


JANUARY 20, 1996

BULLETIN

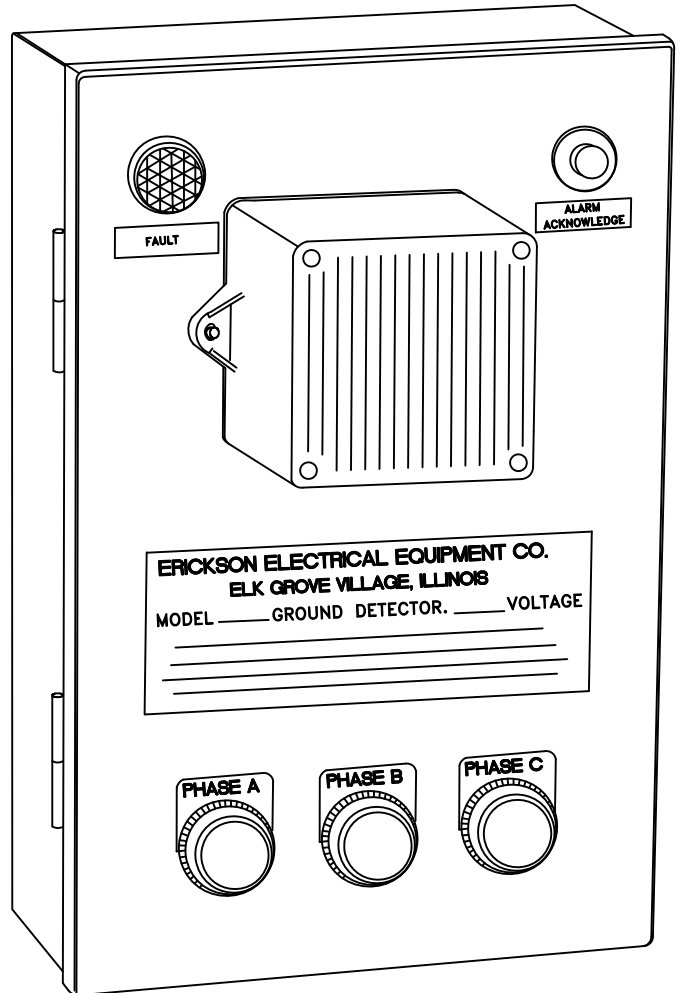
GD-96

The Erickson logo features a stylized 'E' with a horizontal line through it, followed by the word 'Erickson' in a bold, serif font.

[www.ericksonelectric.com](http://www.ericksonelectric.com)

# GROUND DETECTORS

For Use On 3Ø 3W  
Delta  
Ungrounded  
Systems



MODEL 'XVAP'  
THREE PHASE GROUND DETECTOR

POSITIVE DETECTION OF GROUND  
FAULT TO PREVENT UNSCHEDULED  
SHUTDOWN AND POSSIBLE HAZARD,  
DAMAGE AND EXPENSE.



ERICKSON ELECTRICAL EQUIPMENT CO.  
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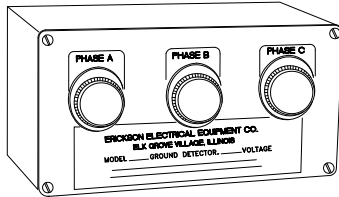
<b>ITEM NUMBER</b>	<b>DESCRIPTION --- NEMA 1 ENCLOSURE (INDOOR USE)</b>	<b>FIGURE</b>
P120	120V VISUAL ONLY	1
P240	240V VISUAL ONLY	1
P480	480V VISUAL ONLY	1
P600	600A VISUAL ONLY	
XVAP120	120V AUDIBLE/VISUAL	3
XVAP120FB	120V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK	3
XVAP240	240V AUDIBLE/VISUAL	3
XVAP240FB	240V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK	3
XVAP480	480V AUDIBLE/VISUAL	3
XVAP480FB	480V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK	3
XVAP600	600V AUDIBLE/VISUAL	3
XVAP600FB	600V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK	3
YXVAP120	120V AUDIBLE/VISUAL WITH PUSH TO TEST LIGHTS	
YXVAP120FB	120V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK WITH PUSH TO TEST LIGHTS	3
YXVAP240	240V AUDIBLE/VISUAL WITH PUSH TO TEST LIGHTS	3
YXVAP240FB	240V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK WITH PUSH TO TEST LIGHTS	3
YXVAP480	480V AUDIBLE/VISUAL WITH PUSH TO TEST LIGHTS	3
YXVAP480FB	480V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK WITH PUSH TO TEST LIGHTS	3
YXVAP600	600V AUDIBLE/VISUAL WITH PUSH TO TEST LIGHTS	3
YXVAP600FB	600V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK WITH PUSH TO TEST LIGHTS	3

**ITEM NUMBER      DESCRIPTION --- NEMA 3R ENCLOSURE (OUTDOOR USE)**

WPP120	120V VISUAL ONLY	2
WPP240	240V VISUAL ONLY	2
WPP480	480V VISUAL ONLY	2
WPP600	600A VISUAL ONLY	2
WPXVAP120	120V AUDIBLE/VISUAL	4
WPXVAP120FB	120V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK	4
WPXVAP240	240V AUDIBLE/VISUAL	4
WPXVAP240FB	240V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK	4
WPXVAP480	480V AUDIBLE/VISUAL	4
WPXVAP480FB	480V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK	4
WPXVAP600	600V AUDIBLE/VISUAL	4
WPXVAP600FB	600V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK	4
YWPXVAP120	120V AUDIBLE/VISUAL WITH PUSH TO TEST LIGHTS	4
YWPXVAP120FB	120V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK WITH PUSH TO TEST LIGHTS	4
YWPXVAP240	240V AUDIBLE/VISUAL WITH PUSH TO TEST LIGHTS	4
YWPXVAP240FB	240V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK WITH PUSH TO TEST LIGHTS	4
YWPXVAP480	480V AUDIBLE/VISUAL WITH PUSH TO TEST LIGHTS	4
YWPXVAP480FB	480V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK WITH PUSH TO TEST LIGHTS	4
YWPXVAP600	600V AUDIBLE/VISUAL WITH PUSH TO TEST LIGHTS	4
YWPXVAP600FB	600V AUDIBLE/VISUAL WITH INTERNAL FUSE BLOCK WITH PUSH TO TEST LIGHTS	4

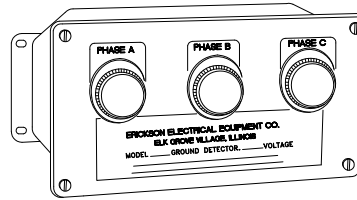
\*\*\* NOTE: THESE ARE NOT GROUND FAULT CURRENT DEVICES \*\*\*

## VISUAL GROUND INDICATORS



MODEL 'P'  
(NEMA 1 ENCLOSURE)  
4"H X 8"W X 3-3/4"D

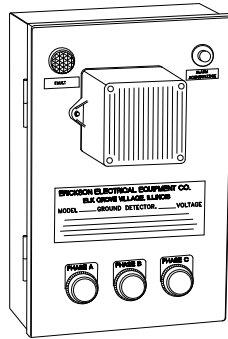
FIGURE 1



MODEL 'WP-P'  
(NEMA 3R ENCLOSURE)  
4-3/4"H X 8-1/2"W X 3"D

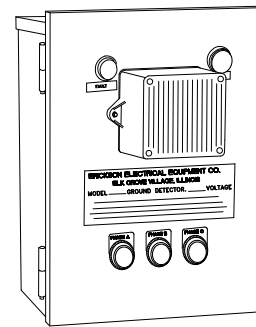
FIGURE 2

## AUDIBLE-VISUAL DETECTORS



MODEL 'XVAP'  
(NEMA 1 ENCLOSURE)  
14 1/2"H X 9 1/2"W X 9 1/2"D\*  
\* DEPTH INCLUDES BELL

FIGURE 3



MODEL 'WPXVAP'  
(NEMA 3R ENCLOSURE)  
17"H X 13" W X 12 1/2"D\*  
\* DEPTH INCLUDES BELL

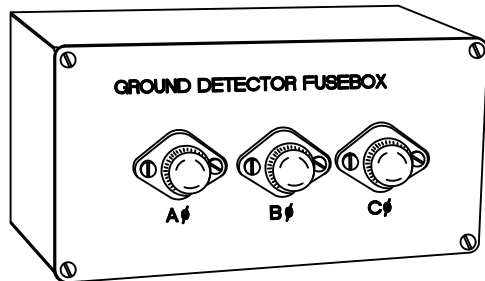
FIGURE 4

- **DEPENDABILITY**— No resistors, capacitors vacuum tubes, or rectifiers are used. All components designed for long life. Sealed-type relays are normally de-energized.
- **AUDIBLE SIGNAL**— Alarm bell sounds when fault occurs. Signal may be silenced by pressing acknowledge button. Acknowledge circuit is automatically reset when fault is corrected.
- **VISUAL SIGNAL**— Red fault light glows when fault occurs and remains lit until fault is corrected.
- **FAULT PHASE INDICATION**— White lights indicate which phase has gone to ground.
- **PRE-WIRED PANEL**— All components, including alarm bell, acknowledge button, indicating lights and power transformer are wired and factory tested. Panel and front are easily removed to permit roughing in of tub.
- **PROVISION FOR REMOTE SIGNALING DEVICE**— One normally open and one normally closed dry contact is provided for auxillary alarm systems 120 V. maximum.
- **PROVISION FOR REMOTE STATION**— Terminal block provided for remote alarm, acknowledge button and/or fault indicating light.
- **VERY LOW POWER CONSUMPTION**— Floating on the line, this device will draw only a negligible amount of power.
- **ATTRACTIVE DESIGN**— Cabinet has an A.S.A. grey baked enamel finish. Wiring is neatly dressed to terminal blocks.

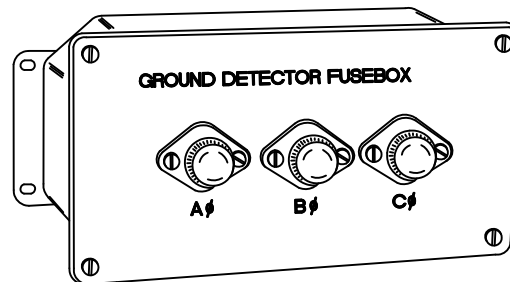
# ACCESSORIES

## GROUND DETECTOR FUSE BOX

PROVIDES 600 VOLT, 100,000 AIC FUSE PROTECTION FOR GROUND DETECTOR PRIMARIES. FUSES ARE INCLUDED.

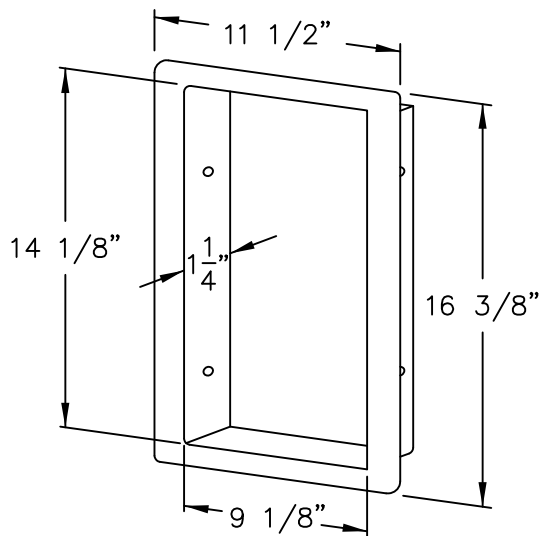


CATALOG NO. 'GDFB'  
(NEMA 1 ENCLOSURE)  
4"H X 8"W X 3 3/4"D



CATALOG NO. 'WP-GDFB'  
(NEMA 3R ENCLOSURE)  
4-3/4"H X 8-1/2" X 3"D

## SWITCHBOARD MOUNTING FRAME



THE SWITCHBOARD MOUNTING FRAME ALLOWS MODEL XVAP GROUND DETECTORS TO BE MOUNTED SEMI-FLUSH IN THE FRONT OF SWITCHBOARDS OR OTHER ENCLOSURES. FOR NEMA 1 APPLICATIONS ONLY.

RECOMMENDED CUT OUT FOR MOUNTING FRAME 9-1/2" W X 14-1/2" H

CATALOG NO. 'GDMF'

'XVAP' GROUND DETECTOR SHIPPING WEIGHT APPROXIMATELY 20 LBS.  
F.O.B. CHICAGO  
TERMS OF PAYMENT 2% 10 - NET 30 DAYS  
ALL ORDERS SUBJECT TO APPROVAL OF CREDIT

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