



# Relay and Timer Specifications

Bulletin 700

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## 700-HL Terminal Block Relay

- Relay and socket assembled interface modules for high density interposing or isolation applications
- Screw terminal and spring-clamp bases
- 6 A relay, choice of silver or gold contacts
- 2 A solid-state relay — DC output
- 2 A solid-state relay — AC output
- SPDT (relay), 1 N.O. (solid-state)
- Built-in retainer clip and snap-in marker lever
- Standard LED, reverse polarity protection, and surge protection
- Externally replaceable relay modules
- Unique leakage current suppression version to address industry concerns of nuisance coil turn-on or contact non-drop out when connecting to PLCs with leakage current
- Available with hazardous location certification



Standard built-in Features: • LED • Reverse Polarity Protection for DC Inputs • Coil Surge Protection <sup>(1)</sup>				
	Cat. No. 700-HLT1Z24	Cat. No. 700-HLT2Z24	Cat. No. 700-HLS1Z24	Cat. No. 700-HLS11Z24
Specifications			(3) 	
Output Type	SPDT (1 C/O); $I_{th} = 6A$ <sup>(2)</sup>		1 N.O. solid-state; $I_{th} = 2 A, 24V DC$ or $I_{th} = 2 A, 240V AC$	
Recommended Tightening Torque	0.5 N•m max. (4.4 lb•in)			
Wire Range	Screw Terminal: 0.14 mm <sup>2</sup> . . . 2.5 mm <sup>2</sup> (#26 . . . #14 AWG), Spring Terminal: 0.2 mm <sup>2</sup> . . . 2.5 mm <sup>2</sup> (#24 . . . #14 AWG)			
Approvals	UL, cULus, cURus, ABS, CE			

(1) Diode surge protection provided.

(2) For Gold-plated contacts: Add the letter "X" at the end of the catalog number. For example: if Cat. No. 700-HLT1Z24 is required with gold plating, the new cat. no. is 700-HLT1Z24X.

(3) Reverse polarity on the output terminals of the solid-state relay will result in the output being "ON" regardless of the state of the input voltage.

Input Voltage	Pkg. Qty.	Cat. No. (Screw Terminals)	Cat. No. (Spring Clamp Terminals)	Pkg. Quantity	Cat. No. (Screw Terminals) (DC Output)	Cat. No. (Spring Clamp Terminals) (DC Output)	Cat. No. (Screw Terminals) (AC Output)
12V DC	10	<sup>(2)</sup> 700-HLT1Z12	700-HLT2Z12	—	—	—	—
24V DC	10	<sup>(2)</sup> 700-HLT1Z24	700-HLT2Z24	10	<sup>(2)</sup> 700-HLS1Z24	700-HLS2Z24	700-HLS11Z24
48V DC	10	<sup>(2)</sup> 700-HLT1Z48	700-HLT2Z48	10	<sup>(2)</sup> 700-HLS1Z48	700-HLS2Z48	700-HLS11Z48
12V AC/DC	10	700-HLT1U12	700-HLT2U12	—	—	—	—
24V AC/DC	10	700-HLT1U24	700-HLT2U24	—	—	—	—
48V AC/DC	10	700-HLT1U48	700-HLT2U48	—	—	—	—
110/125V AC/DC	10	700-HLT1U1	700-HLT2U1	10	<sup>(2)</sup> 700-HLS1U1	700-HLS2U1	700-HLS11U1
220 . . . 240V AC/DC	10	700-HLT1U2	700-HLT2U2	10	<sup>(2)</sup> 700-HLS1U2	700-HLS2U2	700-HLS11U2
240V AC	10	700-HLT1A2	—	—	—	—	—