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CASE STUDY

Our passion for innovation drives us to develop products that are intuitive, adaptable, and built to withstand the evolving demands of the industry.



OVERVIEW

RGL Electronics are manufacturers specialising in standalone door access equipment. We have long felt that the importance of innovation in the electronics industry is paramount. We strive to bring new products to market that offer something new to our customers, often without charging the premium that many others in our industry would look for.

FIREIS01

Fire isolation switch, that has the standard ON light, but also a pulsing light to indicate when the switch has been turned to the off position, and can notify anyone working or operating near the device that is has been left OFF.



EDR - LED & SOUNDER



- Now fairly commonplace, but in 2012 RGL was the first to introduce both a
- illumination and sounder within its EDR. A simple solution that is now commonplace within the products across the industry

CHALLENGE

Whenever considering a new product, RGL looks for areas to improve whatever exists in the market already, whether this is to provide a solution that have long eluded installers, or a new type of product to fill a void in the market.

DU-GB/PTE

The first combined unit to hit the market, combining the 2 products together that often sit side by side.



EBNT/TF-1

RGL released the touch free exit button 10 years before COVID made these a hugely popular product.



STE-P

A product we release as a result of COVID, the Step to Exit, a completely hands free solution.





FIRE RATED MAGLOCKS

In 2016 RGL upgraded their range of magnetic locks and brackets so they were tested to BS EN1634-1. This allows them to be installed on 30 - 120 minute timber door sets. We decided to make this part of our standard range of magnetic locks, and don't charge a premium for them. This standard ensures that our range of magnetic locks are not detrimental to the fire rating of the doors they are fitted to.

EGRESS BACK BOX

15 years ago, RGL introduced a range of exit buttons with 2 benefits provided as standard. Each button would be a true double pole, offering both NO & NC sets of contacts. The other more unusual offering was the introduction of a back box, without the need to purchase the aluminium extrusion which was standard at the time.



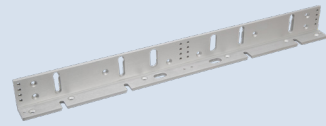
EBGBWC02

RL03-LED



PX2000

BS EN 1634-1



SAFETY L BRACKET

In 2017 we bought out a range of updated range of brackets to go with our magnetic locks. These gave threefold benefits to the installer: 1: allowed them to install one bracket for double maglocks, simplifying this stage of the process. 2: provided slots in the brackets so the maglock could be hung prior to tightening the fixing, hence turning it into a purely one person install. 3: ensured that these slots made the locks much safer, giving you double the fixing points, and making sure the lock remains attached to the frame/bracket.

PX2000

A simple solution provided by RGL, where the brains for the external reader are provided within the power supply itself.

TIMER RELAY - LCD

- ▶ In 2016 we bought out an updated timer relay where we replaced the timer pot with a 3 digit liquid crystal display to provide greater accuracy and visibility.
- ▶ Alongside this we included a range of different functions to make the timer much more versatile.

Double LED Maglock

- ▶ 2023 saw the introduction of the LED lighting at both the front and rear of the maglock.



NEXT STEPS

- 2024 will see the introduction of many more new products, including a complete revamp on our renowned Power Supplies.
- We will also continue to raise the standards across the industry, and continue our mantra that only the best will do when supplying products.