



**FRONT VIEW**

LOCATION OF GROUND FAULT RELAY, RELAY FRONT 3 WIDE x 3.25 HIGH (RELAY COVER 3.125 W x 3.375 H) MAY BE EXTENDED THRU FRONT, IF DESIRED

FUSE DOOR HINGED ON RIGHT

MINIMUM 4.75

2.25

1.75

OPERATOR SHAFT

7.5

4

4.125

3.375

1.75

1.5 DIA HOLE REQUIRED FOR SWITCHES WITH KEY INTERLOCK OR DEADBOLT LOOK

**SECTION A-A**

NOTE: FOR WIRING DIAGRAM OF GROUND FAULT RELAY REFER TO DWG. NO. O-1431.

(ILLUSTRATES NEUTRAL ONLY)

**SIDE VIEW**

7/16 DIA. HOLE FOR GROUND LUG

**OPERATOR DETAILS**

FOR OPERATOR DETAILS AND ALTERNATE FRONT CUT-OUTS, REFER TO DWG. NO. O-1090A

**KEY INTERLOCK**

KEY INTERLOCK SPECIFICATIONS FOR SWITCHES EQUIPPED WITH KEY INTERLOCK PROVISIONS ARE:

- .375 BOLT PROJECTION WHEN WITHDRAWN
- KIRK TYPE B
- SUPERIOR TYPE B6003

**VENTILATION**

WHEN THE SWITCH IS TOTALLY ENCLOSED, VENTILATING LOUVERS MUST BE PROVIDED YIELDING A MINIMUM OPEN AREA OF "H" SQUARE INCHES NEAR THE TOP OF THE ENCLOSURE, AND "H" SQUARE INCHES NEAR THE BOTTOM OF THE ENCLOSURE.

AMP	CATALOG #	NET WEIGHT	A	B	C	D	E	F	H
800	VLB347-66	214	27	1.625	2.375	.375	3	.25	NONE
1200	VLB348-66	216	29.5	3.125	3.375	.375	3	.31	NONE
1600	VLB349-66	218	29.5	3.125	3.375	.375	3	.375	60 SQ. IN.
2000	VLB3410-66	235	29.5	3.125	3.375	.5	3.125	.5	60 SQ. IN.
2500	VLB3411-66	250	29.5	3.125	3.375	.625	3.125	.625	80 SQ. IN.
3000	VLB3412-66	262	29.5	3.125	3.375	.75	3.125	.75	120 SQ. IN.

† CATALOG NO. AS SHOWN IS FOR 3 POLE, 4 WIRE, 277/480 VOLT SYSTEMS. SUFFIX "6" WILL CHANGE FOR OTHER SYSTEMS AS FOLLOWS:

POLE	WIRE	VOLTAGE	SUFFIX
2	3	120/240	1
3	3	240	2
3	4	120/208	3
3	4	120/240	4
3	3	480	5
3	3	600	7 ††
3	4	347/600	8 ††
3	4	220/380	9

†† SUFFIX 7 & 8 ARE NOT AVAILABLE ON 2500 AND 3000 AMP

**RECOMMENDED FRONT CUT-OUT**

**Series VLB Switches with Integral Ground Fault Element**

SCALE: APPROVED BY: DRAWN BY: WCE

DATE: 11-27-90

REVISED: 12

**boltswitch, inc.**  
CRYSTAL LAKE, ILLINOIS 60014

DRAWING NUMBER: **O-1291**

REV. 12 1-5-16 JWE 5.25 WAS 5.375 @ OPERATOR SHAFT  
 REV. 11 8-19-99 JAE ADDED SUFFIX -G7 & -G8 ON 800-2000A  
 REV. 10 3-20-96 WCE UPDATED FOR MOLDED BASE