

COMPONENT IDENTIFICATION

ITEM	QTY	DESCRIPTION
1	1	CLOSED-OPEN POSITION INDICATORS WITH PADLOCK PROVISIONS
2		
3	1	NAMEPLATE WITH RATINGS AND LINE DIAGRAM
4	1	COLOR CODED PRESSURE GAUGE
5	1	SF6 FILL VALVE (SWITCH FACTORY FILLED AT 10 PSIG)
6	2	2/0 AWG GROUND LUGS
7	1	REMOVABLE OPERATING HANDLE WITH ADJUSTABLE ADAPTER & STORAGE PROVISION
8	4	LIFTING EYES FOR SWITCH
9	1	GALVANIZED SWITCH FRAME WITH (4) 7/16 DIA MOUNTING PROVISIONS
10	2	200 AMP DEEPWELL BUSHINGS
11		
12	1	304L STAINLESS STEEL SWITCH TANK WITH ASA #70 LIGHT GRAY FINISH
13	2	ENCLOSURE GROUNDING PROVISION WITH 9/16" DIAMETER HOLES
14	1	REMOVABLE PADMOUNT ENCLOSURE WITH DOUBLE DOORS AND HINGED TOP. INCLUDES (4) 5/8" DIAMETER MOUNTING BRACKETS, (4) REMOVABLE LIFTING BRACKETS, 3 POINT LATCH, PENTAHEAD BOLT AND OPENING STAYS FOR DOORS AND TOP.
15	2	PARKING STANDS
16	1	WINDOW FOR VISIBLE BREAK AND POSITION INDICATING PLAQUE
17	4	MOTOR OPERATOR MOUNTING PROVISION (STUDS ONLY)
18	9	BUSHING PROTECTIVE SHIPPING CAPS
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SWITCH RATINGS

MAXIMUM DESIGN VOLTAGE	27 kV
BIL IMPULSE WITHSTAND	125 kV
AC ONE MINUTE WITHSTAND	60 kV
DC FIFTEEN MINUTE WITHSTAND	96 kV
CORONA EXTINCTION AT 3 PC SENSITIVITY	19 kV
OPEN GAP BIL IMPULSE WITHSTAND **	200 kV
LOAD INTERRUPTING AND LOOP SWITCHING	600 A
MAGNETIZING CURRENT SWITCHING	25 A
CAPACITIVE CURRENT SWITCHING	40 A
CONTINUOUS CURRENT *	600 A
EIGHT HOUR OVERLOAD CURRENT *	900 A
ASYMMETRICAL MOMENTARY AND THREE SHOT FAULT CLOSE *	22.5 kA
SYMMETRICAL ONE SECOND RATING *	15 kA
NORMAL OPERATING PRESSURE RANGE (PSIG)	2 - 15
OVERLOAD INTERRUPTING CAPACITY	2500 A
MECHANICAL LIFE OPERATIONS	2000
CORROSION RESISTANCE PER ASTM-B-117-54 (HOURS)	2000
MAXIMUM GAS LEAKAGE (cc/SECOND)	10 ⁻⁷

* WHEN 200 AMP ELBOWS ARE USED, THE CONTINUOUS CURRENT, OVERLOAD, MOMENTARY AND ONE SECOND RATINGS WILL BE REDUCED. TYPICALLY, 200 AMP ACCESSORIES ARE RATED 200 AMP CONTINUOUS, 300 AMP EIGHT HOUR OVERLOAD, 15 kA ASYMMETRICAL MOMENTARY AND 10 kA SYMMETRICAL FOR 1/2 SECOND.
 ** WITH TANK AND ADJACENT PHASES FLOATING

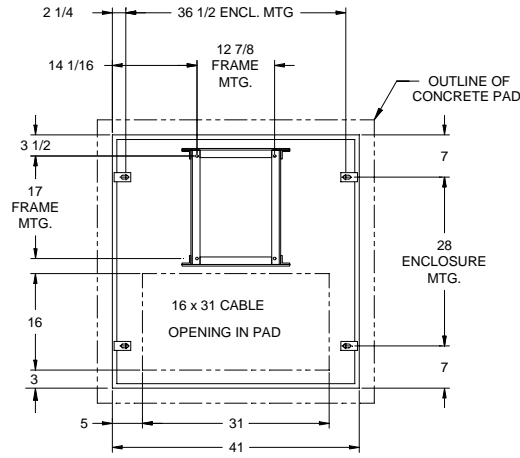
SPECIFICATIONS

SWITCH PER ANSI C37.71 AND ANSI C37.72

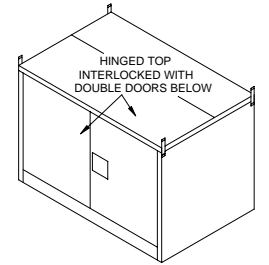
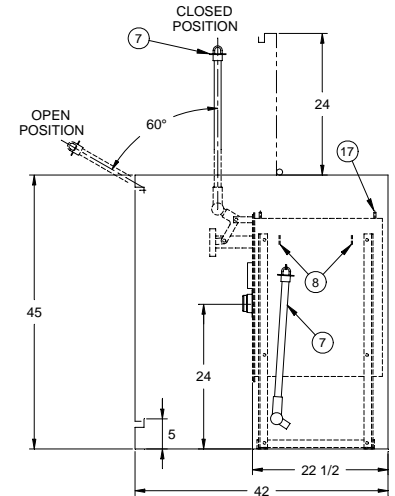
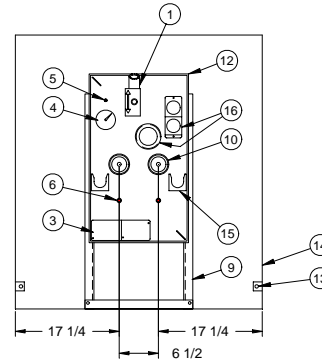
BUSHINGS PER ANSI/IEEE 386

COMMERCIAL GRADE SF6 GAS PER ASTM D-2472

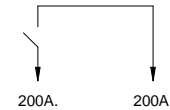
12 GAUGE MILD STEEL, TAMPER RESISTANT PADMOUNT ENCLOSURE PER ANSI C37.72 & ANSI C57.12.28 PAINTED GREEN (7 GY 3.29/1.5) WITH STAINLESS STEEL HARDWARE



PLAN VIEW



PUFFER PAK[®] LOAD BREAK SWITCH



LINE DIAGRAM AND BUSHING TYPE

PADMOUNT SF6 SWITCH
 1-PHASE, 2-WAY WITH 1-SWITCHED WAY
 RATED 27 kV, 600 AMP, 22.5 kA ASYM

CATALOG NO. PG61-21-27
 MODEL NO. 22/VB/PS2
 WEIGHT: 500 lbs.

CANADA POWER PRODUCTS CORP.

CPP # 801C1133 DATE 16MAR99
 REV/ECN # _____ DRAWN _____ DH _____
 ENGINEER _____ DATE _____

QUOTE APPROVAL PRODUCTION

NOTE:
 ALL DIMENSIONS SHOWN
 ARE IN INCHES