

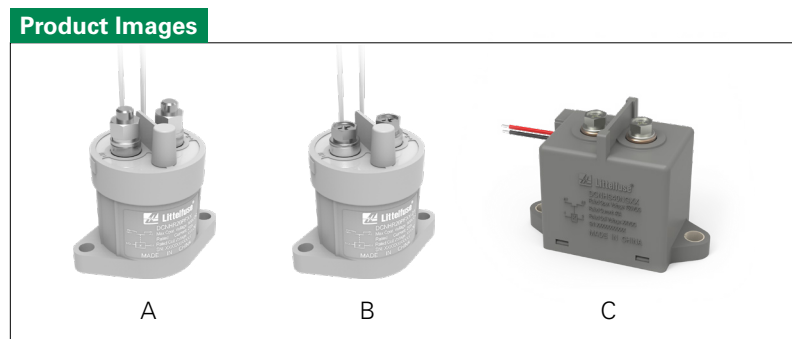
## DC Contactors for eMobility & Industrial Applications

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 |
|-----------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
|-----------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|

| 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    |               |



## Application Key



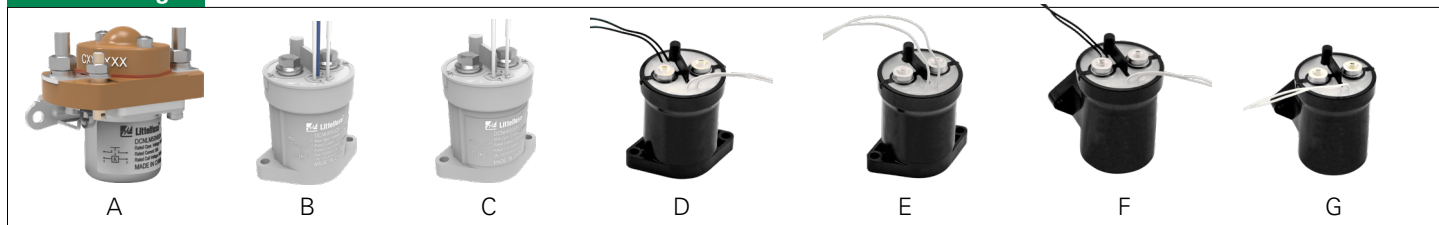
Transportation including; truck, bus, material handling, construction and agriculture



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



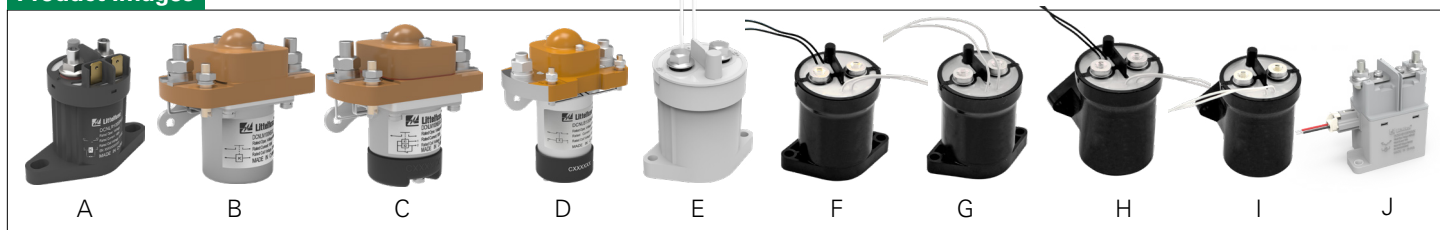
**Application Key**


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             |
|             |                 |                  | Side          |              |           |                                                                                          | DCNLM100NB24    | B             |
|             |                 |                  | Bottom        |              |           |                                                                                          | DCNLM100NB24-01 | C             |
|             |                 | 48               | Bottom        |              |           |       | DCNLR100NB48    | A             |
|             |                 |                  | Side          |              |           |                                                                                          | DCNLM100NB48    | B             |
|             |                 |                  | Side          |              |           |                                                                                          | DCNLM100NB48-01 | C             |
|             |                 |                  | Side          |              |           |                                                                                          | DCNLB100NB48    | D             |
|             |                 | 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   |               |
|             | 900             | 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**


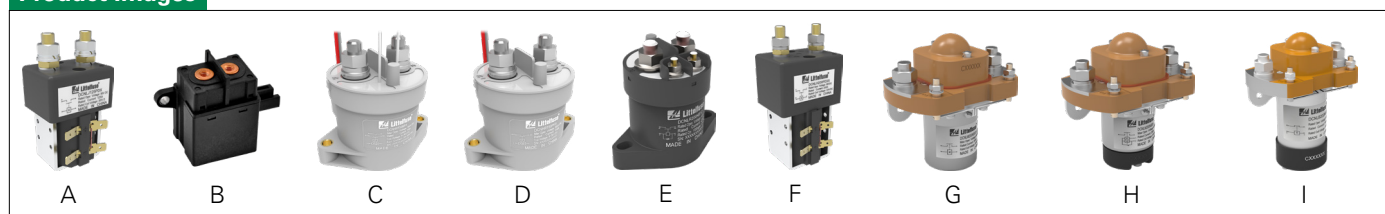
**Application Key**


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             |
|             |                 | 48               | Side          |              |           |              | DCNLJ200NB24    | G             |
|             |                 |                  | Top           |              |           |              | DCNLM200NB24    | H             |
|             |                 |                  | Bottom        |              |           |              | DCNLM200NB24-01 | I             |
|             |                 |                  | Side          |              |           |              | DCNLM200NB24-02 | F             |
|             |                 | 60               | Bottom        |              |           |              | DCNLR200NB48    | E             |
|             |                 |                  | Side          |              |           |              | DCNLB200NB48    | I             |
|             |                 |                  | Side          |              |           |              | DCNLB200NB48-01 | F             |
|             |                 |                  | Side          |              |           |              | DCNLH200NB48    | G             |
|             | 110             | 12               | Bottom        |              |           |              | DCNLJ200NB48    | H             |
|             |                 | 24               | Side          |              |           |              | DCNLM200NB48    | I             |
|             |                 | 24               | Side          |              |           |              | DCNLM200NB48-01 | F             |
|             |                 | 60               | Side          |              |           |              | DCNLM200NB48    | G             |
|             | 900             | 12 ~ 24          | Bottom        | Yes          | Yes       |              | DCNLR200NB60    | E             |
|             |                 |                  |               | No           | Yes       |              | DCNLB200NB60    | I             |
|             |                 |                  |               | Yes          | Yes       |              | DCNLJ200NB60    | F             |
|             |                 |                  |               | No           | Yes       |              | DCNLH200PD12    | F             |
|             | 900             | 12 ~ 24          | Bottom        | Yes          | Yes       |              | DCNLH200PD24    | F             |
|             |                 |                  |               | No           | Yes       |              | DCNLJ200PD24    | F             |
|             |                 |                  |               | Yes          | Yes       |              | DCNLH200PD48    | F             |
|             |                 |                  |               | No           | Yes       |              | DCNHR200QFA     | C             |
|             | 900             | 12 ~ 24          | Bottom        | Yes          | Yes       |              | DCNHR200PFA     | D             |
|             |                 |                  |               | No           | Yes       |              | DCNHR200PFA     | D             |
|             |                 |                  |               | Yes          | Yes       |              | DCNHR200QFA     | C             |
|             |                 |                  |               | No           | Yes       |              | DCNHR200PFA     | D             |

**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 |
|-------------|-----------------|------------------|---------------|--------------|--------------|--------------|-----------------|---------------|
| 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             |
|             |                 |                  |               |              |              | ⊗ ⚡          | DCNEV250-GB     |               |
|             |                 |                  |               | Yes          | Yes          | ⊗ ⚡          | DCNEV250-FA     | E             |
|             |                 | No               |               |              |              | Yes          | ⊗ ⚡             | DCNEV250-F    |
|             |                 | ⊗ ⚡              |               | DCNEV250-FB  |              |              |                 |               |
| 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-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    |               |

**Product Images**
