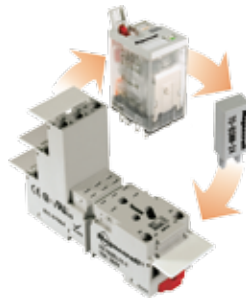


Advantages of a Finger-Safe, Ice Cube Socket System

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.



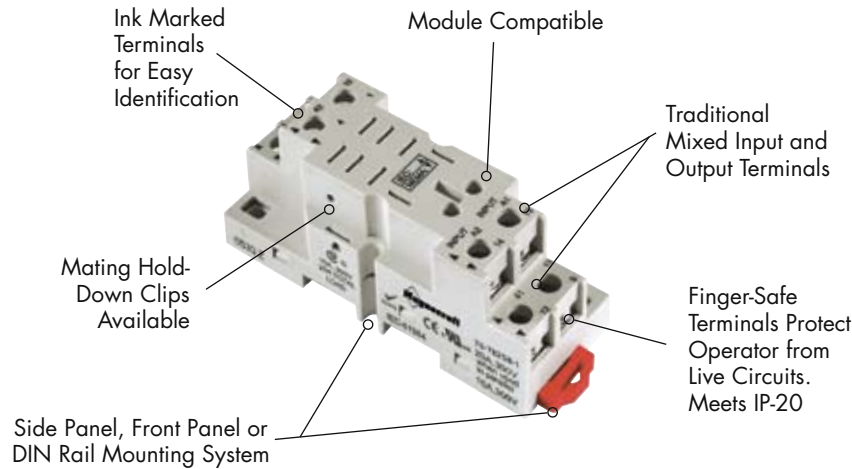
- Offers a “one stop solution” for your power management system.
- Variety of contact configurations and materials to meet your switching needs.
- Plug-In switching capabilities from 10mA to 20 Amps.
- A variety of Feature Codes and operation combinations available for all budgets.
- Ejector clips, ribbed 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.



2/3

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

70-782D8-1
Supercedes: 70-782D-1

Description

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
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		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



Magnecraft
70-BSMA-24V



**16-1342
Metal Hold-Down Clip**
See Section 3 p.8-11

Technical drawing showing the side and front views of the 16-1342 Metal Hold-Down Clip. Dimensions are provided in inches (in) and millimeters (mm).

Side View Dimensions:

- Overall width: 1.18 (30)
- Top flange width: 0.74 (19)
- Bottom flange width: 0.27 (7)
- Bottom flange thickness: 2.07 (52)
- Overall height: 2.75 (69)

Front View Dimensions:

- Overall width: 1.18 (30)
- Overall height: 3.14 (80)
- Top flange thickness: 0.16 (4)
- Top flange height: 1.57 (40)
- Top flange width: 0.24 (6)
- Top flange height: 2.67 (68)
- Top flange width: 1.06 (26)
- Top flange height: 0.24 (6)
- Top flange width: 1.18 (30)

Top View Details:

- Top flange features 4 holes (8, 14, 42, 12) and 4 slots (5, 1, 4, 1).
- Top flange features 4 holes (14, 13, 41, 11) and 4 slots (12, 9, 12, 9).
- Top flange features 4 holes (14, 13, 41, 11) and 4 slots (12, 9, 12, 9).
- Top flange features 4 holes (14, 13, 41, 11) and 4 slots (12, 9, 12, 9).

<u>4</u>	<u>1</u>	N.C.
<u>8</u>	<u>5</u>	N.O.
<u>12</u>	<u>9</u>	COM
<u>14</u>	<u>13</u>	INPUT

① ① **MODULE
INPUT**

(14) (13) INPUT
 A2 A1
 (12) (9)
 41 11

NEMA
IEC