

HIGH VOLTAGE DC CONTACTOR SERIES OVERVIEW

A quick reference guide of our product offering

Resin Design Relays

Littelfuse Resin Design High Voltage DC Contactor Relays have an epoxy resin at the stud end of the assembly for a true, hermetic sealing of the entire relay. These relays are IP67 sealed to keep moisture out of the assembly. Resin Design Relays also have a remarkably simple manufacturing process which results in a relatively low overall cost.

PART NUMBER SYSTEM

DCNLEV50
Series Name

+ -CS = DCNLEV50-CS
PN Suffix

Part Number

30A-50A	Series Name	DCNSEV30				DCNLEV50																							
	Amperage	30A Continuous Carry				50A Continuous Carry																							
	Nom. Coil Voltage	12V DC		24V DC		12V DC								24V DC								48V DC							
	Voltage Rating	900V DC		900V DC		900V DC								900V DC								900V DC							
	Mounting Type	Bottom		Bottom		Bottom				Side				Bottom				Side				Bottom				Side			
	Auxiliary Circuit	N		N		Y		N		Y		N		Y		N		Y		N		Y		N		Y		N	
	Terminals	P		P		P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP
	Part Number Suffix	-B		-C		-BA	-BAN	-B	-BN	-BAS	-BASN	-BS	-BSN	-CA	-CAN	-C	-CN	-CAS	-CASN	-CS	-CSN	-EA	-EAN	-E	-EN	-EAS	-EASN	-ES	-ESN



100A	Series Name		DCNLEV100																							
	Amperage		100A Continuous Carry								100A Continuous Carry								100A Continuous Carry							
	Nom. Coil Voltage		12V DC								24V DC								48V DC							
	Voltage Rating		750V DC								750V DC								750V DC							
	Mounting Type		Bottom				Side				Bottom				Side				Bottom				Side			
	Auxiliary Circuit		Y		N		Y		N		Y		N		Y		N		Y		N		Y		N	
	Terminals		P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP
	Part Number Suffix		-BA	-BAN	-B	-BN	-BAS	-BASN	-BS	-BSN	-CA	-CAN	-C	-CN	-CAS	-CASN	-CS	-CSN	-EA	-EAN	-E	-EN	-EAS	-EASN	-ES	-ESN



150A-250A	Series Name		DCNEV150				DCNEV250											
	Amperage		150A Continuous Carry				250A Continuous Carry											
	Nom. Coil Voltage		12V DC				12-24V DC				48-72V DC				72V DC			
	Voltage Rating		900V DC				900V DC				900V DC				900V DC			
	Mounting Type		Bottom				Bottom				Bottom				Bottom			
	Auxiliary Circuit		Y		N		Y		N		Y		N		Y		N	
	Terminals		P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP
	Part Number Suffix		-MA	-MAN	-M	-MN	-MA	-MAN	-M	-MN	-GA	-GAN	-G	-GN	-FA	-FAN	-F	-FN
										-GB				-FB				



P = Polarized NP = Non-Polarized

Ceramic Design Relays

Littelfuse Ceramic Design High Voltage DC Contactor Relays have a more sophisticated, ceramic arc chamber. The ceramic arc chamber is soldered, hermetically sealing the chamber in a superior manner to the Resin Design Relays.

- These relays are IP54 dust and water splash protected to greatly reduce foreign contaminants and moisture in the contactor.
- Ceramic Design Relays have higher contact voltage capacity and can withstand higher pressures and temperatures longer.

PART NUMBER SYSTEM

DCNEVT150

+ -CS = DCNEVT150-CS

Series Name

PN Suffix

Part Number



150A-500A	Series Name		DCNEVT150				DCNEVT350				DCNEVT400				DCNEVT500			
	Amperage		150A Continuous Carry				350A Continuous Carry				400A Continuous Carry				500A Continuous Carry			
	Nom. Coil Voltage		12V DC		24V DC		12V DC		24V DC		12V DC		24V DC		12V DC		24V DC	
	Voltage Rating		450V DC		450V DC		1800V DC		1800V DC		1800V DC		1800V DC		1800V DC		1800V DC	
	Mounting Type		Bottom	Side	Bottom	Side	Bottom		Bottom		Bottom		Bottom		Bottom		Bottom	
	Auxiliary Circuit		N	N	N	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
	Terminals		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
	Part Number Suffix		-B	-BS	-C	-CS	-BA	-B	-CA	-C	-BA	-B	-CA	-C	-BA	-B	-CA	-C

P = Polarized NP = Non-Polarized