

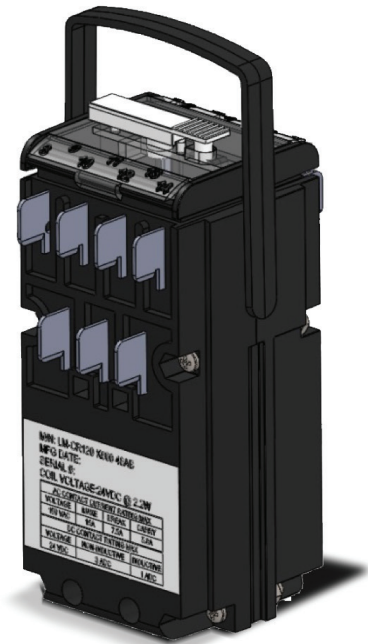
LM-CR120K

The LM-CR120K relay is a compact high fidelity relay. The relay is designed to fit into a GE CR120KX3A relay socket and is a form, fit and functional replacement for the GE CR120K relay.

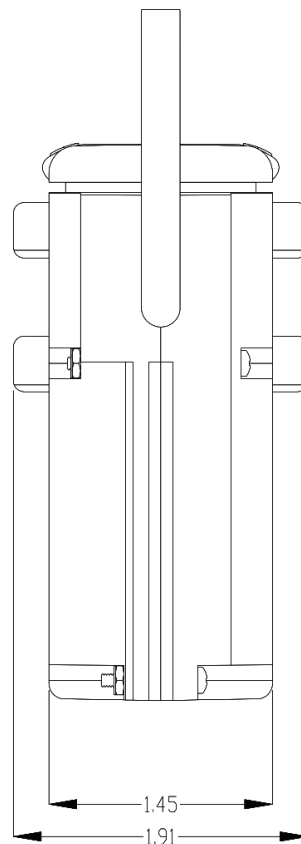
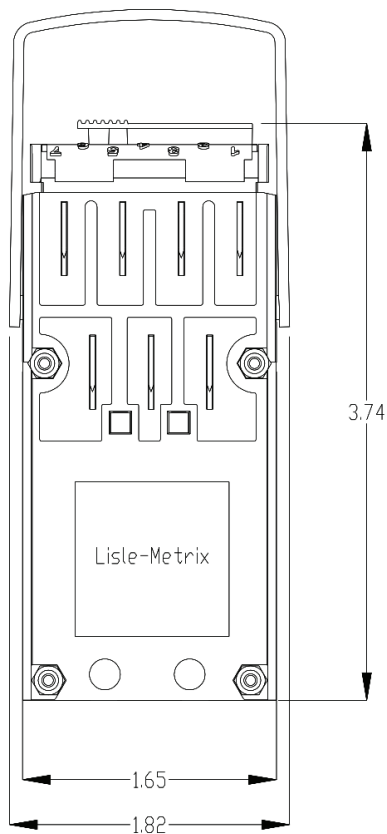
All wiring connections are made to the relay socket and not directly to the relay.

The relay has a clear plastic cover to allow visual inspection of the relay contacts. The relay also has a manual actuator that permits the manual operation of the relay contacts.

The LM-CR120K relay is an easy to install relay. It is reliable, using bifurcated contacts with a wipe scrub action to insure a positive make. Response time is dependent upon the contact configuration required.



Outline and Mounting Dimensions



LM-CR120K

High Fidelity Relay

SPECIFICATIONS

Performance	Coil Voltages	See How to Order. Other coil voltages are available upon request.
	Pickup / Dropout Voltage	70% nominal / 10% nominal - Vdc coils only
	Coil Power Consumption	2.2 watts nominal (24 Vdc coil); 2.8 watts nominal (115 Vac coil)
	Coil Inrush	≤ 2.2 watts (24 Vdc coil); ≤ 11 VA (115 Vac coil)
	Contact Arrangement	See How To Order. Other contact arrangements are available upon request.
	Contact Rating, AC	Max Voltage: 150 Vac Max Amperage: ≤ 5 A continuous @ 80% power factor ≤ 15 A make @ 80% power factor ≤ 7.5 A break @ 80% power factor
	Time Response	Contact arrangement dependent
Environment	Temperature Range	-20 to 55°C (operating); -40 to 60°C (storage)
	Humidity Range	0 to 90 %RH non-condensing
	Pressure Range	Atmospheric
	Radiation	<5mRad/hr, < 10 ⁴ Rad TID
	Mechanical Life	40 years per IEEE C37.105-2010
Qualification	Environmental	IEEE C37.105-2010
	Seismic	IEEE C37.98-2013; NO contacts only
	EMI/RFI	None

How To Order

*LM-CR120K	xxx	xx	AB
Model			Plug in Relay
	<u>Contact Arrangement</u>	<u>Coil Voltages</u>	
	600 6 NO	02 115 Vac, 60 Hz	
	420 4 NO, 2 NC	48 24 Vdc	
	240 2 NO, 4 NC		

*Other coil voltages and contact arrangements available upon request.

CONTACT INFORMATION:

Curtiss-Wright Nuclear Division / I&C Products
 1350 Whitewater Drive, Idaho Falls, ID, 83402 T: (208) 497.3333 | Scientech-I&C-Sales@curtisswright.com