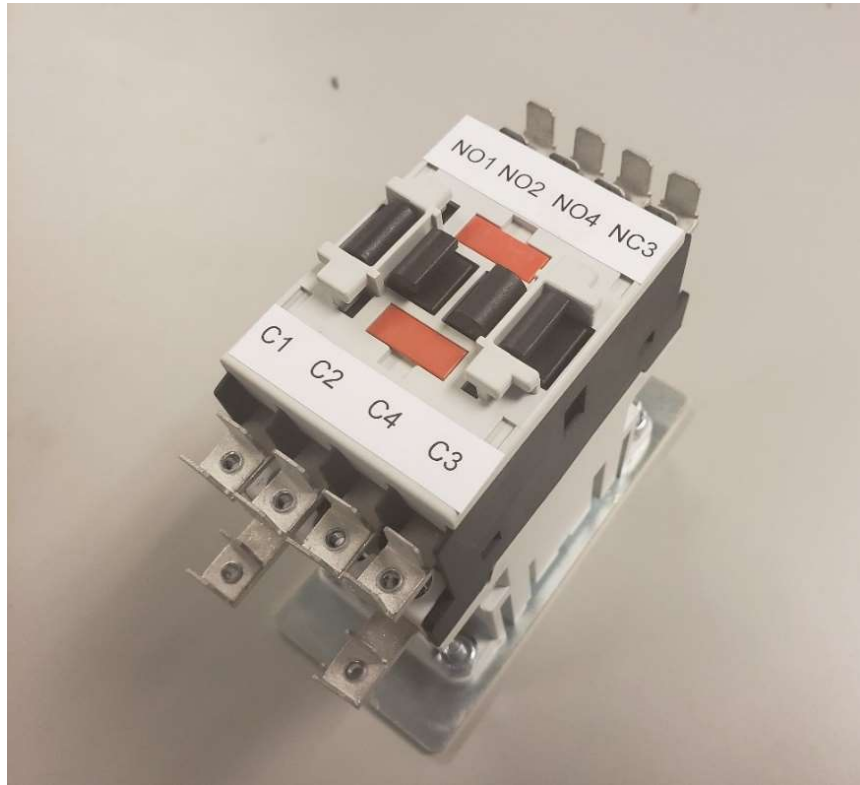


# HIGH CAPACITY RELAY



- Designed for high current applications, such as fuel pumps
- Continuous rating of 30 amps
- Mounts in same footprint of original relay
- Available in 3 configurations
  - 3 Normally Open, 1 Normally Closed
  - 2 Normally Open, 2 Normally Closed
  - 4 Normally Open
  - Other configurations possible

## RELAY SYSTEMS OF AMERICA

3439 Northbend Circle Alcoa, TN 37701 865-249-7321

[WWW.RELAYSYSTEMSOFAMERICA.COM](http://WWW.RELAYSYSTEMSOFAMERICA.COM)

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REGISTERED VETERAN OWNED SMALL BUSINESS



# Relay Systems of America

## DC High Capacity Relay Specifications

Absolute Ratings		min	max	unit
TO	Operating Temperature	-50	85	deg C
TS	Storage Temperature	-60	125	deg C
LE	Life Expectancy	>1,000,000		Cycles
V <sub>max</sub>	Maximum Input Voltage	135		Vdc
V <sub>iso</sub>	Isolation Voltage	1800		Vdc
HUM	Humidity	0	100	%

Input Ratings		min	max	unit
V <sub>i</sub>	Continuous Input Voltage	0	80	Vdc
V <sub>off</sub>	Drop Out Voltage	16	20	Vdc
V <sub>on</sub>	Pick-Up Voltage	41	46	Vdc
P <sub>in</sub>	Input Power	1.70	2.30	Watts
W <sub>tr</sub>	Transient Protection	1500		Watts

Load Ratings		min	max	unit
V <sub>load</sub>	Load Voltage	0	150	Vdc
A <sub>load</sub>	Load Current	0.1	30	Adc
S	Shock	>20		G's
SB	Shock Without Bounce	4		G's