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.

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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.

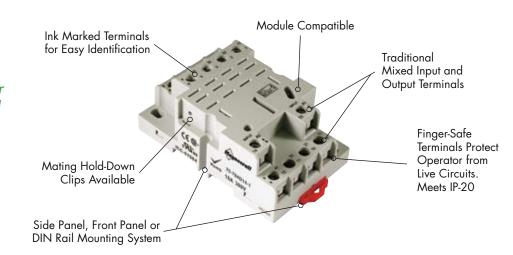
> **Finger-Safe** Protects Operators from Live Circuits.

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

2-Way Side or DIN Rail Mounting System Retrofits Existing Panel Mounting and 35 mm DIN Rail. **I.D. Tag/Write-On Plastic Label** Used for Identification of Relays in Multi-Relay Circuits.

70-784D14-1 Socket/16 Amp Rating, 300 Volts

The 70-784D14-1 Socket Replaces Our Original 70-784D-1 Socket and is Now Dual Marked With Both Part Numbers.





BOLD-FACED PART	NUMBERS ARE NORMALLY STOCKED	
Standard Part Number	Description	

General Specifications (UL 508)

General Specifications (UL 50)			
Characteristics	Units	Value	
Number of Terminals		14	
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	62	



Catalog Location Section 1 p.22-23 Section 3 p.8-11 Standard Part Number Description 784 16-784SC Relay Metal Hold-Down Clip 16-784IDC Plastic I.D. Clip Section 3 p.8-11 70-ASM Section 3 p.4-5 Module 16-700DIN Metal DIN Rail Section 3 p.19 16-DCLIP-1 DIN Rail Locking Clip Section 3 p.19

