



Electrical Safety by Design

Complete range of Permanent
Electrical Safety Devices (PESDs)

APS Industrial are proud national distributors of Grace Engineered Products in Australia. These quality voltage indicators, test points and combination PESDs promote a safe work environment, enhance compliance and save lives and money.



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The range of Grace Permanent Electrical Safety Devices (PESDs) from APS Industrial engineer out the risk associated with routine maintenance tasks allowing them to be safely conducted from outside of the electrical cabinet. In turn, this inherently reduces the risk of arc flash and shock hazards significantly.

When properly incorporated into a facility's electrical and mechanical Lockout/Tagout (LOTO) safety procedures, Grace PESDs enhance safety and increase productivity. In addition, when properly incorporated into a facility's LOTO procedure, Grace SafeSide® thru-door voltage indicators, Safe-Test Points™ and combination units inherently reduce risk by providing a safer and more productive method of performing verification of hazardous energy isolation, thereby enhancing energy isolation principles.

What do **PESDs** really do?

Save Lives

- | Reduce accidents
- | Improve employee retention
- | Improve catastrophic downtime

Promotes

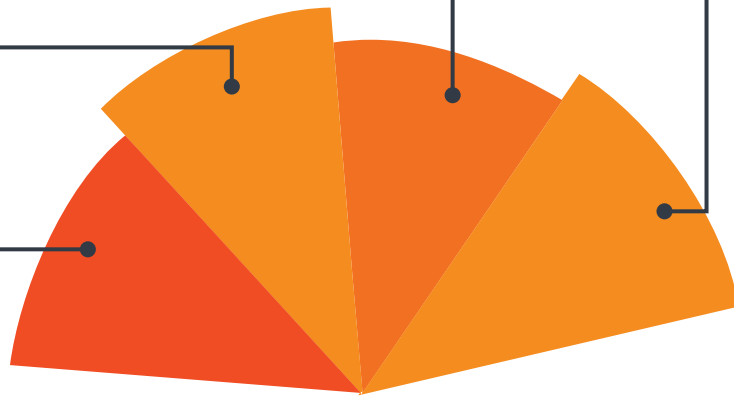
- | Safety Culture
- | Social responsibility
- | Employee involvement
- | Motivation & accountability

Save Money

- | Increase task productivity
- | Reduced downtime & liability

Enhance Compliance

- | AS/NZS 4836:2011
- | NFPA 70E 2018



GRACE SafeSide® VOLTAGE INDICATOR PESDs

Voltage indicators are PESDs that visually represent presence of voltage with flashing or non-flashing, redundant LED lights. Typically hardwired to the load side of disconnect, voltage indicators illuminate whenever hazardous voltage or stored energy is present in any individual phase.



GRACE SAFE TEST-POINT™ PESD

Safe-Test Point™ allows qualified personnel to perform absence of voltage tests safely from outside an electrical cabinet. The device reduces the risk of arc flash and shock hazards.



GRACE COMBINATION PESDs

Combination units include true voltage indicator and test point PESDs and place them both within a single protective housing to produce a Voltage Test Station (VTS).



Type of Energy Verification	Part Number	Description	Voltage Presence	Phase Loss	Stored Energy Dissipation	Voltage Absence	Primary Task	Type of Worker
Voltage Indicators (Suitable for AC/DC applications from 40-600VAC and 30-1000VDC)	R-3W-2	DIV 2 VoltageVision® UNIT	YES			NO	Mechanical Lockout/ Tagout	Machine Operator, Task Qualified Worker
	R-3F2-L48	Fiber optic unit with 1.2m (48 inch) lead						
	R-3W-L	VoltageVision® label						
	R-3W-DR-C6	Door mount kit with 1800mm (6') cable includes 30mm adapter and 1800mm (6') of NW10 flexible conduit Door Mount Kit for R-3W2						
	R-3W-BZL	Bezel for R-3W-2 as a separate item						
	R-3W-KB-L	VoltageVision® label used with Bezel						
	R-3D2	Flex-Mount Voltage Indicator (4 Wire, Flashing LEDs)						
Safe-Test Point	R-3MT-KIT-H	Safe Test Point/Dust Cover/ Label	YES (with meter)			Electrical Lockout/ Tagout	Qualified Electrician, Electrical Engineer	
Medium Voltage Indicator	R-1VL003 (part number contains 3 units)	2kV - 15kV AC	YES	NO		Visual Indicator		
Multi-PESDs	R-3W2MT-LMH	Combination units include true voltage indicator and test point PESDs and place them both within a single protective housing to produce a Voltage Test Station (VTS).	YES			YES (with meter)		Enhanced Electrical Lockout/ Tagout
	P-S11S21-M3RX							Enhanced Electrical Lockout/ Tagout

R-3W-2



R-3W-DR-C6



R-3D2



R-3W2MT-LMH



R-3F2-L48



R-3W-BZL



R-3MT-KIT-H



P-S11S21-M3RX



R-3W-L



R-3W-KB-L



R-1VL003



Warning: When performing electrical maintenance, verify an electrical conductor has been de-energised using an adequately rated test instrument before working on it. Specifications listed above are subject to change with/without notice.



OUR LOCATIONS

National footprint with strategic local stockholdings.

APS Industrial is headquartered in Melbourne and in addition has a national network of offices in Adelaide, Perth, Sydney and Brisbane supported by strategic local stockholdings and expert technical and application knowledge.

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