

THE R-T3 VOLTAGE PORTAL WILL BE PHASED OUT

HERE'S WHAT YOU NEED TO KNOW



About Voltage Portals

Grace's voltage portals are Permanent Electrical Safety Devices (PESDs) that provide task qualified personnel the ability to check for voltage presence safely and efficiently. Voltage portals are installed on the door or flange of an electrical cabinet and are typically connected on the load side of the electrical disconnect by a qualified electrician.

With a voltage portal installed, task qualified personnel can simply perform a safer and more productive method of checking for voltage presence on AC systems from the outside of a grounded electrical enclosure using an adequately rated CAT IV Non-Contact Voltage Detector (NCVD) pen.

Discontinuing The R1-A, R-T3 & Alternative Pass-Thru Solution: R-3K

GracePESDs® previously offered up to three different types of voltage portals that you can use with your NCVD pens. In 2020, we obsoleted and discontinued the production of our R-1A* and in 2021 we will be discontinuing our R-T3**.

You can still purchase an R-T3 portal while supplies last, however, our pass-thru R-3K will remain in inventory and serves as a suitable alternative.

The R-T3 and R-3K portals are designed for three-phase applications but can also be configured for single phases. Additionally, the R-3K is CAT IV rated with an operational voltage range up to 1000VAC and can be easily installed through a 30mm punch hole.

	 R-1A*	 R-T3**	 R-3K
CAT IV Rated			✓
Single Phase Application	✓	✓	✓
Operational Voltage Range 1000VAC	✓	✓	✓
Rugged Polycarbonate Construction	✓	✓	✓
UL Listed	✓	✓	✓

*Obsolete

**Discontinuing

R-3K Voltage Portal Installation Options

Independently:

- The R-3K can be connected directly to the source using customer supplied wires ranging from 12-AWG to 18-AWG.
- Pass the desired lead wires (L1, N, GND for single phase; or L1, L2, L3 for three phase) through the voltage portal device and terminate the wire ends using heat shrink end caps (available upon request).

With a Voltage Indicator Combination:

- The R-3K can be installed using the wires from new or existing voltage indicators.
- With the indicator installed, simply pass the existing indicator leads through the portal.
- This combination provides a safety redundancy for voltage presence indication with flashing or non-flashing LED lights from the voltage indicator.

Voltage Portal Combination Units

The R-3K voltage portal is commonly paired with our R-3W series voltage indicators that include custom labels. With our voltage indicator and voltage portal, a task qualified worker can visually verify the voltage presence through the LED lights in addition testing for presence using a NCVD Pen. PESD® Combination Units are available to order with safety labels and NCVD pens. You may want to consider these combination options in your next application:



R-3KW-LCH



R-3KW2-LCH



R-3KW-LCF



R-3KW2-LCF

**Need a Fluke® NCVD Pen with your order?
Add a "- J" to the end of the part number**



R-T3 voltage portals are available while supplies last.

Contact our sales team at:

Sales@GraceTechnologies.com and we'll help you select the right voltage portal for your application today.

Please use the below chart as a reference guide for which products and their associated part numbers are in stock, discontinuing, or obsolete:

Obsolete/Discontinuing Part Number		Recommended Alternative Part Number
R-T3	R-1A003	R-3K
R-T3-J	R-1A-LPA-J	R-3K-J
R-T3-LH	R-LPA	R-3K-LH
R-T3-LF	N/A	R-3K-LF
N/A	R-1A003-LPH	R-3K-LH-KIT
N/A	R-1A003-LPF	R-3K-LF-KIT
N/A	R-1A003-LPH-J	R-3K-LH-KIT-J
N/A	R-1A003-LPF-J	R-3K-LF-KIT-J
R-T3W-LCH	R-1A0033W-NPLPH	R-3KW-LCH
R-T3W-LCF	R-1A0033W-NPLPF	R-3KW-LCF
R-LCH	R-LPMA	R-3K-LCH
R-LCF	R-LPMA-F	R-3K-LCF
R-T3W-LCH-J	R-1A0033W-NPLPH-J	R-3KW-LCH-J
R-T3W-LCF-J	R-1A0033W-NPLPF-J	R-3KW-LCF-J
R-T3WS-LCH	R-1A0033WS-NPLPH	R-3KWS-LCH
R-T3WS-LCF	R-1A0033WS-NPLPF	R-3KWS-LCF
R-T3W2-LCH	R-1A0033W2-NPLPH	R-3KW2-LCH
R-T3W2-LCF	R-1A0033W2-NPLPF	R-3KW2-LCF