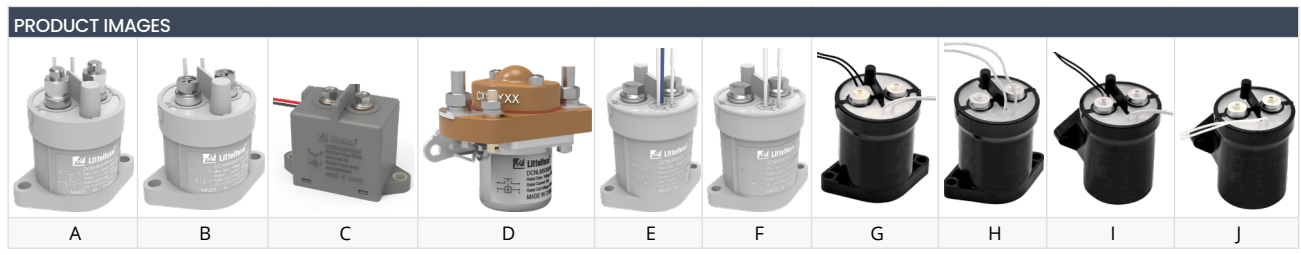


DC Contactor Selection Guide · 20A-50A

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 includes; truck, bus, material handling, construction and agriculture	Stationary including; telecom power supplies, UPS, industrial and alternative energy
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CURRENT (A)	MAX VOLTS (V)	COIL VOLTS (V)	MOUNTING TYPE	AUX CONTACTS	POLARIZED	APPLICATIONS	PART NUMBER	PRODUCT IMAGE					
20	900	12	Bottom	No	Yes		DCNHR20PF12	A					
		24					DCNHR20PF12-01	B					
		48					DCNHR20PF24	A					
							DCNHR20PF24-01	B					
							DCNHR20PF48	A					
							DCNHR20PF48-01	B					
30	900	12	Bottom	No	Yes		DCNHR30PF12	A					
		24					DCNHR30PF12-01	B					
		48					DCNHR30PF24	A					
							DCNHR30PF24-01	B					
							DCNHR30PF48	A					
							DCNHR30PF48-01	B					
40	900	12	Bottom	No	Yes		DCNHR40PF12	A					
		24					DCNHR40PF12-01	B					
		48					DCNHR40PF24	A					
	1000	Bottom	No	Yes		DCNHR40PF24-01	B						
						48	DCNHR40PF48	A					
							DCNHR40PF48-01	B					
50	60	12	Side	No	No		DCNLS50NB12	D					
		24					DCNLS50NB24	D					
		48					DCNLS50NB48	D					
		60					DCNLS50NB60	D					
		12					Bottom	Yes	Yes	Yes		DCNHR50QF12	E
												No	DCNLEV50-BAN
	No		DCNHR50PF12	F									
	Yes		DCNLEV50-BN	H									
	Yes		DCNLEV50-BAS	I									
	No		DCNLEV50-BASN	I									
	24	Side	Yes	No	Yes		DCNLEV50-BS	J					
							No	DCNLEV50-BSN	J				
							Yes	DCNHR50QF24	E				
							No	DCNLEV50-CAN	G				
							Yes	DCNHR50PF24	F				
							No	DCNLEV50-CN	H				
	48	Bottom	Yes	Yes	Yes		DCNLEV50-CAS	I					
							No	DCNLEV50-CASN	I				
Yes							DCNLEV50-CS	J					
No							DCNLEV50-CSN	J					
Yes							DCNHR50QF48	E					
No							DCNLEV50-EAN	G					
48	Side	Yes	Yes	Yes		DCNHR50PF48	F						
						No	DCNLEV50-EN	H					
						Yes	DCNLEV50-EAS	I					
						No	DCNLEV50-EASN	I					
						Yes	DCNLEV50-ES	J					
						No	DCNLEV50-ESN	J					



DC Contactor Selection Guide · 100A-125A

Application Key



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



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

CURRENT (A)	MAX VOLTS (V)	COIL VOLTS (V)	MOUNTING TYPE	AUX CONTACTS	POLARIZED	APPLICATIONS	PART NUMBER	PRODUCT IMAGE				
100	60	12	Bottom	No	No	⚡	DCNLR100NB12	A				
			Side				DCNLM100NB12	B				
		24	Bottom				DCNLR100NB24	A				
			Side				DCNLM100NB24	B				
		48	24				Bottom	DCNLM100NB24-01	C			
							Side	DCNLM100NB24-01	C			
			48				Bottom	DCNLR100NB48	A			
							Side	DCNLM100NB48	B			
		900	12				Bottom	Yes	Yes	⚡	DCNHR100QF12	E
								No	No		DCNLEV100-BAN	F
								No	Yes		DCNHR100PF12	E
								Yes	No		DCNLEV100-BN	G
	Yes			Yes	DCNLEV100-BAS	H						
	No			No	DCNLEV100-BASN	H						
	Side			Yes	Yes	DCNLEV100-BS	I					
				No	No	DCNLEV100-BSN	I					
				24	Bottom	Yes	Yes	DCNHR100QF24	E			
						No	No	DCNLEV100-CAN	F			
						No	Yes	DCNHR100PF24	E			
					Side	Yes	No	DCNLEV100-CN	G			
	Yes		Yes			DCNLEV100-CAS	H					
	No		No			DCNLEV100-CASN	H					
	48		Bottom	Yes	Yes	DCNHR100QF48	E					
				No	No	DCNLEV100-EAN	F					
				No	Yes	DCNHR100PF48	E					
				Yes	No	DCNLEV100-EN	G					
				Yes	Yes	DCNLEV100-EAS	H					
				No	No	DCNLEV100-EASN	H					
			Side	Yes	Yes	DCNLEV100-ES	I					
				No	No	DCNLEV100-ESN	I					
				1000	12	Bottom	Yes	Yes	DCNHS100PG12	J		
							No	No	DCNHS100PG24	J		
		No					Yes	DCNHS100PG48	J			
		24			Side		Yes	No	DCNLJ125NB12	K		
	No		No				DCNLJ125NB24	K				
	Yes		No				DCNLJ125NB60	K				
60	Side	Yes	No	DCNLH125NB60	K							
		No	Yes	DCNLJ125PD12	K							
		Yes	Yes	DCNLJ125PD24	K							
110	Side	Yes	Yes	DCNLJ125PD60	K							
		No	No	DCNLJ125PD24	K							
		No	No	DCNLJ125PD60	K							

PRODUCT IMAGES



DC Contactor Selection Guide · 150A-200A

Application Key



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



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

CURRENT (A)	MAX VOLTS (V)	COIL VOLTS (V)	MOUNTING TYPE	AUX CONTACTS	POLARIZED	APPLICATIONS	PART NUMBER	PRODUCT IMAGE
150	750	12	Side	No	Yes	⚡	DCNEVT150-BS	A
		24					DCNEVT150-CS	A
		12	Bottom	No	Yes	⚡	DCNEVT150-B	B
		24					DCNEVT150-C	B
	900	12 ~ 24	Bottom	Yes	Yes	⚡	DCNHR150QFA	C
				No	Yes		DCNHR150PFA	D
200	60	12	Bottom	No	No	⚡	DCNLR200NB12	E
			Side				DCNLH200NB12	F
			Bottom				DCNLM200NB12	G
							DCNLM200NB12-01	H
		24	Bottom	No	No	⚡	DCNLR200NB24	E
							DCNLB200NB24	I
							DCNLH200NB24	F
							DCNLJ200NB24	F
			Side	No	No	⚡	DCNLM200NB24	G
							DCNLM200NB24-01	H
							DCNLM200NB24-02	H
							DCNLR200NB48	E
	48	Bottom	No	No	⚡	DCNLB200NB48	I	
						DCNLB200NB48-01	I	
						DCNLH200NB48	F	
						DCNLJ200NB48	F	
		Side	No	No	⚡	DCNLM200NB48	G	
						DCNLM200NB48-01	H	
						DCNLR200NB60	E	
						DCNLB200NB60	I	
	110	12	Side	No	Yes	⚡	DCNLH200PD12	F
							DCNLH200PD24	F
							DCNLJ200PD24	F
		24	Side	No	No	Yes	⚡	DCNLH200PD48
DCNHR200QFA								C
DCNHR200PFA								D
900	12 ~ 24	Bottom	Yes	Yes	⚡	DCNHR200QFA	C	
			No	Yes		DCNHR200PFA	D	

PRODUCT IMAGES



Application Note: Contactors for High Voltage Vehicles



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White Paper: DC Contactor Relays



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DC Contactor Selection Guide · 250A-500A

Application Key



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



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

CURRENT (A)	MAX VOLTS (V)	COIL VOLTS (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	Bottom	Yes	Yes		DCNEV250-GA	C	
				No	Yes		DCNEV250-G	F	
		72	Bottom	Yes Normally Closed	Yes		DCNEV250-GB	F	
				Yes	Yes		DCNEV250-FA	E	
	No	Yes	DCNEV250-F	F					
	Yes Normally Closed	Yes	DCNEV250-FB	F					
300	900	12 ~ 24	Bottom	Yes	Yes	⊗ ⚡	DCNHR300QFA	G	
No	Yes	⊗ ⚡	DCNHR300PFA	G					
350	1800	12	Bottom	Yes	Yes	⊗ ⚡	DCNEVT350-BA	H	
				No	No		DCNEVT350-B	I	
		24		Yes	Yes		DCNEVT350-CA	H	
				No	No		DCNEVT350-C	I	
400	60	12	Side	No	No	⚡	DCNLM400NB12	J	
		24					DCNLB400NB24	K	
		48					DCNLM400NB24	J	
							DCNLM400NB24-01	L	
	1800	12	Bottom	No	Yes	⊗ ⚡	DCNEVT400-B	N	
				Yes			DCNEVT400-BA	N	
	24	No	DCNEVT400-C	O					
		Yes	DCNEVT400-CA	O					
	500	1800	12	Bottom	No	Yes	⊗ ⚡	DCNEVT500-B	P
					Yes			DCNEVT500-BA	P
24			No		DCNEVT500-C			P	
			Yes		DCNEVT500-CA			P	

PRODUCT IMAGES

