



20 AMPS WHEN OUTPUT TERMINALS
ARE USED IN PARALLEL

16 AMPS, 300 VOLTS



COMPLIES WITH REQUIREMENTS OF

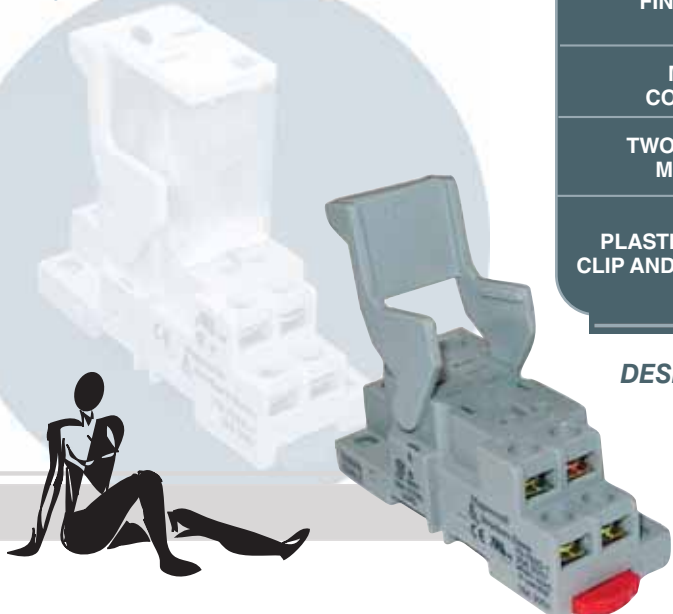
- * IEC STANDARDS 947-4-1 AND 947-5-1 LOW VOLTAGE DIRECTIVE
- * IEC = INTERNATIONAL ELECTROTECHNICAL COMMISSION
- * CE TESTING AND EVALUATION PERFORMED BY THE UNDERWRITERS LABORATORIES AS A THIRD PARTY PARTICIPANT

FEATURES

- HEAVY DUTY 1 PIECE TRACK AND CONTACT SYSTEM:
- IMPROVED CONTACT DESIGN:
- FINGER SAFE:
- MODULE COMPATIBLE
- TWO WAY PANEL MOUNTING:
- PLASTIC HOLD DOWN CLIP AND I.D TAG SYSTEM:

BENEFITS

- ALLOWS FOR GREATER HEAT DISSIPATION AND LOWER CONTACT RESISTANCE AT THE RELAY TERMINALS.
- ALLOWS FOR MORE AREA OF CONTACT ON RELAY TERMINALS, RESULTING IN LOWER CONTACT RESISTANCE AT RELAY TERMINALS.
- PREVENTS SHOCK TO OPERATORS BY KEEPING FINGERS AWAY FROM LIVE CIRCUITS.
- ALLOWS FOR OPTIONAL PROTECTION OR LED MODULES TO BE USED WITH SOCKET
- RETROFITS BOTH IDEC AND OMRON MOUNTING, IDEAL REPLACEMENT FOR EXISTING SOCKET
- ALLOWS FOR QUICK LOCKING OF RELAY IN TO SOCKETS AND REMAINS WITH SOCKET IF RELAY IS REMOVED. I.D. TAG IS IDEAL FOR CIRCUIT OR RELAY IDENTIFICATION.



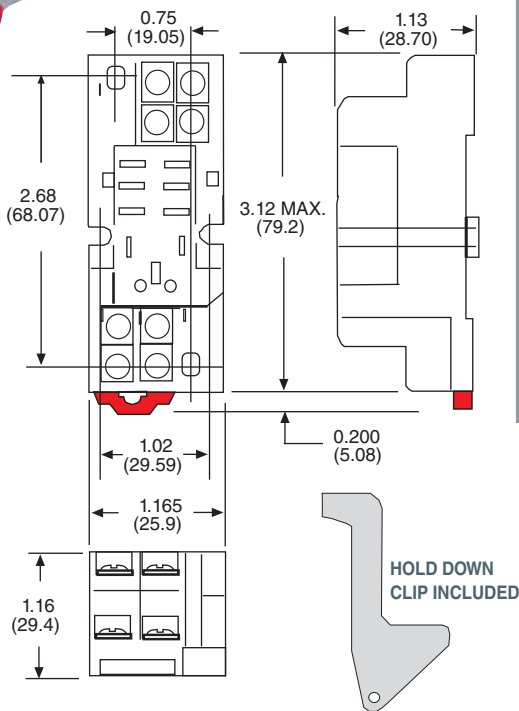
DESIGNED FOR PANEL OR DIN MOUNT.

GENERAL SPECIFICATIONS (@ 25°C)

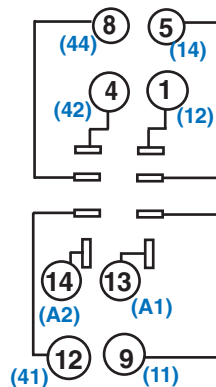
	UNITS	
NUMBER OF TERMINALS		8
ELECTRICAL RATING		
Nominal Voltage Rating:	Volts	300
Nominal Current Rating:	Amps	16 / 20
DIELECTRIC STRENGTH		
Output to Adjacent output Terminals:	V rms	2000
Output to Input Terminals:	V rms	2000
Terminals to Rail Chassis:	V rms	2000
CONSTRUCTION		
Protection Category (Finger Safe):	IEC	IP20
Internal Metal Tracks:		Copper Alloy, Zinc Plated
Screws Terminals:		Steel, Zinc Plated
Screw Style and Size:	mm	Combination Head, M3.5 x 0.06 x 6.35
Screw Terminal Torque Maximum:	Lb-in / Nm	8 / 0.90
TEMPERATURE		
Operating, Lower:	°C	-40
Operating, Upper:	°C	+80
MISCELLANEOUS		
Chassis Mount Screw Torque:	Lb-in / Nm	8 - 10 / 0.90 - 1.13
Flammability Rating:		94V-0
Wire Size:	AWG/mm2	20 - 12 / 0.5 - 3.0
Body Color:		Light gray
DIN Locking Clip Color:		Red
Weight:	grams	55

OUTLINE DIMENSIONS

DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).
TOLERANCES : ± 0.010 (± 0.25)
UNLESS OTHERWISE SHOWN



WIRING DIAGRAM (TOP VIEW)



ALTERNATE NEMA OR IEC () NUMBERS VIEWED FROM PIN SIDE

Mating Relay 782
See section 1
Mating Hold Down Clip 16-1349

STANDARD PART NUMBER	DESCRIPTION
70 - 782D - 1	8 PIN FINGER SAFE SOCKET, DIN / PANEL MOUNT WITH SCREW TERMINALS & CLAMPING PLATES.