and side views with detailed component callouts and torque specifications.

Front View (Top): Shows the main switchgear assembly with callouts 1 through 61. Key components include the main switch (1), circuit breaker (2), and various internal components (3-61). Torque specifications are provided for wire tightening (72 IN-LBS) and terminal nuts (76 IN-LBS).

Top View (Left): Shows the top of the switchgear with callouts 1 through 61. Key components include the main switch (1), circuit breaker (2), and various internal components (3-61). Torque specifications are provided for wire tightening (72 IN-LBS) and terminal nuts (76 IN-LBS).

Side View (Bottom): Shows the side of the switchgear with callouts 1 through 61. Key components include the main switch (1), circuit breaker (2), and various internal components (3-61). Torque specifications are provided for wire tightening (72 IN-LBS) and terminal nuts (76 IN-LBS).

Detail A (Bottom Left): A detailed view of the main switch (1) and circuit breaker (2) assembly, showing callouts 1 through 61. Scale: 0.800.

Detail B (Bottom Right): A detailed view of the main switch (1) and circuit breaker (2) assembly, showing callouts 1 through 61. Scale: 0.800.

Section A-A (Right): A cross-sectional view of the switchgear, showing callouts 1 through 61. Scale: 1.000.

Section B-B (Bottom Right): A cross-sectional view of the switchgear, showing callouts 1 through 61. Scale: 1.000.

EXPLODED VIEW: 100 A SERVICE ENTRANCE CSA ASSEMBLY
DRAWING #: 0H4557A

GROUP C

APPLICABLE TO:

ITEM	PART #	QTY.	DESCRIPTION
1	0D9618	1	XFRSW HSB 200A 2P 250V
2	0E6423	5	NUT HEX FL WHIZ M5-0.8
3	0E3375	4	LUG SOLDERLESS 250MCM-#6 AL/CU
4	022097	6	WASHER LOCK M6-1/4
5	0F1252	4	SCREW BHSC 1/4-20 X 3/8
6	0E6033	2	90 DEGREE DN SPADE CONNECTOR
7	0E6034	3	STRAIGHT SPADE CONNECTOR
8	0E6303	2	WIRE A 7.0"
9	0E6303B	1	WIRE E1 3.0"
10	0G4478	1	CB 200A 2 POLE 240V 225AF
11	053640	2	SCREW RHM #8-32 X 3-1/4 MACHINE SLOTTED
12	0F8451	2	LUG SLDLSS 300 MCM-6 AL/CU
13	0F8843	2	BUS BAR 200A LUG ADAPTOR
14	049897	4	SCREW LOW HEAD SOCKET HEAD (METRIC COARSE)
15	022145	2	WASHER FLAT 5/16-M8 ZINC
16	022129	6	WASHER LOCK M8-5/16
17	045771	2	NUT HEX M8-1.25 G8 CLEAR ZINC
18	043107	2	SCREW HHC M8-1.25 X 25 G8.8
19	0E3717A	2	ASSY-NEUT BLK 200-400A W/TAP
20	0G8411	7	NUT HEX FL WHIZ 1/4-20
21	026850	3	WASHER SHAKEPROOF EXT 1/4 STL
22	0H4695	1	BUSBAR NEUTRAL BLOCK
23	0G6320	1	GROUND BAR (5)2-14 AWG CONN
24	085889	2	NUT HEX 1/4-20 STAINLESS STEEL
25	0H0109	1	ENCL NEMA 3R CSA SER ENT

ITEM	PART #	QTY.	DESCRIPTION
26	0H0107	1	BRACKET ENCLOSURE SEPARATION
27	0H0110	1	INSIDE COVER UTILITY SIDE
28	0H0111	1	INSIDE COVER SWITCH SIDE
29	0H4262	1	COVER CSA 200 AMP
30	0H4285	1	RISER CIRCUIT BREAKER CSA
31	0H4553	1	BRACKET CB LOCKOUT
32	0H4581	1	BRACKET CIRCUIT PROTECTION
33	0H4555	1	HARNESS 200A CSA SERV ENT
34	0H5000A	1	WIRE, 3/0 N1A
35	0H5000B	1	WIRE, 3/0 N2A
36	0H5001	1	WIRE, NEUTRAL JUMPER
(1)37	024334	2	BOLT CARRIAGE 1/4-20 X 1
38	0E7213	1	SCREW THUMB 1/4-20 X1/2 W/SHLD
39	0D6162	2	RIVET POP .156 X .362 AL
40	0H5405	1	ARM EXTENDER PIN CSA
41	0E6193	1	BRACKET, ARM EXTENDER
(1)42	0C6748	18	NUT HEX LOCK M4-0.7 SS NYL INS
(1)43	063617	1	RELAY PNL 12VDC DPDT 10A@240VA
44	0H1605	1	BLOCK TERM 20A 5 X 6 X 1100V
45	026902	1	SCREW HHTT #8-32 X 3/8
46	0D2806	1	FUSEBLOCK 30A 600V 2POS W/SQ
47	073590A	2	FUSE 5A X BUSS
48	036949	6	1/4-20 X 1/2" SCREW, PPHM
49	056326	1	TRIM VINYL BLACK 1/8GP
50	0G4413	2	SPACER,200 AMP TRANSFER SWITCH
51	072252	1	GROMMET 1.37 X .06 X 1.00
52	058000E	4	NUT TRIC 1/4-20 X .525
53	0C2262	1	DECAL TERMINAL STRIP
54	0D3587	1	DECAL, FUSE REPLACEMENT
55	0E3484	1	DECAL WARN MANUAL OPER HANDLE
56	0G3259	1	DECAL TERMINAL SHOCK HZD BI
57	0G4220	1	DECAL, NEUTRAL CONNECTION
58	0G8535	1	DECAL,TRANSFER SWITCH ID 200A
59	0G9651A	1	DECAL, UTILITY SOURCE CONN
60	0G9651B	1	DECAL, GENERATOR/CUSTOMER CONN
61	0G9651C	1	DECAL, UTILITY DISCONNECT
62	0H0497	1	DECAL, RTS SERVICE ENTRANCE TRANSFER SWITCH
63	0H1480	1	DECAL TEST SEQUENCE
64	0H5333B	1	DECAL,XFER SW SE 120/240
65	0H5388	1	DECAL LIVE CIRCUIT
66	0H5460	2	STANDOFF, HEX M4-0.7 X 10

(1) INCLUDED WITH HARNESS