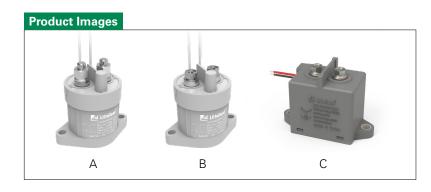


# **DC Contactors for eMobility & Industrial Applications**

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.

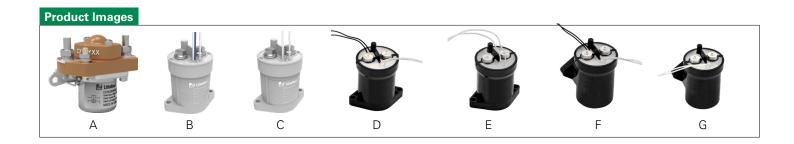
Current (A)	Max Voltage (V)	Coil Voltage (V)	Mounting Type	Aux Contacts	Polarized	Applications	Part Number	Product Image
		ĺ				© 4	DCNHR20PF12	A
		12				® 4	DCNHR20PF12-01	В
20	000	24	Dottom	No	Vaa	<b>◎</b> <i>4</i>	DCNHR20PF24	Α
20	900	24	Bottom	INO	Yes	<b>◎</b> <i>4</i>	DCNHR20PF24-01	В
		48				® 4	DCNHR20PF48	A
		40				® <b>f</b>	DCNHR20PF48-01	В
						<b>8 4</b>	DCNHR30PF12	Α
		12	Bottom	No		© <i>f</i>	DCNHR30PF12-01	B
	900					© <i>1</i>	DCNHR30PF24	A
30		) 24			Yes	<b>8</b> <i>4</i>	DCNHR30PF24-01	В
		10				® 4	DCNHR30PF48	A
		48				© 4	DCNHR30PF48-01	В
		10				® <b>f</b>	DCNHR40PF12	A
		12		No	Yes	<b>8 7</b>	DCNHR40PF12-01	В
	000	0.4				<b>8 7</b>	DCNHR40PF24	A
	900	24	Bottom			<b>8</b> <i>4</i>	DCNHR40PF24-01	В
40		40	]			© 4	DCNHR40PF48	Α
		48				® f	DCNHR40PF48-01	В
		12				® f	DCNHS40NG12	
	1000	24	Bottom	No	No	© f	DCNHS40NG24	С
	1000	48				© 4	DCNHS40NG48	





Selector guide of our product offering

Current (A)	Max Voltage (V)	Coil Voltage (V)	Mounting Type	Aux Contacts	Polarized	Applications	Part Number	Produc Image	
		12			No	<del>,</del>	DCNLM50NB12	_	
	60	24	Side	No		4	DCNLM50NB24		
	00	48	Side	INO		4	DCNLM50NB48	A	
		60			4	DCNLM50NB60			
				Yes	Yes	® f	DCNHR50QF12	В	
			Detterre		No	® 4	DCNLEV50-BAN	D	
			Bottom	No	Yes	₿ <b>f</b>	DCNHR50PF12	С	
		12			No	® f	DCNLEV50-BN	E	
		12	Side	Yes No	Yes	® f	DCNLEV50-BAS	— F	
					No	<b>◎</b> <i>4</i>	DCNLEV50-BASN		
					Yes	® f	DCNLEV50-BS	G	
					No	® f	DCNLEV50-BSN		
			Bottom	Yes	Yes	® f	DCNHR50QF24	В	
50					No	® f	DCNLEV50-CAN	D	
50				No	Yes	® f	DCNHR50PF24	C	
	000	24			No	® f	DCNLEV50-CN	E	
	900		Side	Yes	Yes	<b>◎</b> <i>4</i>	DCNLEV50-CAS	F	
					No	® f	DCNLEV50-CASN		
				No	Yes	® f	DCNLEV50-CS	G	
					No	® 4	DCNLEV50-CSN		
				N/a a	Yes	® f	DCNHR50QF48	В	
			Bottom	Yes	No	® f	DCNLEV50-EAN	D	
			DOLLOTT	No	Yes	® f	DCNHR50PF48	С	
		10			No	<b>◎</b> <i>4</i>	DCNLEV50-EN	E	
		48		Yes	Yes	® f	DCNLEV50-EAS	F	
			Ciala	165	No	® f	DCNLEV50-EASN		
			Side	Nie	Yes	® f	DCNLEV50-ES		
				No	No	<b>Ø f</b>	DCNLEV50-ESN	G	





Selector guide of our product offering

Current (A)	Max Voltage (V)	Coil Voltage (V)	Mounting Type	Aux Contacts	Polarized	Applications	Part Number	Produc Image
			Bottom			® f	DCNLR100NB12	A
		12	Cida	-		4	DCNLM100NB12	В
			Side			4	DCNLM100NB12-01	С
			Bottom			® f	DCNLR100NB24	A
		24	Side	]		4	DCNLM100NB24	В
	60			No	No	4	DCNLM100NB24-01	С
			Bottom	-		<b>8 7</b>	DCNLR100NB48	A
						4	DCNLM100NB48	В
		48	Side			<del>,</del>	DCNLM100NB48-01	С
						, , ,	DCNLB100NB48	D
					Yes	® 4	DCNHR100QF12	E
			Bottom	Yes	No	<u> </u>	DCNLEV100-BAN	F
				No	Yes	<u> </u>	DCNHR100PF12	E
					No	® <i>f</i>	DCNLEV100-BN	G
		12	Side	Yes	Yes	<u> </u>	DCNLEV100-BAS	
					No	® #	DCNLEV100-BASN	H
				No	Yes	® <b>f</b>	DCNLEV100-BS	
					No	® f	DCNLEV100-BSN	
100			Bottom	Yes	Yes	® f	DCNHR100QF24	E
					No	® f	DCNLEV100-CAN	F
				No	Yes	® f	DCNHR100PF24	E
	900	24			No	® f	DCNLEV100-CN	G
	900	24	Side	Yes	Yes	<b>8 f</b>	DCNLEV100-CAS	- H
					No	® f	DCNLEV100-CASN	
				No	Yes	® f	DCNLEV100-CS	
					No	® <b>f</b>	DCNLEV100-CSN	
				Yes	Yes	® <b>f</b>	DCNHR100QF48	E
			Bottom		No	® <i>1</i>	DCNLEV100-EAN	F
				No	Yes	® <i>f</i>	DCNHR100PF48	E
		48			No	® <i>f</i>	DCNLEV100-EN	G
				Yes	Yes	® <i>1</i>	DCNLEV100-EAS	H
			Side		No	<u>® 7</u>	DCNLEV100-EASN	
				No	Yes	© 4	DCNLEV100-ES	1
		10			No	<u> </u>	DCNLEV100-ESN	
	1000	12	Dottom	No	Vaa		DCNHS100PG12	-
	1000	24	Bottom	No	Yes	<u> </u>	DCNHS100PG24	J
		48				® f	DCNHS100PG48	



Download Datasheets, 2D prints and 3D Models at: Littelfuse.com/DCN



Selector guide of our product offering

Application Key	Transportati	on including; truck, bus,	material handling, con	struction and agricu	Iture 🧚 Station	ary including; telecom pow	ver supplies, UPS, industrial and alter	native energy		
Current (A)	Max Voltage (V)	Coil Voltage (V)	Mounting Type	Aux Contacts	Polarized	Applications	Part Number	Product Image		
		12	Cida			<b>8</b> <i>4</i>	DCNLJ125NB12			
	00	24		NIa	Nia	® 4	DCNLJ125NB24			
	Voltage (V)         60         110         750         900         60	00	Side	No	No	<b>Ø f</b>	DCNLJ125NB60			
125		60				® 4	Image: Constraint of the state of	А		
		12				<b>Ø f</b>	DCNLJ125PD12			
	110	24	Side	No	Yes		DCNLJ125PD24			
		60				® f	DCNLJ125PD60			
	1	10	C'ala		1	<b>A</b> 1		1		
	750	12	Side	No	Yes			В		
		24	Side	_						
150				Yes			DCNLJ125NB12           DCNLJ125NB24           DCNLJ125NB60           DCNLJ125NB60           DCNLJ125PD12           DCNLJ125PD12           DCNLJ125PD24           DCNLJ125PD60           DCNEVT150-BS           DCNEVT150-CS           DCNHR1500FA           DCNHR1500FA           DCNHR150NFA           DCNLH200NB12           DCNLM200NB12           DCNLM200NB12           DCNLM200NB12           DCNLM200NB12           DCNLM200NB12           DCNLM200NB12           DCNLM200NB12           DCNLM200NB24           DCNLB200NB24           DCNLM200NB24           DCNLM200NB24           DCNLM200NB24-01           DCNLM200NB24-02           DCNLR200NB48           DCNLB200NB48           DCNLB200NB48           DCNLB200NB48           DCNLM200NB48           DCNLM200NB4	С		
	900	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	-							
				No				D		
				_	No	<b>89</b> <del>7</del>	DCNHR150NFA			
			Bottom			® 4	DCNLR200NB12	E		
				Side Bottom				F		
		12						G		
			0100					H		
			Bottom					E		
		24								
								– F		
			0100					G		
		24								ĺ
	60		Тор	No	No			H		
			Bottom	I				E		
				-		4				
		24						- 1		
200		48	0.1					_		
		_	Side			® f		F		
								G		
								Н		
			Bottom	1		® 4		E		
		60		1		4		F		
			Side							
		12				4				
	110	0.4	Ciala	N1-	Vee	4				
	110	24	Side	No	Yes	® f				
		60				4				
				Vaa	Yes	<b>8</b> <i>4</i>	DCNHR200QFA	C		
	000	10 04	Dettere	Yes	No	<b>8</b> <i>4</i>	DCNHR200MFA	C		
	900	12 ~ 24	Bottom	Nie	Yes	® 4	DCNHR200PFA			
				No	No	<b>8</b> <i>4</i>	DCNHR200NFA	D		







Applicatio

**HIGH VOLTAGE DC CONTACTOR** 

Selector guide of our product offering

ion Key	8	Transportation including; truck, bus, material handling, construction and agriculture	f	Stationary includi

e 🗧 🕈 Stationary including; telecom p	ower 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	
	60	12	Side	No	No	® f	DCNLJ250NB12-01	А	
	110	12	Side	No	Yes	® f	DCNLJ250PD12	В	
	12 ~ 24			No.a	Yes	® f	DCNHR250QFA	С	
		10 04		Yes	No	® f	DCNEV250-MAN	F	
		12 ~ 24		Nie	Yes	® f	DCNHR250PFA	D	
				No	No	® f	DCNEV250-MN	Н	
			Yes	Yes	® f	DCNEV250-GA	С		
250				No	® f	DCNEV250-GAN	F		
250	000	900 48 ~ 72	Dettere	No Yes -		® f	DCNEV250-G	G	
	900		Bottom		Yes	® f	DCNEV250-GB	G	
					No	® f	DCNEV250-GN	Н	
					Yes	® f	DCNEV250-FA	E	
					No	® f	DCNEV250-FAN	F	
				No	N/s s	® f	DCNEV250-F	0	
					Yes	® f	DCNEV250-FB	G	
					No	® f	DCNEV250-FN	Н	
					Yes	® <i>4</i>	DCNHR300QFA		
		10 01		Yes	No	® 4	DCNHR300MFA	1	
300	900	12 ~ 24	Bottom	N.L.	Yes	® f	DCNHR300PFA	1 1	
				No	No	® f	DCNHR300NFA		
		10		Yes		® <i>4</i>	DCNEVT350-BA	J	
050	1000	12	<b>D</b>	No		® f	DCNEVT350-B	K	
350	1800	0.4	Bottom	Yes	Yes	® <i>4</i>	DCNEVT350-CA	J	
		24		No		® f	DCNEVT350-C	К	





Selector guide of our product offering

Current (A)	Max Voltage (V)	Coil Voltage (V)	Mounting Type	Aux Contacts	Polarized	Applications	Part Number	Produc Image	
		12				<del>,</del>	DCNLM400NB12	A	
			-		No	<del>,</del>	DCNLB400NB24	В	
		24	Side			4	DCNLM400NB24	А	
60	60			No		4	DCNLM400NB24-01	С	
		48				<del>4</del>	DCNLB400NB48	В	
400						4	DCNLM400NB48	D	
						4	DCNLM400NB48-01	С	
		1800 12 24	- Bottom	No		® f	DCNEVT400-B	-	
	1900			Yes	Yes	® 4	DCNEVT400-BA	E	
	1800			No		® f	DCNEVT400-C	Г	
				Yes		® f	DCNEVT400-CA	F	
		12		No		® <i>f</i>	DCNEVT500-B		
500	1000			Yes		® f	DCNEVT500-BA		
500	1800	24	Bottom	No	Yes	® f	DCNEVT500-C	G	
		24		Yes	1	® f	DCNEVT500-CA	1	

#### **Product Images**

