



# LVWRS xxx-xG SERIES

## Jacketed Cable In-run Grounding Kit

### Description

Innovative Power Product's jacketed cable grounding kit, LVWRSxxx-xG, is a heatshrinkable kit for grounding the neutral on jacketed concentric neutral cables at points along the run. It addresses the RUS recommendation to externally ground jacketed cables at least four (4) times per mile to limit shield voltage, avoid accidental shock and provide parallel return paths for phase-to-ground faults. The LVWRSxxx-xG kits have a wraparound sleeve with precoated adhesive, an external grounding kit and sealant. It is ideally suited for direct burial. The LVWRS xxx-xG kits cover a conductor size range from 4 AWG-2000 kcmil for single-core, jacketed power cables rated from 15 kV to 35 kV. The wraparound sleeve and sealant permanently replaces the window-stripped jacket.

LVWRSxxx-xG kits meet the 10 kA/10 cycles or 15 kA/15 cycles fault current test requirements. The kit uses an LVWRS sleeve that has been tested to meet the applicable sections of ANSI C119.1.

The LVWRSxxx-xG kits are the economical and permanent solution for grounding mid-run neutrals of 15-35 kV medium voltage jacketed cables.

### Kit Contents

The LVWRSxxx-xG kit consists of the following:

- ① Precoated heatshrinkable wraparound sleeve
  - ② Stainless steel closure channel
  - ③ Stainless steel constant force spring
  - ④ Red sealant tape
  - ⑤ Solder-blocked tinned copper braid
- Installation Guide

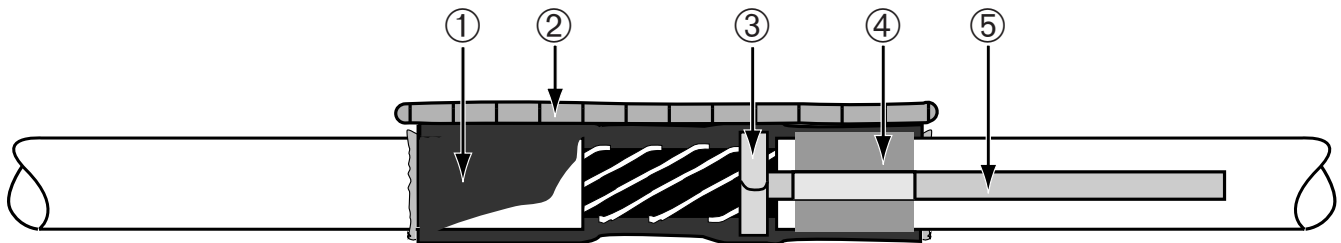
### Fast, Easy Installation

Installation is fast and simple, no special skills required :

- Window strip the cable jacket
- Clean cable jacket on each side
- Connect solder-blocked copper braid with spring clamp
- Wrap sealant around cable and over the solder-block
- Wrap sleeve around cable and install closure channel
- Center the sleeve over the opening; shrink in place

### Related Product Information

LVWRS xx-xG: • Price: List 745  
 Standard package: 3 kits/pkg. (bulk packaging available)



### Selection and Ordering Information

For mid-run external grounding of cables, select the LVWRSxxx-xG catalog number based on cable jacket dimensions or cable voltage and conductor size use range.

Catalog Number	Cable Jacket dia. range.(in.)	15 kV Cable Use Range	25 kV Cable Use Range	35 kV Cable Use Range	Rated Fault Current/Cycles
LVWRS 076-08G	0.95 - 2.00	#4 -4/0 AWG	#1 -1/0 AWG	NA	10 kA/10 cycles
LVWRS 100-10G	1.30 - 3.40	250 - 1000 kcmil	1/0 - 750 kcmil	1/0 - 500 kcmil	15 kA/15 cycles
LVWRS 100-12G	1.30 - 3.40	1000 - 2000 kcmil	750 - 1750 kcmil	500 - 1500 kcmil	15 kA/15 cycles