# MOLTO-FLEX

## CONFIGURABLE POWER ENCLOSURE SYSTEM

Molto-Flex is a configurable enclosure system designed to simplify integration of AC-DC power supplies into applications where flexibility, speed, and scalability are critical. An adaptable mounting plate accommodates a wide range of power supply form factors, allowing single or multiple units within one enclosure to support varying voltages and outputs.

The platform enables multi-output and mixed-voltage configurations, reducing the need for custom metalwork. Surface mount and flush mount cover options support both new installations and retrofit applications.

Molto-Flex reduces installation time and simplifies deployment. ETL 508A listing with specified internal power supplies facilitates faster Agency inspections, minimizing delays and downtime.

### FUNCTIONAL FEATURES:

- **ETL 508A Listed**
- **NEMA 1 16AWG Steel**
- **Surface & Recessed Mount Versions**
- **Multi-Output**
- **Fully Configurable**

### 2 Configurable Power Enclosure Platforms

**Recessed Mount Kit**



**Surface Mount Kit**



ETL 508A LISTED

NEMA 1 16AWG STEEL

MULTI-OUTPUT CONFIGURATIONS

FULLY CONFIGURABLE

REDUCES INSTALL TIME & SIMPLIFIES DEPLOYMENT

# PLATFORM OVERVIEW

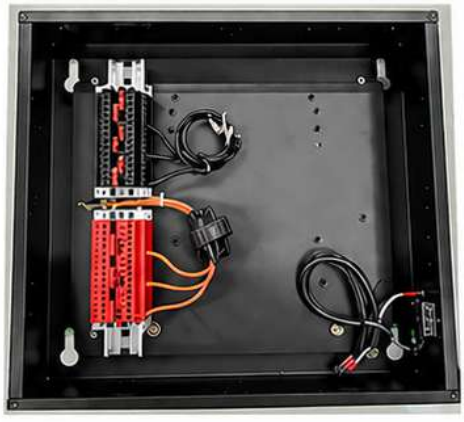
**BUILT FOR FLEXIBILITY. DESIGNED FOR SPEED.**

The Molto-Flex is a configurable power enclosure platform. Standard stocked models get you deployed fast.

The open configuration system lets you scale, adapt, and customize without custom metalwork.

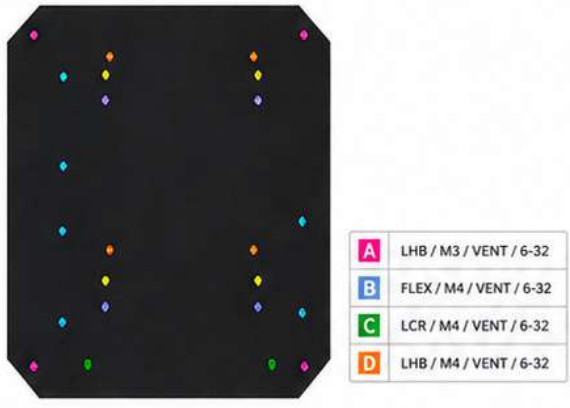
## MULTI-OUTPUT POWER

Supports mixed-voltage and multi-output configurations within a single enclosure.



## ADAPTABLE MOUNTING PLATE

Wide-range mounting plate accommodates multiple PSU form factors — single or multiple units.




## ETL 508A LISTED

Factory-listed with specified internal supplies — faster agency inspections, less downtime.

## FUSED & SWITCHED INPUTS

Integrated fused output protection with switched/fused IEC 320-C14 input on surface mount models.



## CONTRACTOR-READY

NPT knockouts, integral keyhole mounting holes, and hardware kits included for fast installation.



### NPT KNOCKOUTS

Top, bottom, and side knockouts for conduit entry.



### INTEGRAL KEYHOLE MOUNTING HOLES

Built-in keyhole slots for quick and secure mounting.



### HARDWARE KITS INCLUDED

Everything you need for fast, reliable installation.

# CONFIGURATION SYSTEM

## PART NUMBER BREAKDOWN

Every Molto-Flex unit is defined by a structured part number. Each segment maps to a specific configurable attribute.

**Build Your Part Number**

| MF | JJC | R01 | A5 | H | 06 |
|---|---|---|---|---|---|
| Series | Length Width Depth | Mount/Color | PSU Plate | Wiring | Outputs |

### EXTERNAL DIMENSIONS CODES (L / W / D)

**A** - 2 inches
**B** - 3 inches
**C** - 4 inches
**D** - 5 inches
**E** - 6 inches
**F** - 7 inches
**G** - 8 inches
**H** - 10 inches
**I** - 12 inches
**J** - 14 inches
**K** - 16 inches
**L** - 18 inches
**M** - 20 inches

### MOUNT & COLOR

**R** - Recessed
**S** - Surface

**01** Black finish
**02** Grey finish
**03** White finish

### PSU PLATE SERIES

**A0** – A4 TBD
**A5** - LRS 350, 450, 600

### WIRING TYPE

**H** - Hardwired
**C** - IEC C14 inlet (surface only)

### OUTPUT COUNT

**06** - 6-output configuration
**15** - 15-output configuration

# STANDARD STOCK MODELS

## FOUR OFF-THE-SHELF CONFIGURATIONS

Ready to ship. No lead time for custom metalwork. Choose recessed or surface mount, 6 or 15 outputs.

## RECESSED MOUNT MODELS

Recessed / Flush Mount



| | 6 OUTPUT MODEL | 15 OUTPUT MODEL |
|---|---|---|
| | **MF-JJC-R01-A5-H-06** | **MF-JJC-R01-A5-H-15** |
| **OUTPUT COUNT** | 6 Outputs | 15 Outputs |
| **INPUT** | Hard-Wired | Hard-Wired |
| **EXTERNAL DIMENSIONS** | 14" × 14" × 4" | 14" × 14" × 4" |
| **INTERNAL DIMENSIONS** | 13.88" × 13.88" × 3.38" | 13.88" × 13.88" × 3.38" |
| **COVER DIMENSIONS** | 15.5" × 15.5" × 0.06" | 15.5" × 15.5" × 0.06" |
| **WEIGHT (POUNDS)** | 14.25 | 14.65 |

**MOUNT TYPE**
Recessed / Flush

**PSU COMPATIBILITY**
LRS 350 / 450 / 600

**FINISH / LISTING**
Black · ETL 508A

## SURFACE MOUNT MODELS

Surface Mount



| | 6 OUTPUT MODEL | 15 OUTPUT MODEL |
|---|---|---|
| | **MF-JJC-S01-A5-C-06** | **MF-JJC-S01-A5-C-15** |
| **OUTPUT COUNT** | 6 Outputs | 15 Outputs |
| **INPUT** | IEC 320-C14 (Switched/Fused) | IEC 320-C14 (Switched/Fused) |
| **EXTERNAL DIMENSIONS** | 14" × 14" × 4" | 14" × 14" × 4" |
| **INTERNAL DIMENSIONS** | 13.88" × 13.88" × 3.38" | 13.88" × 13.88" × 3.38" |
| **COVER DIMENSIONS** | 14" × 14" × 0.06" | 14" × 14" × 0.06" |
| **WEIGHT (POUNDS)** | 13.10 | 13.50 |

**MOUNT TYPE**
Surface Mount

**PSU COMPATIBILITY**
LRS 350 / 450 / 600

**FINISH / LISTING**
Black · ETL 508A

**SHARED SPECIFICATIONS**

**EXTERNAL DIMENSIONS (L x W x D)**
**14" x 14" x 4"**

**INTERNAL DIMENSION (L x W x D)**
**13.88" x 13.88"x 3.38"**

**COVER THICKNESS (L x W x D)**
**0.06"**

# MECHANICAL & PHYSICAL

## MOUNT CONFIGURATIONS

Two mounting configurations are available. Key features differ between variants — specify the correct mount type for your application.





**NOTE: Power Supplies Sold Separately**

### Recessed Mount
Flush / In-Wall

**Flush-mount Cover** — sits flat with the wall surface

**Hard-wired input** — direct conduit wiring, no C14 inlet

**NPT knockouts** — top, bottom, and sides for conduit entry

**Ideal for retrofit and new construction applications**



Brackets for mounting within 2 x 4 Studs
**(Actual Dimensions 14 x 14 x 3.5)**

### Surface Mount
Wall / Panel

**Surface-mount cover** — box profile proud of mounting surface

**Switched/Fused IEC 320-C14 inlet** (Surface Mount Only)

**Integral keyhole mounting holes** for quick surface mounting

**PEM hardware compatible**

Ideal for accessible installations where service access matters



Designed for wall or panel-mounted installations using keyhole slots and standard hardware.

# INCLUDED HARDWARE

## HARDWARE KIT CONTENTS

Each unit ships with a complete hardware kit. Kits are shared across each mount family — recessed models share one kit, surface models share another.

### Recessed Mount Kit

| | COMPONENT | QTY |
|---|---|---|
|  | MHS Mounting Interface | 4 |
|  | M4 × 10mm Bracket Screws | 8 |
|  | M4 × 6mm MHS-PSU Screws | 4 |
|  | M4 × 8mm MHS-Plate Screws | 4 |
|  | M4×0.7mm Lock Nuts | 16 |
|  | Cable Holder (Adhesive Backing) | 3 |
|  | Mounting Brackets | 4 |
|  | 14AWG Green Wire w/ Ring Lug | 3 |
|  | M5 Nut w/ Star Washer | 7 |
|  | Cover Screws — Self Threading | 4 |

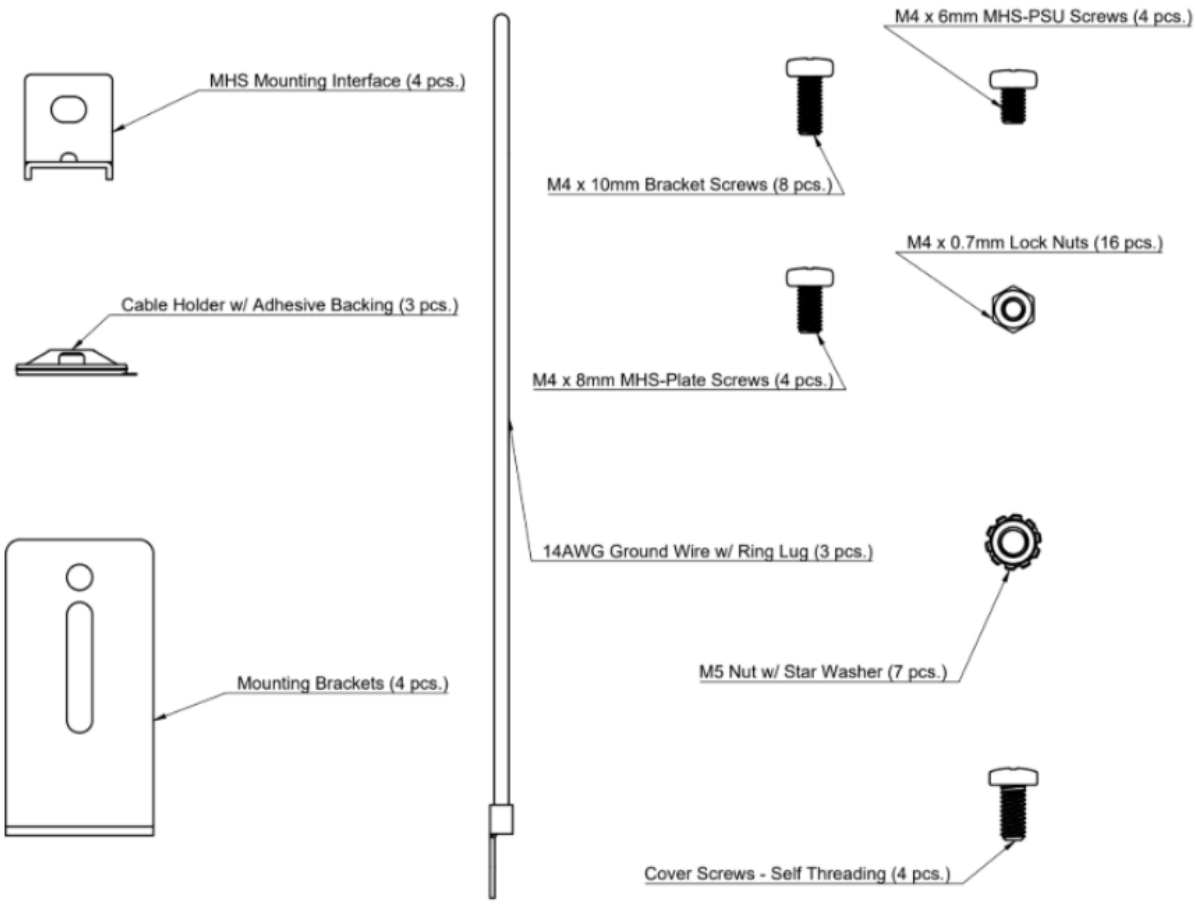
***Note: Recessed mount kit includes additional bracket screws (M4×10mm ×8) and lock nuts (×16 vs ×8) to accommodate deeper bracket assembly.***

## WARNING

To avoid electric shock, do not energize any circuits before all internal and external electrical and mechanical clearances are checked to ensure that all assembled equipment functions safely and properly.

## IMPORTANT USE NOTES:

- This enclosure must be used with voltages below 600V
- This enclosure must be installed in accordance with the National Electrical Code, ANSI/NFPA 70 where the ambient temperature does not exceed 35°C (104°F) maximum
- This enclosure is intended for indoor use only
- Terminal Blocks and Power Entry Module - UL Recognized


M4 x 6mm MHS-PSU Screws (4 pcs.)
MHS Mounting Interface (4 pcs.)
M4 x 10mm Bracket Screws (8 pcs.)
M4 x 0.7mm Lock Nuts (16 pcs.)
Cable Holder w/ Adhesive Backing (3 pcs.)
M4 x 8mm MHS-Plate Screws (4 pcs.)
14AWG Ground Wire w/ Ring Lug (3 pcs.)
M5 Nut w/ Star Washer (7 pcs.)
Mounting Brackets (4 pcs.)
Cover Screws - Self Threading (4 pcs.)

# INCLUDED HARDWARE

## HARDWARE KIT CONTENTS

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### Surface Mount Kit

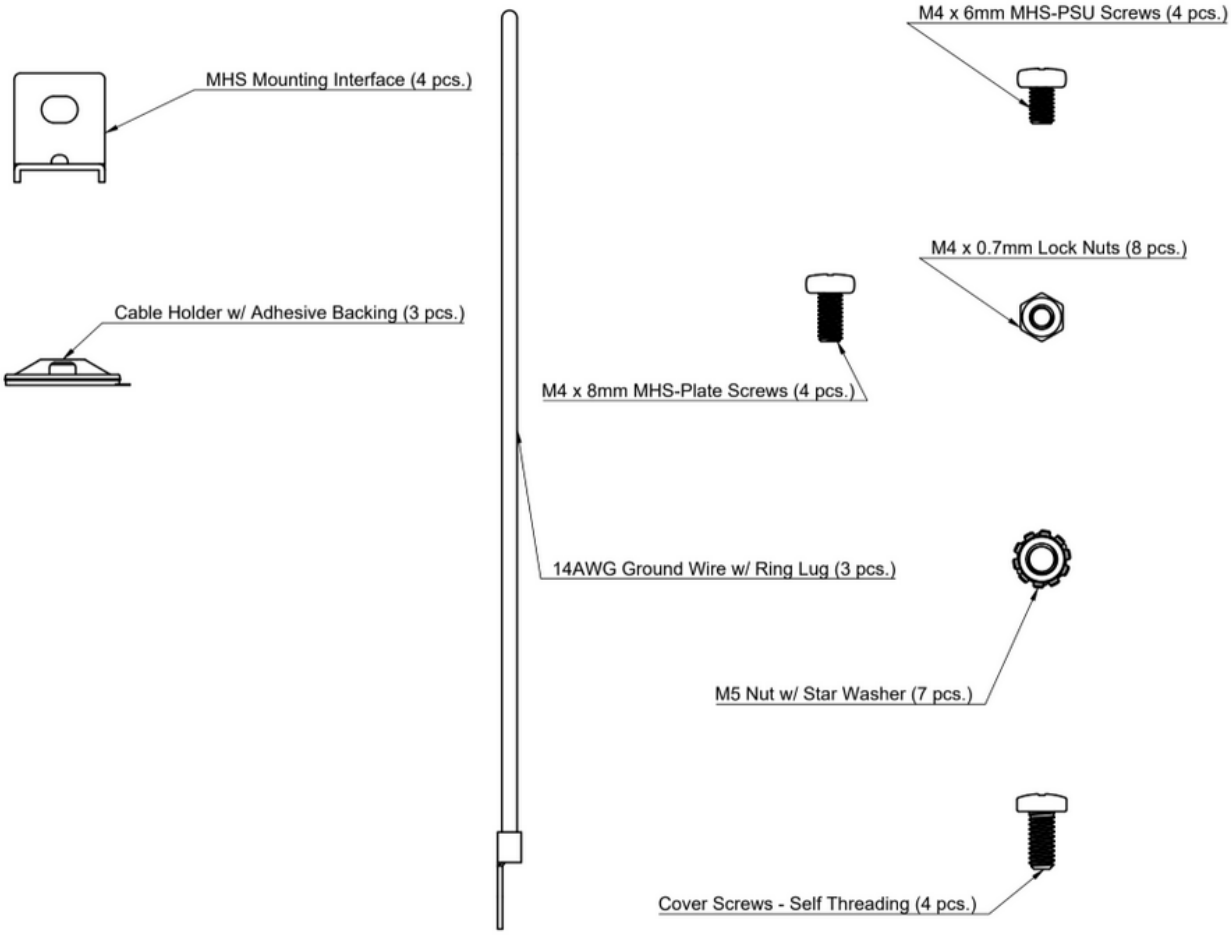
| | COMPONENT | QTY |
|---|---|---|
|  | MHS Mounting Interface | 4 |
|  | M4 × 6mm MHS-PSU Screws | 4 |
|  | M4 × 8mm MHS-Plate Screws | 4 |
|  | M4×0.7mm Lock Nuts | 8 |
|  | Cable Holder (Adhesive Backing) | 3 |
|  | 14AWG Green Wire w/ Ring Lug | 3 |
|  | M5 Nut w/ Star Washer | 7 |
|  | Cover Screws — Self Threading | 4 |

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- This enclosure is intended for indoor use only
- Terminal Blocks and Power Entry Module - UL Recognized


M4 x 6mm MHS-PSU Screws (4 pcs.)
MHS Mounting Interface (4 pcs.)
M4 x 0.7mm Lock Nuts (8 pcs.)
Cable Holder w/ Adhesive Backing (3 pcs.)
M4 x 8mm MHS-Plate Screws (4 pcs.)
14AWG Ground Wire w/ Ring Lug (3 pcs.)
M5 Nut w/ Star Washer (7 pcs.)
Cover Screws - Self Threading (4 pcs.)

# OPTIONAL CONFIGURATION

**BEYOND THE STANDARD**

The Molto-Flex platform extends well beyond stocked SKUs. Contact TRC for compatibility details and lead times.

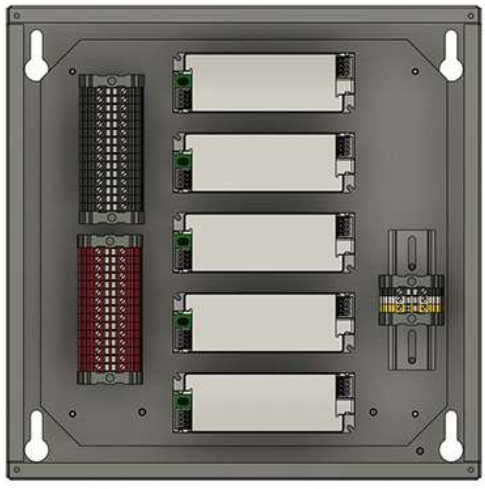
Below are some examples of other possible configurations

XLC

## XLC Driver Plate

Non-standard driver plate configuration for specialized driver integration requiring XLC-series compatible mounting.

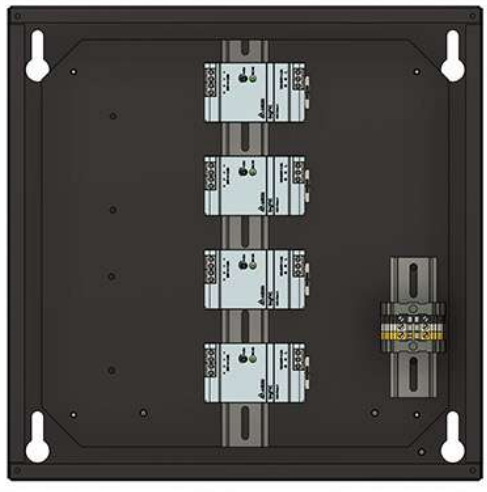
***Shown in Grey**



DRP

## DIN Rail Plate

NEC Class 2 compliant DIN rail variant. Supports standardized DIN-mounted components within the Molto-Flex footprint.

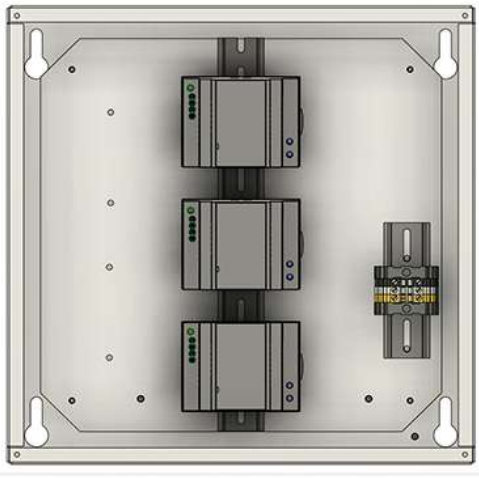


HDR

## HDR DIN Rail

High-density DIN rail mounting. Mechanically compatible with the standard enclosure — same footprint as stock models.

***Shown in White**



***Note:** This is not an exhaustive list. The Molto-Flex platform accommodates a broad range of PSU form factors and mounting configurations. Contact TRC for custom requirements.*