

# ▶ 03-DIN

## 03-DIN-PWRINJ: Power Injector

### Description

The 03-DIN-PWRINJ power injector increases the number of 03-DIN modules on an 03 system by providing power to a maximum of 4 03-DIN I/O or gateway modules. These power injector expansions can be located up to 70 meters (230 ft) away and still be directly controlled by the 03-DIN-CPU room controller.

Using power injectors, HVAC, access and lighting control can be centralized on single controller. The 03 system's modular nature also has the flexibility to grow to meet future needs of the site without additional wiring costs.



### Application

The 03 system is a complete solution that combines HVAC, access control and lighting control in a modular system.

### Features

- ▶ A series of power injector units adds up to 12 03-DIN modules to a single 03-DIN-CPU room controller
- ▶ Small footprint, DIN rail mounted
- ▶ Power injectors can be externally powered or powered by the 03-DIN-CPU controller

### Specifications

#### Device Addressing

Set via rotary switch

#### Connectors

Removable screw-type terminal connectors

#### Wiring Class

Class 2 / SELV

#### Power

24 VDC, 100 W

#### Power Out

80 W (PWR OUT 1 and 2)

#### Ambient Rating

-30°C to 55°C [-22°F to 131°F]  
10% to 95% RH (non-condensing)

#### Dimensions

36 × 111 × 58 mm (1.42 × 4.37 × 2.28 in.)

#### Weight

70 g (0.15 lb)

#### Compliance

CE

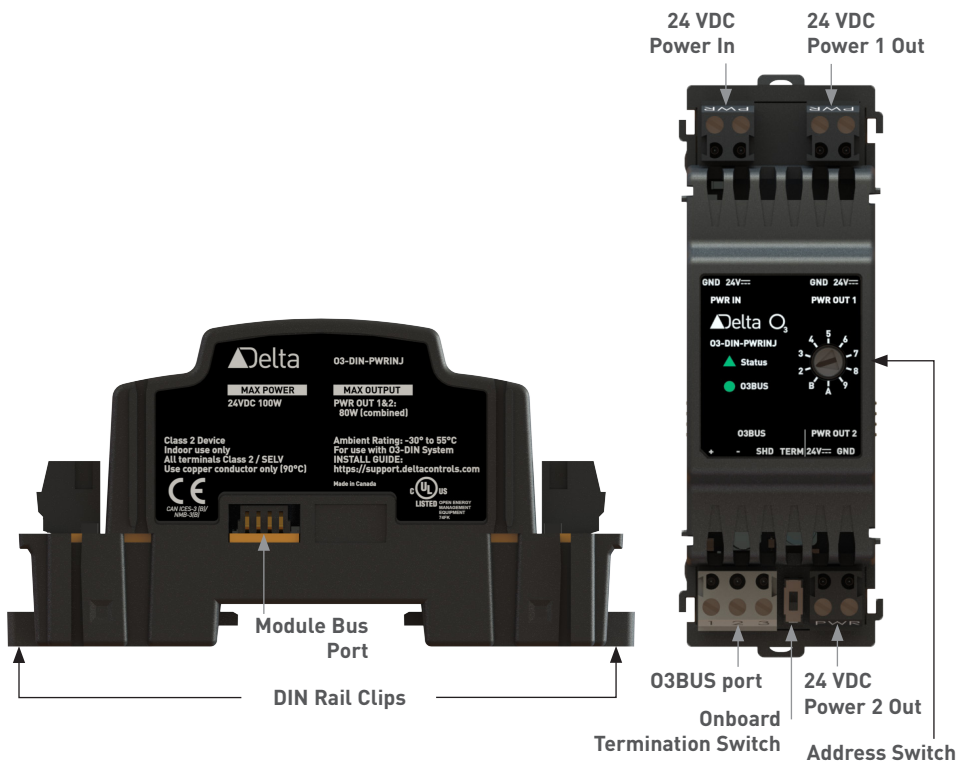
#### Listings

C-UL Listed  
UL 916 Listed

Updated 13 November 2019\_r

# 03-DIN

## 03-DIN-PWRINJ: Power Injector Module



Order the 03-DIN-CPU with one or more modules or hubs:

### Base Unit

|            |  |
|------------|--|
| 03-DIN-CPU | Base unit: 3 network ports, 2 Ethernet ports, 3 power outputs, Modbus, NFC |
|------------|--|

### Modules and Hubs

|               |   |
|---------------|---|
| 03-DIN-PWRINJ | Power injector unit for 03 expansion supporting up to 4 modules   |
| 03-DIN-4F4xP  | FET I/O module: 4 universal I/O, 4 FET binary outputs (500 mA, AC or DC)  |
| 03-DIN-8xP    | I/O module: 8 universal I/O, input (0-10 V, 0-5 V, 10K) or output (0-10 V, 20 mA source, 10 mA sink)                                |
| 03-DIN-ACCESS | Access module, single door support  |
| 03-DIN-DALI   | DALI lighting module: DALI interface, 100 mA power output   |
| 03-DIN-PoE    | Power over Ethernet module (IEEE 802.3at)   |
| 03-DIN-SMI    | SMI module for motorized blinds: SMI interface, 30 mA power output  |
| 03-HUB        | Sensor hub (temperature, humidity, light, motion, Bluetooth, LED ring, microphone and speaker) with mounting plate                  |
| 03-HUB-En868  | Sensor hub (temperature, humidity, light, motion, Bluetooth, EnOcean 868 MHz, LED ring, microphone and speaker) with mounting plate |
| 03-HUB-En902  | Sensor hub (temperature, humidity, light, motion, Bluetooth, EnOcean 902 MHz, LED ring, microphone and speaker) with mounting plate |

Subject to change without notice.

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## 03-DIN-PWRINJ: Power Injector Module

### Power Supplies

|                       |  |
|-----------------------|--|
| <b>DRC-24V30W1AZ</b>  | Chrome Line Voltage DC power supply 24 V 30 W Class A EMC  |
| <b>DRC-24V60W1AZ</b>  | Chrome Line Voltage DC power supply 24 V 60 W Class A EMC  |
| <b>DRC-24V100W1AZ</b> | Chrome Line Voltage DC power supply 24 V 100 W Class A EMC |
| <b>DRS-24V30W1NZ</b>  | Sync Line Voltage DC power supply 24 V 30 W Class B EMC    |
| <b>DRS-24V50W1NZ</b>  | Sync Line Voltage DC power supply 24 V 50 W Class B EMC    |
| <b>DRS-24V100W1NZ</b> | Sync Line Voltage DC power supply 24 V 100 W Class B EMC   |