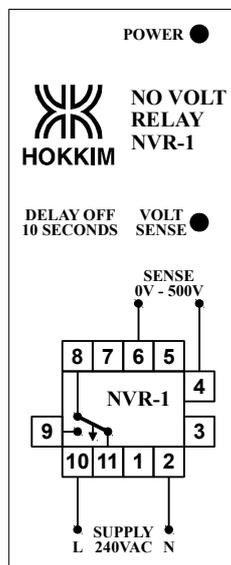


Model : **NVR-1**
 Description : No Volt Relay with delay

Utilization:

The NVR-1 is actually a voltage detection relay with sensitivity from as low as 0.5 volts. It is use to detect the back E.M.F (electromotive force) or counter EMF from a rotating motor. For forward and reverse motor rotation, it is essential the motor completely stops before it changes direction. With electrical interlocking, you cannot stop a motor and reverse its direction immediately, which is harmful to the motor. The NVR-1 detects the voltage at the motor's supply terminals (any 2 phase). When supply is cut from the motor, its momentum continues to rotate the motor which produces the back EMF. The NVR-1 detects this back EMF and continue to energize a relay which is use to stop the reverse direction contactor from starting. For added safety, there is a delay of 10 seconds from the moment no voltage is detected before the relay de-energize.



Technical Data

Supply Voltage	: □ 240VAC
Frequency	: 50~60Hz
Consumption	: 0.5VA
Sense Response Time	: 200 msec.
Off Response Delay Time	: 10 seconds.
Sense Voltage Range	: Minimum 0.5 VAC Maximum 500 VAC
Indication	: Green LED (Power ON) Red LED (Volt Sense)
Output Contacts	: 5A 240V 50Hz AC1
	Relay ON 11-9 Close 11-8 Open
	Relay OFF 11-9 Open 11-8 Close

