



Solving Problems ... Providing Solutions



# Don't rely on PPE alone



## Arc-Flash Protection Relays For The Harshest Environments

Installed in new electrical gear, or easily retrofitted into existing switchgear with little or no configuration. Rapidly detect an impending arc flash and send a signal to interrupt power to protect your personnel and equipment.

- Lower the Incident Energy (IE) and PPE rating of your equipment
- Fast detection in less than 1 ms (select models)
- Flexible sensor configuration for any application
- Continuous sensor health monitoring



Expertise Applied | Answers Delivered

## Grace Products - PESDs (Permanent Electrical Safety Devices)

# YOUR TRUSTED PARTNER IN PRODUCTIVE SAFETY

Since 1991, Grace Engineered Products has been a leader in innovative electrical safety solutions keeping people safe and assets secure. Our line of SafeSide® PESDs engineer out the risk with voltage indicators, voltage portals as well as combination units of the two. Earlier this year, GraceSense™ Hot Spot Monitor (HSM) was introduced. The HSM provides 24/7 temperature monitoring and alarming that identifies potential failure points before unplanned outages and equipment failures.



# Axelent - Machine Guard & Cable Management Systems



## The many advantages of X-Guard

- ✓ X-Guard is quick to assemble thanks to punched holes and pre-mounted fittings.
- ✓ Axelent's X-Tray is a range of cable trays that are simple to integrate with X-Guard machine guards.
- ✓ X-Guard Lite is a simpler version of X-Guard and an alternative when you need a more cost-effective solution.
- ✓ X-Guard sections are available in 13 widths and 4 heights.
- ✓ Thanks to X-Guard's smart door solutions you do not need to pre-determine whether you need a left or right-hinged door (not X-Lock and X-It).
- ✓ X-Guard posts have a smart design with factory-drilled holes on three of the four sides, making it versatile with no special post required in corners.
- ✓ X-Guard Contour is the alternative with rounded corners. Everything for a sleek and functional design!



## Fortress Interlock Switches and Control Devices



## Protecting People, Protecting Productivity



Interlock switches and control devices for automation safety

### “Who we are and What we do”

Fortress Interlocks helps customers protect their personnel and capital assets. The company has over 40 years of experience in the safety market, designing and manufacturing safety access and control systems based at its headquarters in Wolverhampton, UK. These systems create safe workplaces where employees in industrial environments are safeguarded from injury and equipment is protected from damage. A world leader in access control systems, Fortress products guarantee that actions and events are undertaken in a pre-determined sequence ensuring a safe working environment. The company's products are suitable for applications across a wide industrial base including power generation and distribution, steel, automotive, recycling, building materials, food and beverage, robotics and palletisers. Its extensive product offering and interlocking experience allows Fortress to provide unique solutions for all safeguarding applications. It regularly creates bespoke solutions, often by customising its standard products.



# LOTO (Lockout Tagout Systems)



## Leading the way in safe isolation (LOTO)

Safety padlocks



Our Nylon and Aluminium bodied Safety padlocks have 20,800 combinations with unique numbers marked on body and keys

Electrical lockout



Electrical lockout- all types of MCB, RCBO and MCCB covered with proven solutions for LV and HV

Mechanical lockout



Mechanical lockout- ball, gate and butterfly valve lockout devices to suit any manufacturer

Group lockout



Group lockout- full range of boxes in a variety of materials and sizes to suit every eventuality

# Work Italia - PPE (Personal Protective Equipment)



WORK ITALIA is a global manufacturer of high quality electrical safety equipment. Integrity, commitment and growing investments have led to what Work Italia is today, "a highly recognized organisation that is dedicated to building a strong reputation with International Markets and advancing product development, innovation, design and research of specialised safety products enabling people to work in Hazardous Electrical environments. Work Italia is certified ISO 9001 as a manufacturer of Protective Equipment PPE (Personal Protective Equipment).

Our product range includes short - circuiting, grounding & earthing equipment, Insulated Carpet (matting), Dielectric Gloves, Insulated Rods, Anti - slip Insulated platforms and voltage detectors to name a few.



# EMSD (Electrical Maintenance Safety Devices)



## Global Leader in Electrical Maintenance Safety Devices

We develop cutting edge solutions for the electrical industry to safely perform energized inspections on electrical assets, saving lives, minimizing risks, and protecting your investment.



**IRISS industrial-grade IR windows** facilitate safer, more efficient inspections of energized electrical equipment when compared to traditional crystal windows. Our award winning, IR window designs feature a durable transparent polymer lens that allows visual, UV, and short/mid/longwave IR spectrum inspections. And...is available in custom shapes, sizes, and colour to fit the needs of any application.

**Delta T Alert™ Sensor is a wireless, self-contained temperature monitoring system with sensors that attaches to your electrical enclosures.** The environmentally sealed version of the Delta T Alert™ sensors can be installed outside. The patented units contain two temperature sensors – one to monitor the electrical enclosure's interior temperature and the second to monitor the room's ambient temperature where the enclosure is located. The units monitor the delta between your internal and external enclosure temperatures. The data is wirelessly transmitted for analysis and trending. The system can even remotely alarm your support teams with the details and location of the temperature alarm.



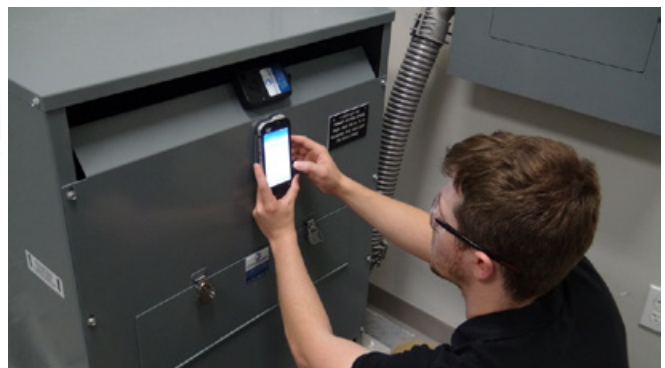
**Sonus XT- Ultrasound detection can be utilized to detect early warning signs of equipment failure.**



The versatility of SonusXT makes it ideally suited to work with any plant maintenance program and the perfect complement to other Predictive Maintenance (PDM) Technology. Ultrasound detection can be utilized to detect early warning signs of equipment failure and to conduct energy conservation audits.

### E-Sentry Connect Tags - Intelligent Asset Management

Simply tapping the tag allows you to read the saved inspection details and the relevant equipment data.



# Switchgear & Critical Power Safety Solutions

---

## ⚠️ Your Safety Is Our Business!

RFE prides itself as a "Solution Provider" incorporating only high quality products. We are at the forefront of safety technology, our people are highly trained, qualified and well experienced engineers who are always willing to spend time with our customers to acquire a thorough understanding of their application. The result in all cases is a solution, which meets technical as well as financial requirements of the customer. Our objectives are based on an on-going partnership with our customers.



**Associated Memberships:**

**RFE**

Unit 19, Oak Road Business Park, Western Industrial Estate, Dublin 12.

**Tel:** 01 4659010 | **Email:** sales@rfe.ie | **Web:** www.rfe.ie