

## DC Contactors for eMobility & Industrial Applications

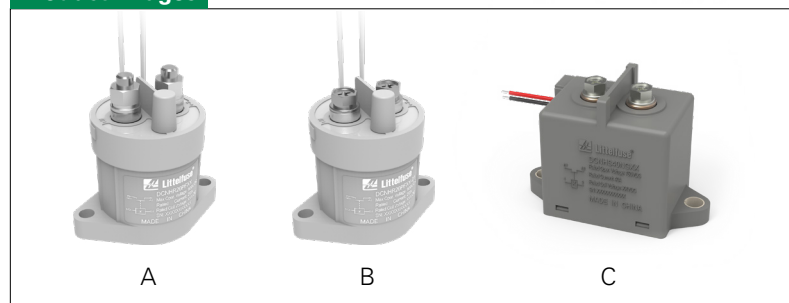
Today's demanding commercial electric vehicles need robust power control and management.

Developed specifically for eMobility and industrial applications, our DC contactor relays are available with continuous current ratings up to 500A and maximum voltage ratings up to 1800V DC. Browse our expanding line of DC contactors and partner with Littelfuse on your next design.

Application Key	⚙️ Transportation including: truck, bus, material handling, construction and agriculture	⚡ Stationary including: telecom power supplies, UPS, industrial and alternative energy
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Current (A)	Max Voltage (V)	Coil Voltage (V)	Mounting Type	Aux Contacts	Polarized	Applications	Part Number	Product Image
20	900	12	Bottom	No	Yes	⚙️ ⚡	DCNHR20PF12	A
						⚙️ ⚡	DCNHR20PF12-01	B
		24				⚙️ ⚡	DCNHR20PF24	A
						⚙️ ⚡	DCNHR20PF24-01	B
		48				⚙️ ⚡	DCNHR20PF48	A
						⚙️ ⚡	DCNHR20PF48-01	B
30	900	12	Bottom	No	Yes	⚙️ ⚡	DCNHR30PF12	A
						⚙️ ⚡	DCNHR30PF12-01	B
		24				⚙️ ⚡	DCNHR30PF24	A
						⚙️ ⚡	DCNHR30PF24-01	B
		48				⚙️ ⚡	DCNHR30PF48	A
						⚙️ ⚡	DCNHR30PF48-01	B
40	900	12	Bottom	No	Yes	⚙️ ⚡	DCNHR40PF12	A
						⚙️ ⚡	DCNHR40PF12-01	B
		24				⚙️ ⚡	DCNHR40PF24	A
						⚙️ ⚡	DCNHR40PF24-01	B
		48				⚙️ ⚡	DCNHR40PF48	A
						⚙️ ⚡	DCNHR40PF48-01	B
	1000	12	Bottom	No	No	⚙️ ⚡	DCNHS40NG12	C
		24				⚙️ ⚡	DCNHS40NG24	
		48				⚙️ ⚡	DCNHS40NG48	

### Product Images



## Application Key



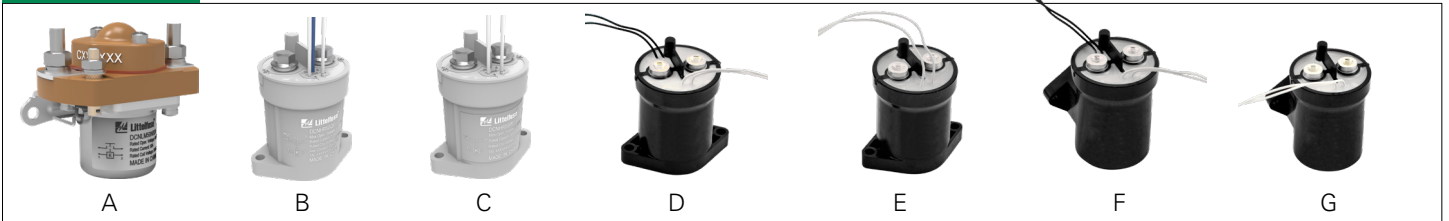
Transportation including; truck, bus, material handling, construction and agriculture



Stationary including; telecom power supplies, UPS, industrial and alternative energy

Current (A)	Max Voltage (V)	Coil Voltage (V)	Mounting Type	Aux Contacts	Polarized	Applications	Part Number	Product Image
50	60	12	Side	No	No	⚡	DCNLM50NB12	A
		24				⚡	DCNLM50NB24	
		48				⚡	DCNLM50NB48	
		60				⚡	DCNLM50NB60	
	900	12	Bottom	Yes	Yes	⚡	DCNHR50QF12	B
					No	⚡	DCNLEV50-BAN	D
				No	Yes	⚡	DCNHR50PF12	C
					No	⚡	DCNLEV50-BN	E
			Side	Yes	Yes	⚡	DCNLEV50-BAS	F
					No	⚡	DCNLEV50-BASN	
				No	Yes	⚡	DCNLEV50-BS	G
					No	⚡	DCNLEV50-BSN	
		24	Bottom	Yes	Yes	⚡	DCNHR50QF24	B
					No	⚡	DCNLEV50-CAN	D
				No	Yes	⚡	DCNHR50PF24	C
					No	⚡	DCNLEV50-CN	E
			Side	Yes	Yes	⚡	DCNLEV50-CAS	F
					No	⚡	DCNLEV50-CASN	
				No	Yes	⚡	DCNLEV50-CS	G
					No	⚡	DCNLEV50-CSN	
		48	Bottom	Yes	Yes	⚡	DCNHR50QF48	B
					No	⚡	DCNLEV50-EAN	D
				No	Yes	⚡	DCNHR50PF48	C
					No	⚡	DCNLEV50-EN	E
			Side	Yes	Yes	⚡	DCNLEV50-EAS	F
					No	⚡	DCNLEV50-EASN	
				No	Yes	⚡	DCNLEV50-ES	G
					No	⚡	DCNLEV50-ESN	

## Product Images



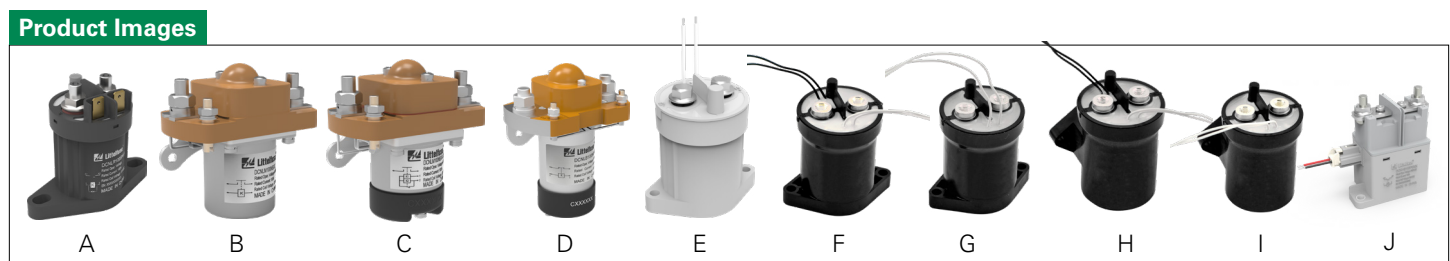
**Application Key**


Transportation including; truck, bus, material handling, construction and agriculture



Stationary including; telecom power supplies, UPS, industrial and alternative energy

Current (A)	Max Voltage (V)	Coil Voltage (V)	Mounting Type	Aux Contacts	Polarized	Applications	Part Number	Product Image
100	60	12	Bottom	No	No		DCNLR100NB12	A
			Side				DCNLM100NB12	B
		24	Bottom				DCNLM100NB12-01	C
			Side				DCNLR100NB24	A
			Bottom				DCNLM100NB24	B
			Side				DCNLM100NB24-01	C
		48	Bottom				DCNLR100NB48	A
			Side				DCNLM100NB48	B
			Bottom				DCNLM100NB48-01	C
			Side				DCNLB100NB48	D
	900	12	Bottom	Yes	Yes		DCNHR100QF12	E
					No		DCNLEV100-BAN	F
				No	Yes		DCNHR100PF12	E
					No		DCNLEV100-BN	G
			Side	Yes	Yes		DCNLEV100-BAS	H
					No		DCNLEV100-BASN	
				No	Yes		DCNLEV100-BS	I
					No		DCNLEV100-BSN	
		24	Bottom	Yes	Yes		DCNHR100QF24	E
					No		DCNLEV100-CAN	F
				No	Yes		DCNHR100PF24	E
					No		DCNLEV100-CN	G
			Side	Yes	Yes		DCNLEV100-CAS	H
					No		DCNLEV100-CASN	
				No	Yes		DCNLEV100-CS	I
					No		DCNLEV100-CSN	
		48	Bottom	Yes	Yes		DCNHR100QF48	E
					No		DCNLEV100-EAN	F
				No	Yes		DCNHR100PF48	E
					No		DCNLEV100-EN	G
			Side	Yes	Yes		DCNLEV100-EAS	H
					No		DCNLEV100-EASN	
				No	Yes		DCNLEV100-ES	I
					No		DCNLEV100-ESN	
	1000	12	Bottom	No	Yes		DCNHS100PG12	J
		24					DCNHS100PG24	
		48					DCNHS100PG48	

**Product Images**


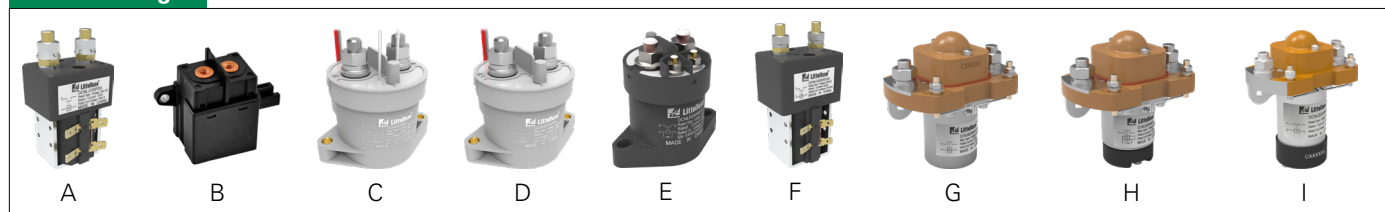
**Application Key**


Transportation including; truck, bus, material handling, construction and agriculture



Stationary including; telecom power supplies, UPS, industrial and alternative energy

Current (A)	Max Voltage (V)	Coil Voltage (V)	Mounting Type	Aux Contacts	Polarized	Applications	Part Number	Product Image
125	60	12	Side	No	No		DCNLJ125NB12	A
		24					DCNLJ125NB24	
		60					DCNLJ125NB60	
	110	12	Side	No	Yes		DCNLH125NB60	
		24					DCNLJ125PD12	
		24					DCNLJ125PD24	
		60					DCNLJ125PD60	
150	750	12	Side	No	Yes		DCNEVT150-BS	B
		24	Side				DCNEVT150-CS	
	900	12 ~ 24	Bottom	Yes	Yes		DCNHR150QFA	C
				No	Yes		DCNHR150PFA	D
200	60	12	Bottom	No	No		DCNLR200NB12	E
			Side				DCNLH200NB12	F
		24	Bottom				DCNLM200NB12	G
			Side				DCNLM200NB12-01	H
			Top				DCNLR200NB24	E
			Bottom				DCNLB200NB24	I
			Side				DCNLH200NB24	F
			Side				DCNLJ200NB24	G
			Side				DCNLM200NB24	H
			Side				DCNLM200NB24-01	I
			Side				DCNLM200NB24-02	F
		48	Bottom				DCNLR200NB48	E
			Side				DCNLB200NB48	I
			Side				DCNLB200NB48-01	F
			Side				DCNLH200NB48	G
		60	Bottom				DCNLJ200NB48	H
			Side				DCNLM200NB48-01	I
	110	12	Side	No	Yes		DCNLR200NB60	E
		24					DCNLB200NB60	I
		24					DCNLJ200NB60	F
		60					DCNLH200PD12	G
	900	12 ~ 24	Bottom	Yes	Yes		DCNLH200PD24	H
							DCNLJ200PD24	I
							DCNLH200PD48	F
							DCNHR200QFA	C
							DCNHR200PFA	D

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**Application Key**


Transportation including; truck, bus, material handling, construction and agriculture



Stationary including; telecom power supplies, UPS, industrial and alternative energy

Current (A)	Max Voltage (V)	Coil Voltage (V)	Mounting Type	Aux Contacts	Polarized	Applications	Part Number	Product Image
250	60	12	Side	No	No	⊗ ⚡	DCNLJ250NB12-01	A
	110	12	Side	No	Yes	⊗ ⚡	DCNLJ250PD12	B
	900	12 ~ 24	Bottom	Yes	Yes	⊗ ⚡	DCNHR250QFA	C
				No	Yes	⊗ ⚡	DCNHR250PFA	D
		48 ~ 72		Yes	Yes	⊗ ⚡	DCNEV250-GA	C
				No	Yes	⊗ ⚡	DCNEV250-G	F
		72		Yes	Yes	⊗ ⚡	DCNEV250-GB	
				Yes	Yes	⊗ ⚡	DCNEV250-FA	E
				No	Yes	⊗ ⚡	DCNEV250-F	F
					No	Yes	⊗ ⚡	
300	900	12 ~ 24	Bottom	Yes	Yes	⊗ ⚡	DCNHR300QFA	G
				No	Yes	⊗ ⚡	DCNHR300PFA	
350	1800	12	Bottom	Yes	Yes	⊗ ⚡	DCNEVT350-BA	H
				No		⊗ ⚡	DCNEVT350-B	I
		24		Yes		⊗ ⚡	DCNEVT350-CA	H
				No		⊗ ⚡	DCNEVT350-C	I
400	60	12	Side	No	No	⚡	DCNLM400NB12	J
		24				⚡	DCNLB400NB24	K
						⚡	DCNLM400NB24	J
		48				⚡	DCNLM400NB24-01	L
						⚡	DCNLB400NB48	K
						⚡	DCNLM400NB48	M
	⚡		DCNLM400NB48-01	L				
	1800	12	Bottom	No	Yes	⊗ ⚡	DCNEVT400-B	N
		Yes		⊗ ⚡		DCNEVT400-BA		
		24		No		⊗ ⚡	DCNEVT400-C	O
				Yes		⊗ ⚡	DCNEVT400-CA	
	500	1800	12	Bottom	No	Yes	⊗ ⚡	DCNEVT500-B
Yes					⊗ ⚡		DCNEVT500-BA	
24			No		⊗ ⚡		DCNEVT500-C	
			Yes		⊗ ⚡		DCNEVT500-CA	

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