

Advantages of a Finger-Safe, Octal and Square Base Socket System

The Complete System Solution!

SECTION 2



I.D. Tag/Write-On Plastic Label

Used for Custom Identification of Circuits.

Isolated Input and Output Terminals

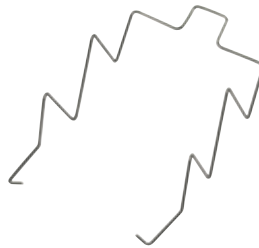
Separates Control Circuits from Load Circuits.

Slim Design

Minimizes Space on DIN Rail.

Mating Hold-Down Clips Available

Secures Relay to Socket.

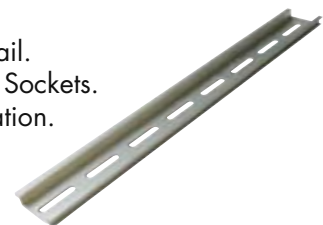


DIN Rail End Clip

Locking Screw Keeps a Snug DIN Rail System by Eliminating Sliding Sockets.

DIN Rail

35 mm Extruded Aluminum Rail. Designed to Work With Most Sockets. Pre-punched for Quick Installation.



- Offers a "one stop solution" for your power management system.
- Plug-In switching capabilities from 5 to 20 Amps.
- Optional Accessories allow for customized applications.
- Ejector clips, ribbed relay housings and space-saving sockets allow for easy removal from crowded DIN rails.
- Color and appearance designed for high visibility in all environments.
- Wiring diagrams include NEMA and IEC standards.

Modules

Allows for Optional Protection or LED Modules to be Used With Sockets.



Finger-Safe

Protects Operators from Live Circuits.

Internal Coil Bus Jumper System

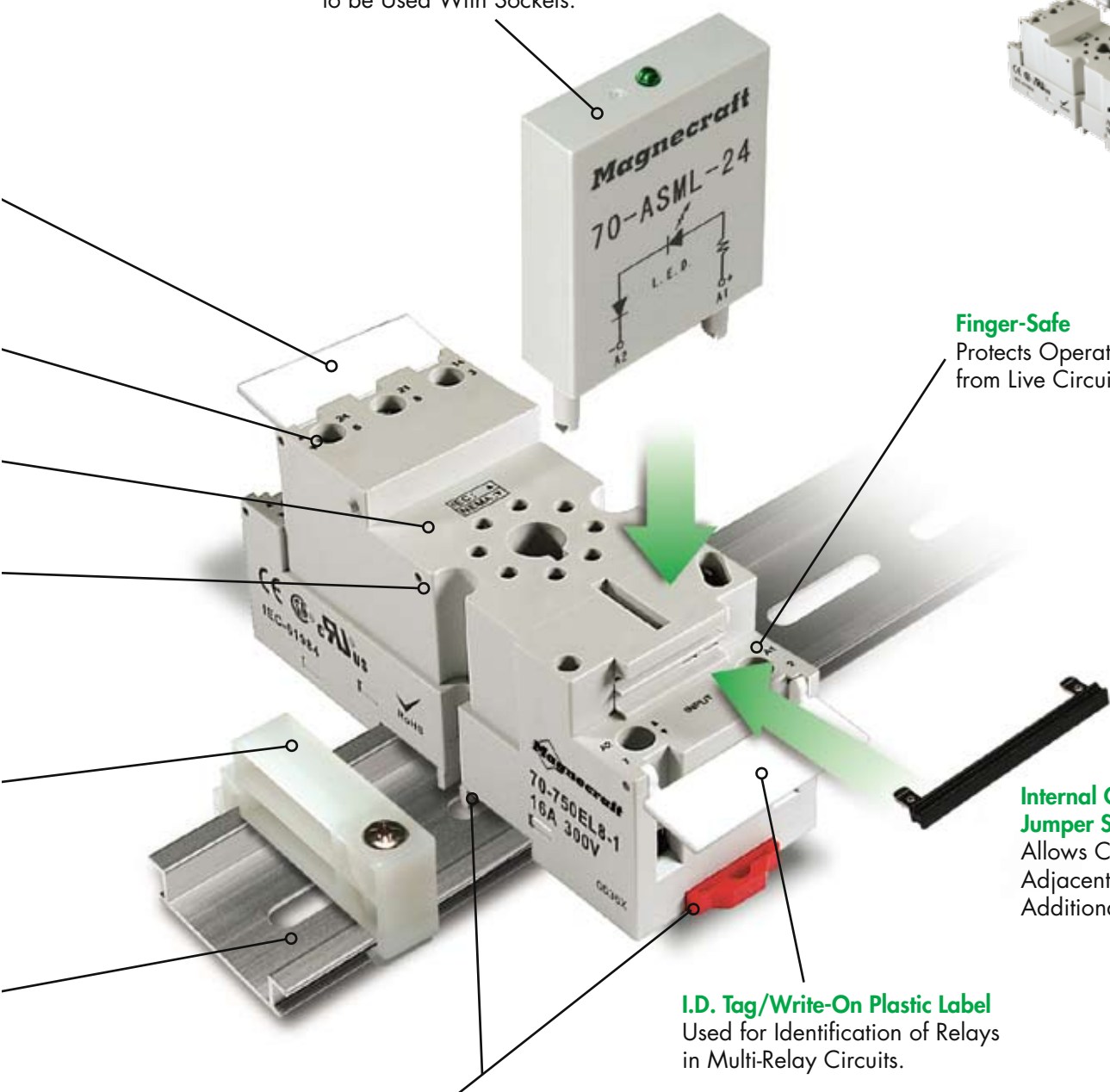
Allows Connection to Adjacent Sockets Without Additional Wiring.

I.D. Tag/Write-On Plastic Label

Used for Identification of Relays in Multi-Relay Circuits.

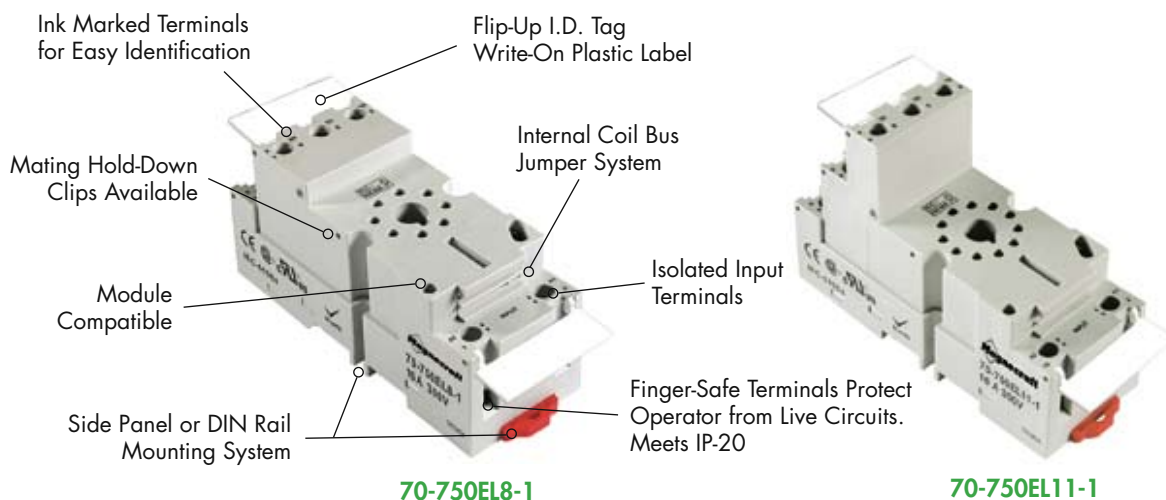
2-Way Side or DIN Rail Mounting System

Retrofits Existing Panel Mounting and 35 mm DIN Rail.



70-750EL8-1, 70-750EL11-1 Sockets/16 Amp Rating, 300 Volts

NEW
NEW
NEW
NEW
NEW



70-750EL8-1

70-750EL11-1

BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED



Standard Part Number

Description

70-750EL8-1

8 and 11-Pin Octal, Logic Style, Finger-Safe, DIN/Panel Mount w/Elevator Terminals, Module Compatible

70-750EL11-1

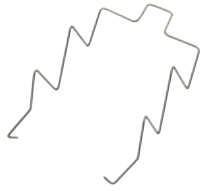
General Specifications (UL 508)

| Characteristics | Units | Value |
|-------------------------------------|------------|---------------------------|
| Number of Terminals | | 8, 11 |
| Electrical Rating | | |
| Nominal Voltage Rating | Volts | 300 |
| Nominal Current Rating | Amps | 16 |
| Dielectric Strength | | |
| Output to Adjacent Output Terminals | V rms | 3000 |
| Output to Input Terminals | V rms | 3000 |
| Terminals to Rail / Chassis | V rms | 3000 |
| Temperature | | |
| Operating Range: | °C | - 40 to + 80 |
| Storage Range: | °C | - 40 to + 105 |
| Construction | | |
| Protection Category (Finger-Safe) | EN 60529 | IP 20 |
| Internal Metal Tracks | | Copper Alloy, Zinc Plated |
| Screw Terminals | | Steel, Zinc Plated |
| Screw Style | | Combination Head, |
| Screw size | mm | M3.5 |
| Screw Torque 3.5 mm (Maximum) | Lb-in / Nm | 9 / 1.0 |
| Miscellaneous | | |
| Socket Mounting: | | Din / Panel |
| Wire Size Capacity (Maximum) | EN 60204-1 | AWG mm2 |
| Sold Cu | AWG, mm2 | 12 / 14 (2) 4 / 2.5 (2) |
| Stranded Cu | AWG, mm2 | 12 / 14 (2) 4 / 2.5 (2) |
| Wire Connection Method | | Elevator |
| DIN Rail Mounting | EN 60715 | 35mm |
| Chassis Mount Screw Torque | Lb-in / Nm | 7 / 0.8 |
| Flamability Rating | Class | 94V-0 |
| Body Color | | Light Gray |
| DIN Locking Method | | Red Plastic Locking Clip |
| Product Certification | | UL, CSA |
| Conformance | | CE, RoHS |
| Weight | grams | 79 |

Optional Mating Accessories



750 Relay



16-1351



70-ASM



16-750/788FT-1



16-750/788CBJ-1

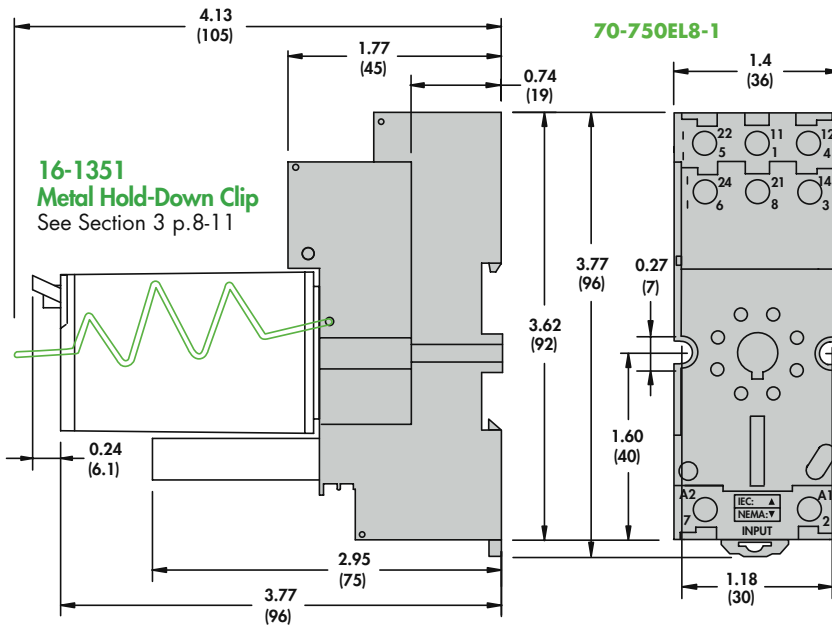


16-700DIN



16-DCLIP-1

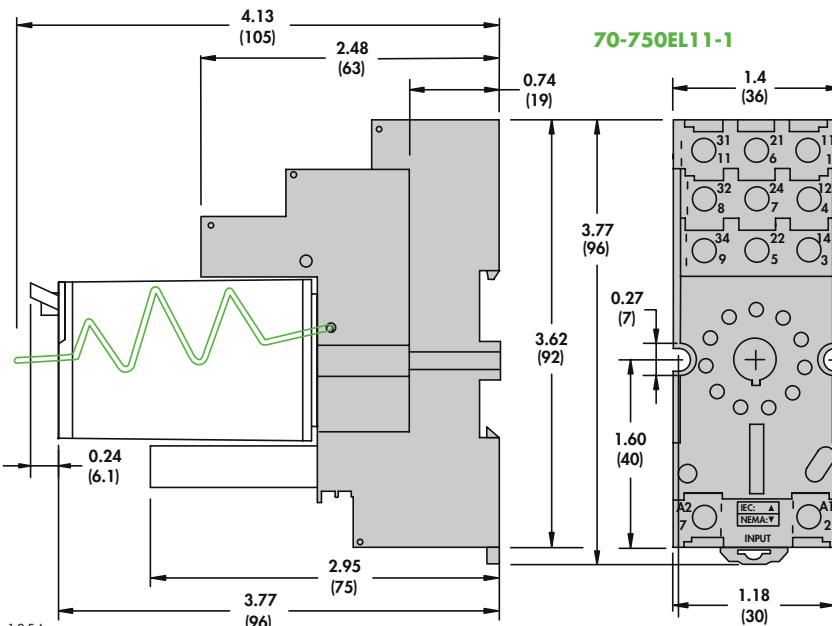
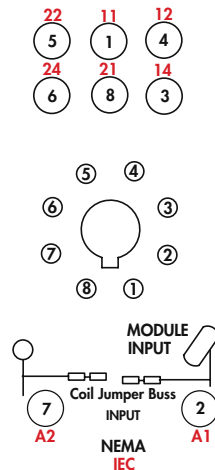
| Standard Part Number | Description | Catalog Location |
|----------------------|-----------------------|-------------------|
| 750 | Relay | Section 1 p.24-29 |
| 16-1351 | Metal Hold-Down Clip | Section 3 p.8-11 |
| 70-ASM | Module | Section 3 p.4-5 |
| 16-750/788FT-1 | Plastic I.D. Tag | Section 3 p.12 |
| 16-750/788CBJ-1 | Coil Bus Jumper | Section 3 p.13 |
| 16-700DIN | Metal DIN Rail | Section 3 p.19 |
| 16-DCLIP-1 | DIN Rail Locking Clip | Section 3 p.19 |



16-1351 Metal Hold-Down Clip
See Section 3 p.8-11

70-750EL8-1

Wiring Diagram Top View



70-750EL11-1

Wiring Diagram Top View

