

Advantages of a Finger-Safe, Ice Cube Socket System

The Complete System Solution!



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.
- Variety of contact configurations and materials to meet your switching needs.
- Plug-In switching capabilities from 10mA to 20 Amps.
- A variety of Feature Codes and operation combinations available for all budgets.
- 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.
- Engineering availability allows for customized relay solutions.
- Internal Coil Bus Jumper System reduces the number of wires required for hook-up to adjacent sockets.



Modules

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

The 700 series sockets have the perfect mix of historical Magnecraft socket quality combined with a dynamic arsenal of options. When mated with the Magnecraft relays and accessories, these RoHS compliant sockets provide a complete modular system that will meet all your plug-in relay requirements in a package that is both visually appealing and functionally outstanding resulting in a Complete Solution.



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.

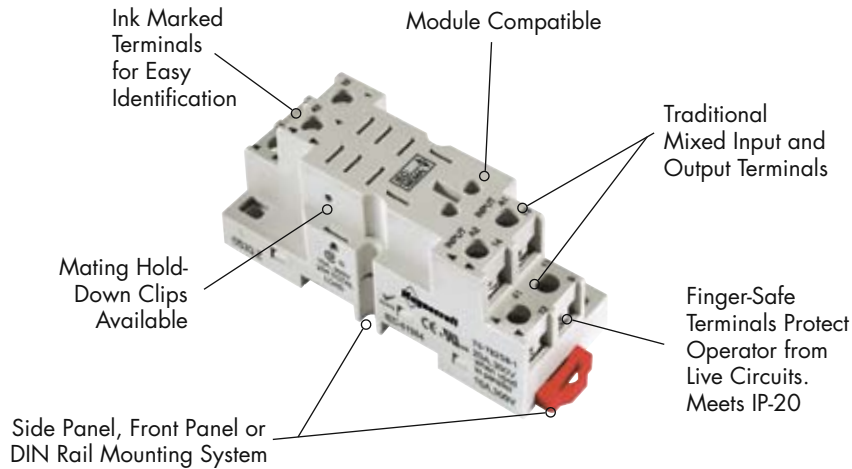
2-Way Side or DIN Rail Mounting System

Retrofits Existing Panel Mounting and 35 mm DIN Rail.



70-782D8-1 Socket/16 Amp Rating, 300 Volts

The 70-782D8-1 Socket Replaces Our Original 70-782D-1 Socket and is Now Dual Marked With Both Part Numbers.



BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

| Standard Part Number | Description |
|--|--|
| 70-782D8-1 Supercedes: 70-782D-1 | 8-Pin Socket, Finger-Safe, DIN/Panel Mount with Screw Terminals & Clamping Plates. |



General Specifications (UL 508)

| Characteristics | Units | Value |
|-------------------------------------|------------|---------------------------|
| Number of Terminals | | 8 |
| Electrical Rating | | |
| Nominal Voltage Rating | Volts | 300 |
| Nominal Current Rating | Amps | 16 |
| Dielectric Strength | | |
| Output to Adjacent Output Terminals | V rms | 2500 |
| Output to Input Terminals | V rms | 2500 |
| Terminals to Rail / Chassis | V rms | 2500 |
| 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 |
| Soild Cu | AWG, mm2 | 12 / 14 (2) 4 / 2.5 (2) |
| Stranded Cu | AWG, mm2 | 12 / 14 (2) 4 / 2.5 (2) |
| Wire Connection Method | | Screw Clamping |
| 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 | 55 |

Optional Mating Accessories



782 Relay



16-1342



16-782IDC



70-BSM

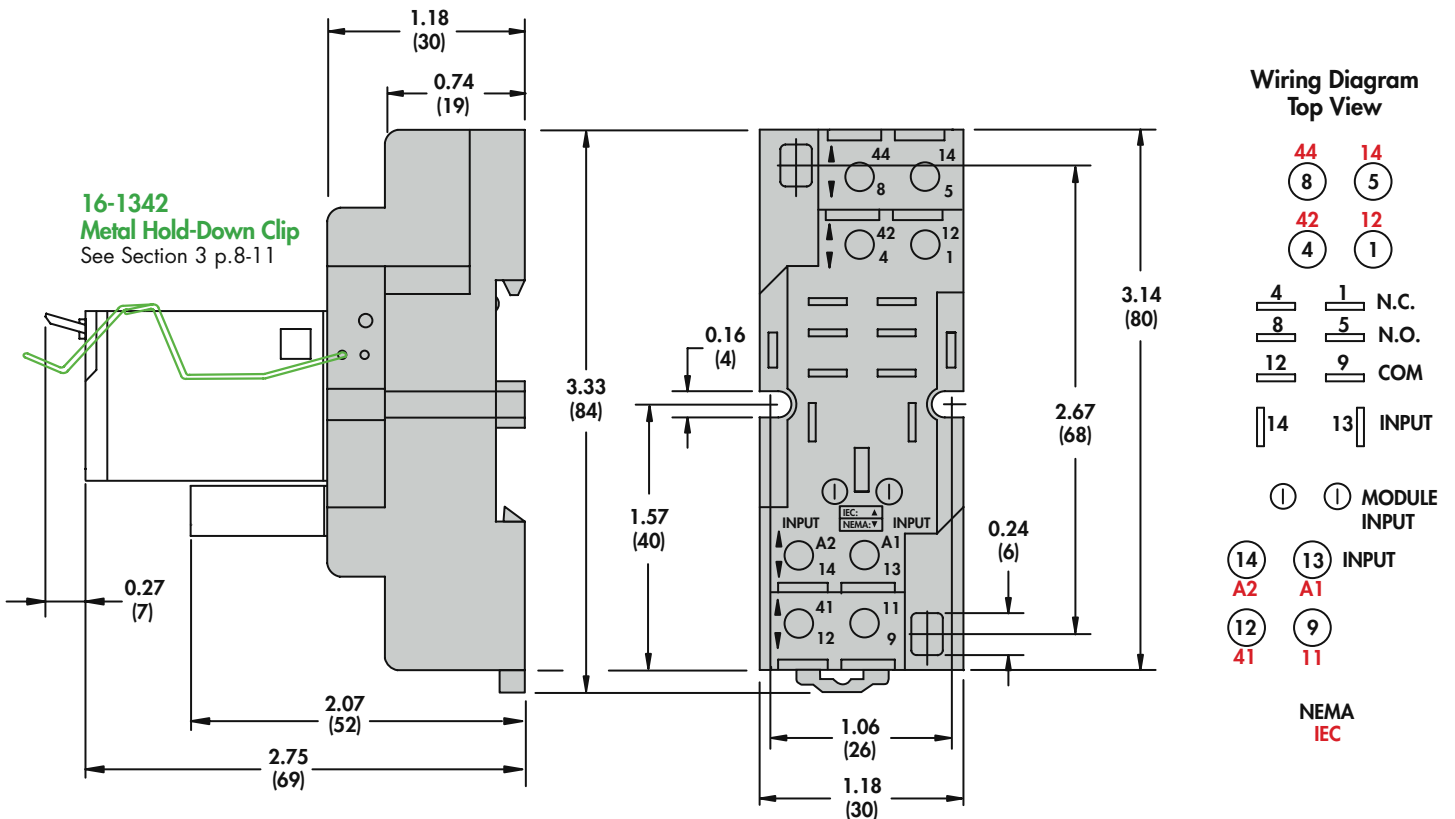


16-700DIN



16-DCLIP-1

| Standard Part Number | Description | Catalog Location |
|----------------------|-----------------------|-------------------|
| 782XAX, XBX | Relay | Section 1 p.12-13 |
| 16-1342 | Metal Hold-Down Clip | Section 3 p.8-11 |
| 16-782IDC | Plastic I.D. Clip | Section 3 p.8-11 |
| 70-BSM | Module | Section 3 p.6-7 |
| 16-700DIN | Metal DIN Rail | Section 3 p.19 |
| 16-DCLIP-1 | DIN Rail Locking Clip | Section 3 p.19 |



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- Специальные условия для постоянных клиентов.
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- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Входной контроль качества.
- Наличие сертификата ISO.

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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