

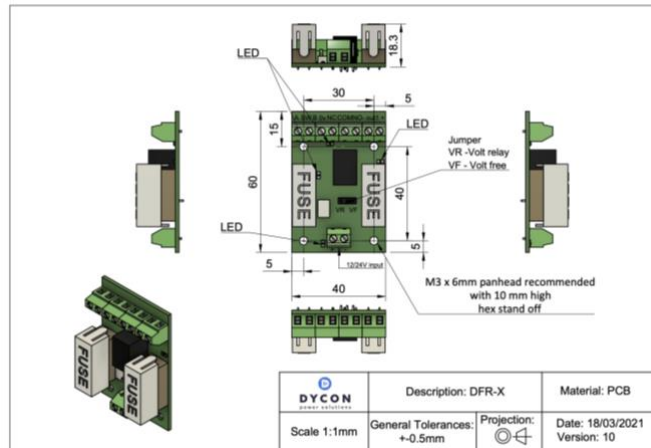
DYCON DATA



A Product Update for Dycon Customers

Product Drawings

Dycon Power Solutions' website now includes an extensive library of technical drawings of the Dycon products and housings. These drawings show all fixings, apertures and connections and can help installers make installation decisions simpler and quicker. If you need to know a particular unit's size and fixings, [click](#) to go to the website. An example drawing is shown on the right.



A typical Dycon Power Solutions product website drawing

DFR-X Universal Relay Module

These two output relays feature: -

- An electronic relay that switches if the input state changes.
- 12VDC or 24VDC operation.
- 5 Ampere switching capacity.
- 4 status LED's.
- Jumper selectable switched or pass-through output.

[Click](#) to download the data sheet.

Coming soon.....

XLB Housings

Dycon Power Solutions will soon be launching a revolutionary housing concept - the XLB range, which allows you to install housings in tight-fit positions. The XLB range features removable sides and a unique way to utilise 13A sockets, eliminating the need for a qualified electrician to fit a new fused spur. Call **+44 (0)1443 471 900** or [click](#) to download the data sheet.

Not all PSU's are the same!

When Dycon started manufacturing power supplies in 2004, our background in designing ground-breaking alarm panels gave us a valuable insight into the problems that installers face daily. We designed features to deal with these that were, at the time, unique, making installations more reliable and energy saving. We have improved this performance and reliability even further over the last 17 years, here are just a few of these advances available today on several Dycon Power Solutions power supplies.

On-demand Charging & Load Output Sharing

Automatically always running, rather than just once a day as some claim, this gives the power supply exceptional flexibility as it allows rapid, large capacity battery charging with either extended standby hold-up duration at light loads, or short high current peak loads, where spare output capacity is diverted to battery charging.

Battery Impedance Monitoring

Currently, most systems simply rely on battery voltage measurement which cannot predict accurately if there is a problem until it is too late. Several Dycon's PSU's can constantly measure the impedance of each battery and flag up deterioration outside certain parameters, reducing the chance of an expensive system outage or service call, whilst, at the same time, increasing battery life. Batteries are further protected with automatic low voltage cut-off.



DYCON
power solutions

Need a No-Touch Exit Device?

Dycon's DA999-011-PREX, is a new type of hands-free door-release. For more details call **+44 (0)1443 471 900** or [click](#) to download the data sheet.



Dycon D999-011-PREX

D1565- a simple way to fix voltage drop on long cable runs!

Have you ever had a situation where you cannot fit a PSU, have had to resort to a long cable run and then suffered voltage drop?

Dycon's D1565's clever 5 Amp switched-mode power supply might be the answer! It can maintain a pre-set voltage of between 12VDC to 15VDC, even if the mains supply is interrupted and the unit is running on batteries. Meaning a D1565 can easily compensate for a big voltage drop.

Call **+44 (0)1443 471 900** for more details or [click](#) to download the data sheet

Output Duty Cycle Control

Some Dycon units only draw power when the output load demands it, substantially reducing power consumption, temperature and prolonging the life of the PSU.

Dual Redundancy Capability

A practical solution to the problem of maintaining the 12VDC supply to secure infrastructure systems where the unforeseen failure of a single power supply unit would seriously damage the operation of that system, the Dycon D2500 unit is unique. Simply fitted between any two Dycon switched-mode power supply units, it combines their two outputs into a single output and, in the unlikely event of the failure of one unit, the other automatically and seamlessly takes over. [Click](#) to download the data sheet.

Remote Switching Input Capability

Controlled manually, by fire alarm systems or by timers and is especially useful when there is a need to urgently lock down an access control system or, in an emergency, release all doors. This output is fully protected against switching transients and is suitable for switching highly inductive loads such as door strikes and magnets.

Electrical 'Spike' and 'Anti-Surge' Protection

Dycon's unique protective technology with intelligent and capacitive load switching, surge protection, and snubbing, lessens the chances of a spike or surge causing a door to remain open or closed. This can often disrupt a buildings operation and requires expensive engineer attendance.

Major Government departments and many large integrators choose Dycon Power Solutions' products because they appreciate the extra reliability and features.

If your current power supplies are missing these important features, talk to us and we can help show your customers the benefits of using Dycon's advanced technology.

Call +44 (0)1443 471 900 for more information!

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Or to discuss your specific needs:

+44 (0)1443 471 900

Dycon leads the security and associated power supply markets, with UK design and manufacture of advanced power products, engineered to provide high quality, cost-effective solutions to meet current regulations and the specific needs of system integrators and end-users.