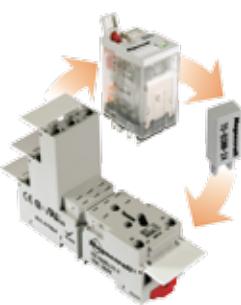


Advantages of a Finger-Safe, Ice Cube Socket System

The Complete System Solution!



- 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.



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.

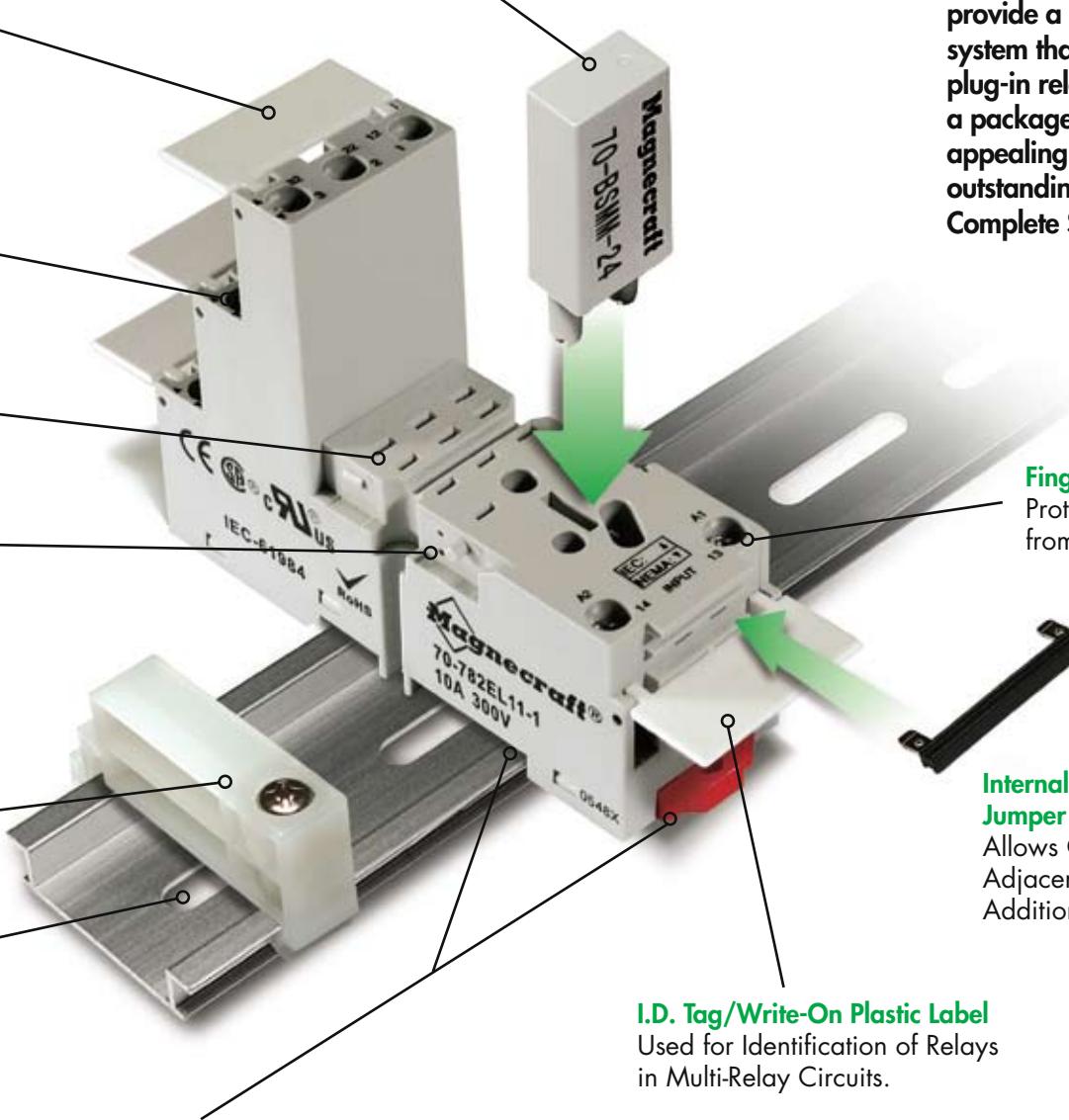
DIN Rail
35 mm Extruded Aluminum Rail.
Designed to Work With Most Sockets.
Pre-punched for Quick Installation.





Modules

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



2-Way Side or DIN Rail Mounting System
Retrofits Existing Panel Mounting and 35 mm DIN Rail.

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.



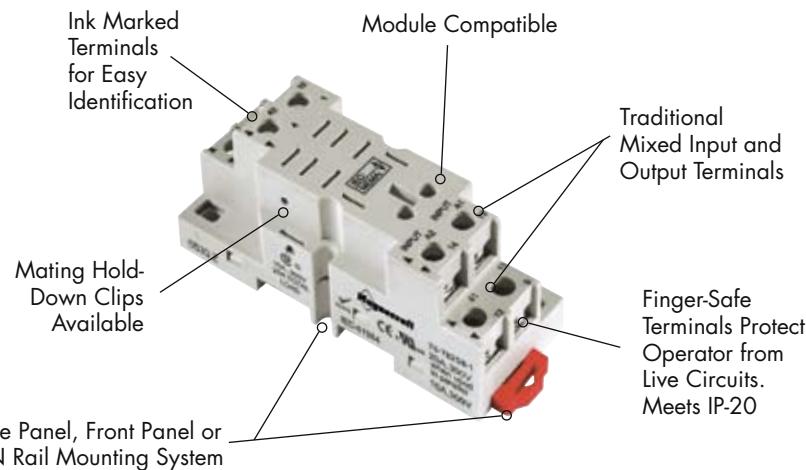
Internal Coil Bus Jumper System
Allows Connection to Adjacent Sockets Without Additional Wiring.

I.D. Tag/Write-On Plastic Label
Used for Identification of Relays in Multi-Relay Circuits.



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.



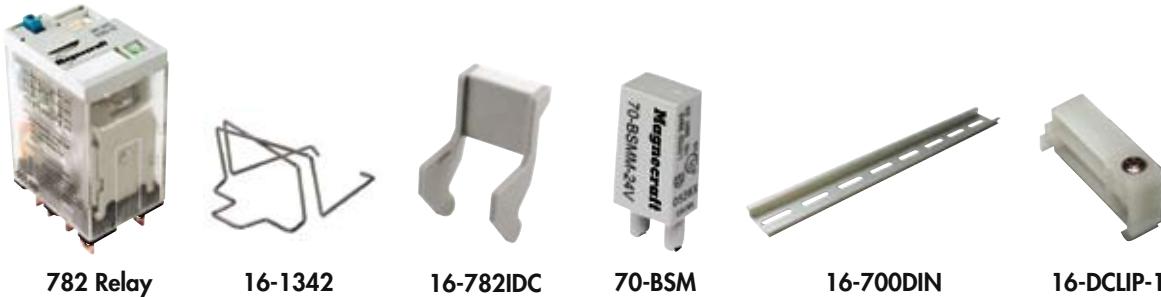
BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

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

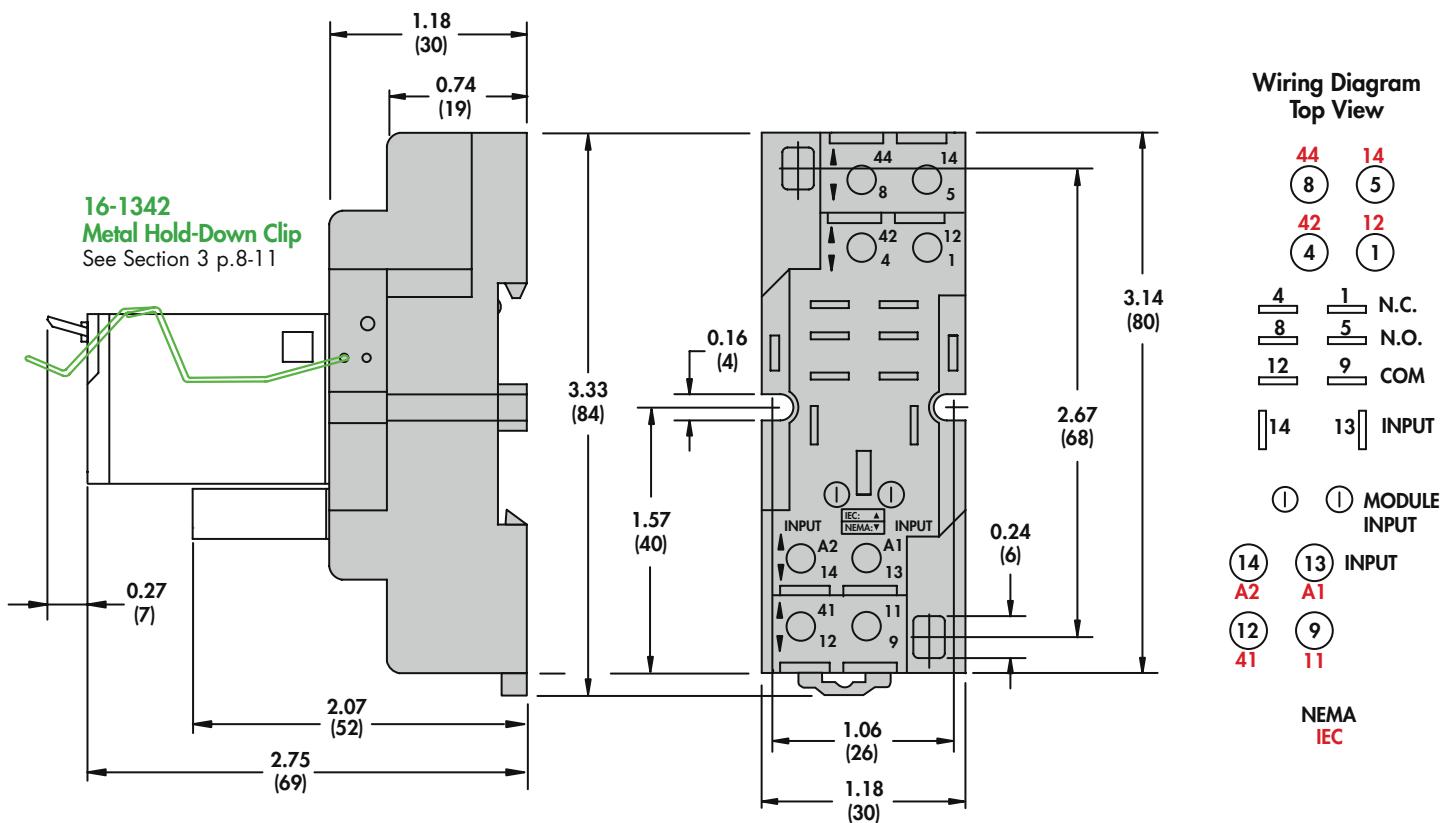
General Specifications (UL 508)

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 mm ²
Solid Cu	AWG, mm ²	12 / 14 (2) 4 / 2.5 (2)
Stranded Cu	AWG, mm ²	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
Flammability 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



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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