

SERIES: SR7 | DESCRIPTION: SIGNALRELAY

FEATURES

- 3~24 Vdc coil voltage
- 200 mW coil power
- contact form 1C



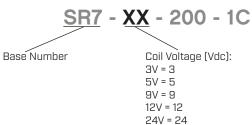


MODEL	coil voltage	coil resistance	operating voltage	release voltage	coil power
	typ (Vdc)	(Ω±10%)	min (Vdc)	max (Vdc)	typ (mW)
SR7-3V-200-1C	3	45	2.25	0.3	200
SR7-5V-200-1C	5	125	3.75	0.5	200
SR7-9V-200-1C	9	405	6.75	0.9	200
SR7-12V-200-1C	12	720	9.0	1.2	200
SR7-24V-200-1C	24	2,880	18.0	2.4	200

Notes: 1. All specifications are measured at 23°C unless otherwise specified.

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PART NUMBER KEY



CONTACT SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
contact form	1 Form C				
contact material	AuAg overlay				
contact rating	1 A @ 120 Vac, 24 Vdc				
contact resistance	at 6 Vdc, 0.1 A			50	mΩ
max switching voltage				220 30	Vac Vdc
max switching current				З	А
max switching power				360 72	VA W
min switching load	5 Vdc, 10 mA				
life	electrical mechanical		100,000 10,000,000		operations operations

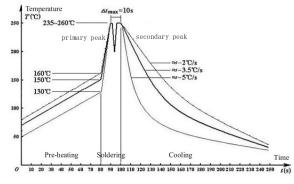
GENERAL SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
insulation resistance	at 500 Vdc	100			MΩ
dielectric strength	between open contacts for 1 minute between coil and contacts for 1 minute		750 1,500		Vac Vac
operate time				5	ms
release time				5	ms
shock resistance	endurance misoperation		1,000 100		m/s² m/s²
vibration resistance	endurance: 10~55 Hz, 1.5 mm double amplitude misoperation: 10~55 Hz, 1.5 mm double amplitude				
operating temperature		-25		70	°C
humidity	at 40°C	35		95	%RH
weight			4.0		g
safety approvals	UL/cUL 508				
flammability rating	UL94V-0				
RoHS	Ves				
packaging	tube: 25 pcs per tube carton size: 466 x 306 x 140 mm carton QTY: 2,000 pcs per carton				

SOLDERABILITY

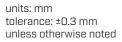
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parameter	conditions/description	min	typ	max	units
hand soldering	for 3.5±0.5 seconds	340	350	360	°C
wave soldering	for 10±1 seconds	255	260	265	°C

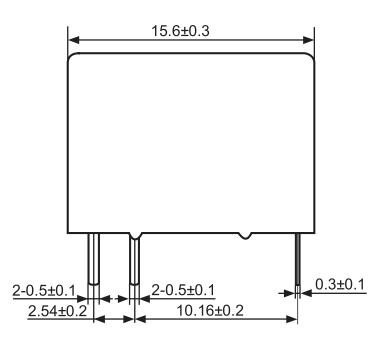


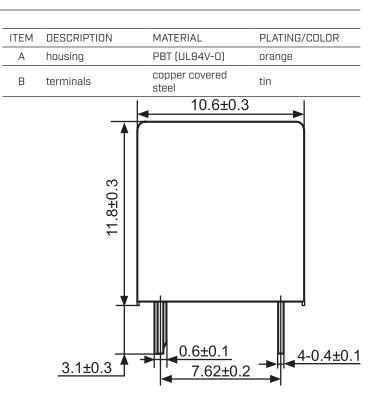
Double-wave Soldering Curve

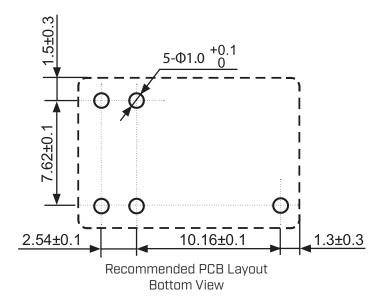
MECHANICAL DRAWING

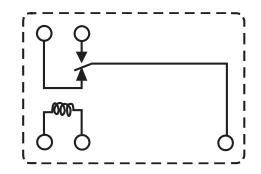


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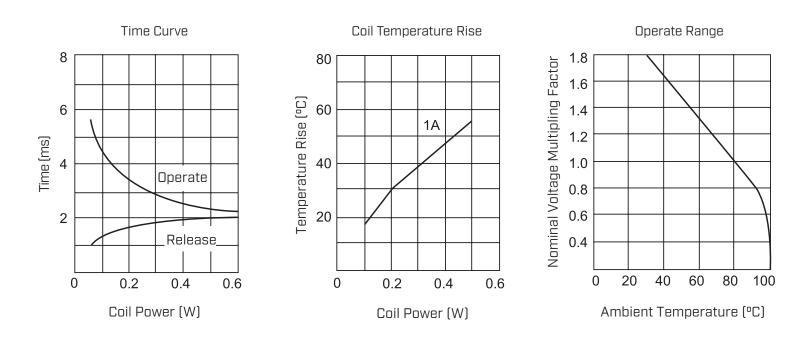






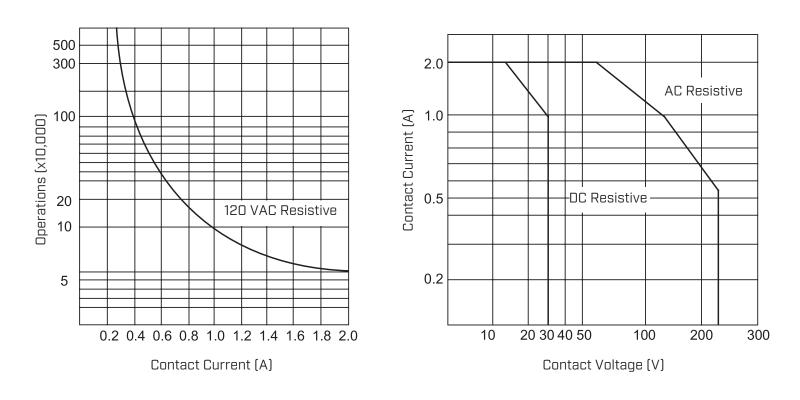
Wiring Diagram Bottom View

CHARACTERISTIC CURVES



Life Curve





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REVISION HISTORY

rev.	description	date	
1.0	initial release	06/07/2022	
1.01	logo, datasheet style update	10/28/2022	

The revision history provided is for informational purposes only and is believed to be accurate.

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.



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