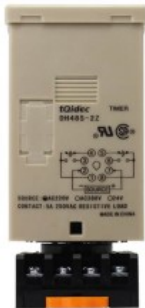

DH48S-2Z Digital Display Delay Time Relay



General description :



DH48S adopt advanced IC and digital tube, can replace H5CN or such function products. With advantage of:

- Beautiful appearance,
- Wide delay time range,
- High accuracy,
- Low power consumption,
- Long life,

- Big contact rating,

used for automatic control.

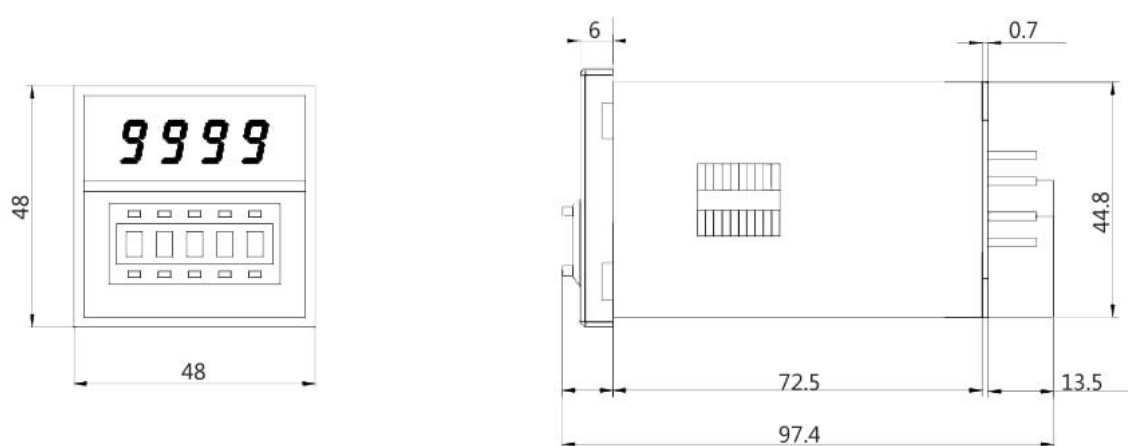
Main technical parameters:

Model	DH48S-1Z	DH48S-S	DH48S-2Z	DH48S-S-2Z	DH48S-2ZH
Operation Mode	Single-pass	Repetition or single-pass	Single-pass	Repetition or single-pass	Single-pass
Contact Form	On-delay SPDT, with reset & pause function		On-delay DPDT		On-delay SPDT and instantaneous SPDT
Delay Range	DH48S			DH48SA	
	Switch value	Delay range	Switch value	Delay range	
	H	1M-99H99M	M、S	1S-99M99S	
	M	1S-99M99S	H、M	1M-99H99M	
	S	0.01S-99.99S	0.01S	0.01S-99.99S	
			0.1S	0.1S-99.9S	
			S	1S-9999S	
			M	1M-9999M	
			10S	10S-99990S	
			0.1M	0.1M-999.9M	
			0.1H	1M-999.9H	
			H	1H-9999H	
Power Supply Tolerance	85-110% rated voltage				
Rated Voltage	DC12V, DC24V, AC110V, AC220V, AC380V				
Delay Control Accuracy	$\leq 0.3\% \pm 0.05S$				
Contact Rating	5A@220VAC, 5A@30VDC(resistance)				
Mechanical Life	$\geq 10^7$				
Electrical Life	$\geq 10^5$				
Ambient Temperature	$-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$				
Power Dissipation	$\leq 5W$				
Altitudes	$<2000m$				
Panel Size	48 x 48 x 100 (mm)				
Hole Size	45 x 45 (mm)				
Mounting Methods	Panel, Din rail				

Sequence diagram:

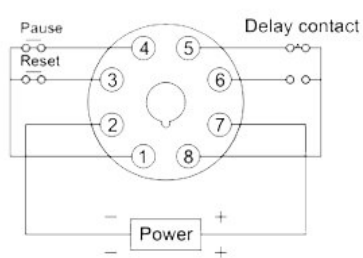


Dimensions & Fixed hole:

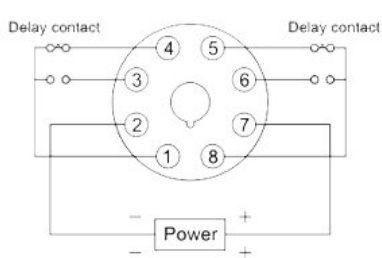


Note: Perforation dimension 45.5 x 45.5 mm

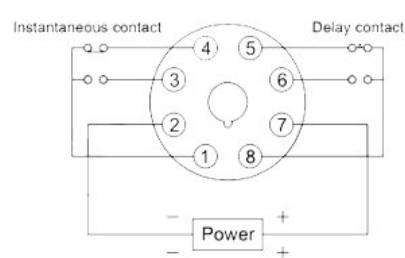
Wiring diagram:



DH48S-S, DH48S-1Z



DH48S-S-2Z, DH48S-2Z



DH48S-2ZH

Use instruction:

1. Set delay time first, then switch on electric power.
2. After delay time set, should cover the protective hat, to avoid to press the dial switch then timer action.

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3. If the load current is big, should be used with contactor.
 4. When switch on ?? terminal, the contact position will reset, when switch off, the time will begin with zero, can use this function to achieve Off?delay function (DH48S?2Z don't have this function).
 5. Use pause function as a counter: (DH48S?2Z don't have this function), when switch on ?? terminal, the time is pause, display hold, when switch off, the time continue.
 6. Reset and pause wire, please use shield wire.
 7. Forbid add voltage to pause or reset terminal.
 8. The use circumstance should be without causticity, dust, rain, frost, oil mist.
 9. Note: This product can full display, hidden zero, count, countdown.

Product link : <https://www.controllermeter.com/dh48s-2z-digital-display-delay-time-relay.html>