

Designed and
manufactured
in the UK



DIN Rail

Dycon DIN Rail Mounted Power Supply Modules and Options



Illustration shows a Dycon D1543 13.8VDC 3A Power supply fitted into a Medium Size DIN cradle

- Standard DIN Rail fixings top hat and G profile
- Suitable for NS32-G & N35 7.5mm/15mm
- With or without battery charging
- Fully integrated options

Increasingly, throughout the world, large buildings and construction sites concentrate on low-voltage power distribution and services into DIN rail cabinets, rather than having many separate boxes screwed to walls. To meet this demand, Dycon has a wide range of advanced technology, switched-mode power supply units mounted into DIN rail cradles and two fully integrated versions that do not need a separate cradle. These power supply units can provide output voltages of 12VDC and 24VDC for non-battery backed applications or 13.8VDC and 27.6VDC, where standby-battery charging capability is required. Output voltages of between 1 Amp and 5 Amps make them ideally suited for security, IOT, access control and communication & building management, system applications, as well as anything else that requires reliable power. Installation is simple, no need to drill holes or screw anything in place, simply clip the whole unit onto the DIN rail and connect the cables to the marked terminals.



DYCON
power solutions

DIN Rail Power Supply Options

A range of switched-mode power supply units and accessories mounted in Dycon DIN Rail cradles

Dycon DIN Rail Mounted Power Supplies & Accessories

| Power Supply Part No. | Power Supply Description | DIN Cradle fitted |
|-----------------------|---|-------------------------|
| D1503-D | Ultra-Low Emission 13.8VDC 3A with battery charging | DINRAILKITSM |
| D1541-D | 13.8VDC 1A multi-indicator with battery charging | DINRAILKITSM |
| D1542-D | 13.8VDC 2A multi-indicator with battery charging | DINRAILKITSM |
| D1543-D | 13.8VDC 3A multi-indicator with battery charging | DINRAILKITSM |
| D1555-D | 13.8VDC 5A "Smart" unit with battery charging, 1 fault output and 3 led indicators | DINRAILKITLRG |
| D2401-D | 24VDC 1A without battery charging | DINRAILKITSM |
| D2413-D | 27.6VDC 3A with battery charging | DINRAILKITLRG |
| D2441-D | 27.6VDC 1A 'Smart' unit with battery charging, 3 fault outputs, power on/off input and 4 led indicators | DINRAILKITLRG |
| D15X8-D-500 | 8-way glass-fused output splitter with 500 mA Fuses | DINRAILSPLITTER |
| D15X8-D-1 | 8-way glass-fused output splitter with 1 A Fuses | DINRAILSPLITTER |
| DR-60-12 | 110VAC -230VAC input - 12VDC 2.5A output | Integral DIN rail mount |
| DR-60-24 | 110VAC -230VAC input - 24VDC 4.4A output | Integral DIN rail mount |

| Product Part Numbers | Description | Size incl. PSU L x W x H |
|----------------------|--|--|
| DINRAILKITSM | Medium DIN Cradle | 134mm x 90mm x 70mm |
| DINRAILKITLRG | Large DIN Cradle | 143mm x 125mm x 74mm |
| DINRAILSPLITTER | Splitter Profile DIN Cradle | 53mm x 125mm x 36mm |
| DR-60-12 | Integrated DIN rail mounted 12VDC power supply | 78mm x 93mm x 56mm |
| DR -60-24 | Integrated DIN rail mounted 24VDC power supply | 78mm x 93mm x 56mm |
| DIN-Custom-xxx | Top Head DIN rail TS35/7.5 for Dycon housings | Length depending on housing x 35 x 7.5mm |

The DIN Cradles can be supplied separately for retrofitting or refitting to existing Dycon power modules. DIN rail cradles are made of PVC, inflammability class according to UL94 V0. Colour: Green.

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For more information about the Dycon products:

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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.

Din Rail Overview datasheet 10062020 V16