

## UL508, CSA C22.2 No14への適合について According to UL508 standard and CSA C22.2 No.14 standard

Note>Models F01P\*\*\*S05, F02P\*\*\*S05 and F03P\*\*\*S05 may be followed by slash and any numbers from 01 through 99 or blank.

**Power Circuit and Motor-mounted Apparatus - Component  
UL FILE No.E243511**

| Series | Model  | Requirements Evaluated to (US and/or CN) |
|--------|--|--|
| F01P   | F01P *** S05   | USR                                      |
| F02P   | F02P *** S05   | USR                                      |
| F03P   | F03P *** S05   | USR                                      |
| L07P   | L07P *** D15<br>L07P *** S05   | USR, CNR                                 |
| L18P   | L18P***D15<br>L18P***D15C<br>L18P***D15-OP<br>L18P***S05<br>L18P***S05R<br>L18P***S12<br>SL18P***D15 | USR, CNR                                 |
| L31S   | L31S***S05S  | USR, CNR                                 |
| L34S   | L34S***D15   | USR, CNR                                 |
| S21S   | S21S180D15JN   | USR, CNR                                 |
| S22P   | S22P***S05<br>S22P***S05M2   | USR, CNR                                 |
| S23P   | S23P50/100D15<br>S23P50/100D15M1<br>S23P50/100D15M2  | USR, CNR                                 |
| S25P   | S25P***D15*  | USR, CNR                                 |
| S26P   | S26P200D15Y  | USR, CNR                                 |
| S27S   | S27S300D15Y<br>S27S300D15YM  | USR, CNR                                 |
| S28S   | S28S500D24Z<br>S28S500D24ZM  | USR                                      |

Note: US indicates United States Standard.  
CN indicates Canadian National Standard.

**Ratings - Environmental**

| Series | Model  | Environmental                              |                  |
|--------|--|--|------------------|
|        |  | Maximum Surrounding Air Temperature/rating | Pollution Degree |
| F01P   | F01P *** S05   | 105°C.                                     | 2                |
| F02P   | F02P *** S05   | 105°C.                                     | 2                |
| F03P   | F03P *** S05   | 105°C.                                     | 2                |
| L07P   | L07P *** D15<br>L07P *** S05   | 80°C.                                      | 2                |
| L18P   | L18P *** D15<br>L18P *** D15C<br>L18P *** D15-OP<br>L18P *** S05<br>L18P *** S05R<br>L18P *** S12<br>SL18P *** D15 | 80°C.                                      | 2                |
| L31S   | L31S *** S05S  | 85°C.                                      | 2                |
| L34S   | L34S *** D15   | 80°C.                                      | 2                |
| S21S   | S21S180D15JN   | 80°C.                                      | 2                |
| S22P   | S22P *** S05<br>S22P *** S05M2   | 85°C.                                      | 2                |
| S23P   | S23P50/100D15<br>S23P50/100D15M1<br>S23P50/100D15M2  | 85°C.                                      | 2                |
| S25P   | S25P *** D15 *   | 85°C.                                      | 2                |
| S26P   | S26P200D15Y  | 85°C.                                      | 2                |
| S27S   | S27S300D15Y<br>S27S300D15YM  | 85°C.                                      | 2                |
| S28S   | S28S500D24Z<br>S28S500D24ZM  | 70°C.                                      | 2                |

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Ratings - Electrical

| Series | Model         | Primary (Feed-through) |          | Secondary(Sensing) |                         |
|--------|---------------|------------------------|----------|--------------------|-------------------------|
|        |               |                        |          | Input              | Output                  |
| F01P   | F01P006S05    | 6 A                    | 600 Vrms | 5 Vdc, 25 mA       | 2.5±2.2 Vdc,<br>±0.5 mA |
|        | F01P015S05    | 15 A                   | 600 Vrms | 5 Vdc, 30 mA       |                         |
|        | F01P025S05    | 25 A                   | 600 Vrms | 5 Vdc, 35 mA       |                         |
|        | F01P050S05    | 50 A                   | 600 Vrms | 5 Vdc, 55 mA       |                         |
| F02P   | F02P006S05    | 6 A                    | 600 Vrms | 5 Vdc, 25 mA       | 2.5±2.2 Vdc,<br>±0.5 mA |
|        | F02P015S05    | 15 A                   | 600 Vrms | 5 Vdc, 30 mA       |                         |
|        | F02P025S05    | 25 A                   | 600 Vrms | 5 Vdc, 35 mA       |                         |
|        | F02P050S05    | 50 A                   | 600 Vrms | 5 Vdc, 55 mA       |                         |
| F03P   | F03P006S05    | 6 A                    | 600 Vrms | 5 Vdc, 25 mA       | 2.5±2.2 Vdc,<br>±0.5 mA |
|        | F03P015S05    | 15 A                   | 600 Vrms | 5 Vdc, 30 mA       |                         |
|        | F03P025S05    | 25 A                   | 600 Vrms | 5 Vdc, 35 mA       |                         |
|        | F03P050S05    | 50 A                   | 600 Vrms | 5 Vdc, 55 mA       |                         |
| L07P   | L07P003D15    | 3 A                    | 600 Vrms | ±15 Vdc,<br>±30 mA | 0 - 4 Vdc,<br>0.4 mA    |
|        | L07P005D15    | 5 A                    | 600 Vrms |                    |                         |
|        | L07P010D15    | 10 A                   | 600 Vrms |                    |                         |
|        | L07P015D15    | 15 A                   | 600 Vrms |                    |                         |
|        | L07P020D15    | 20 A                   | 600 Vrms |                    |                         |
|        | L07P025D15    | 25 A                   | 600 Vrms |                    |                         |
|        | L07P030D15    | 30 A                   | 600 Vrms | 5 Vdc,<br>30 mA    | 0 - 3.75 Vdc,<br>0.4 mA |
|        | L07P003S05    | 3 A                    | 600 Vrms |                    |                         |
|        | L07P005S05    | 5 A                    | 600 Vrms |                    |                         |
|        | L07P010S05    | 10 A                   | 600 Vrms |                    |                         |
| L18P   | L18P003D15    | 3 A                    | 600 Vrms | ±15 Vdc,<br>±15 mA | 0 - 4 Vdc,<br>0.4 mA    |
|        | L18P005D15    | 5 A                    | 600 Vrms |                    |                         |
|        | L18P010D15    | 10 A                   | 600 Vrms |                    |                         |
|        | L18P015D15    | 15 A                   | 600 Vrms |                    |                         |
|        | L18P020D15    | 20 A                   | 600 Vrms |                    |                         |
|        | L18P025D15    | 25 A                   | 600 Vrms |                    |                         |
|        | L18P030D15    | 30 A                   | 600 Vrms | ±15 Vdc,<br>±15 mA | 0 - 4 Vdc,<br>0.4 mA    |
|        | L18P040D15    | 40 A                   | 600 Vrms |                    |                         |
|        | L18P050D15    | 50 A                   | 600 Vrms |                    |                         |
|        | L18P060D15    | 60 A                   | 600 Vrms |                    |                         |
| L18P   | L18P003D15C   | 3 A                    | 600 Vrms | ±15 Vdc,<br>±15 mA | 0 - 4 Vdc,<br>0.4 mA    |
|        | L18P005D15C   | 5 A                    | 600 Vrms |                    |                         |
|        | L18P010D15C   | 10 A                   | 600 Vrms |                    |                         |
|        | L18P015D15C   | 15 A                   | 600 Vrms |                    |                         |
|        | L18P020D15C   | 20 A                   | 600 Vrms |                    |                         |
|        | L18P025D15C   | 25 A                   | 600 Vrms |                    |                         |
|        | L18P030D15C   | 30 A                   | 600 Vrms | ±15 Vdc,<br>±15 mA | 0 - 4 Vdc,<br>0.4 mA    |
|        | L18P040D15C   | 40 A                   | 600 Vrms |                    |                         |
|        | L18P050D15C   | 50 A                   | 600 Vrms |                    |                         |
|        | L18P060D15C   | 60 A                   | 600 Vrms |                    |                         |
| L18P   | L18P003D15-OP | 3 A                    | 600 Vrms | ±15 Vdc,<br>±15 mA | 0 - 4 Vdc,<br>0.4 mA    |
|        | L18P005D15-OP | 5 A                    | 600 Vrms |                    |                         |
|        | L18P010D15-OP | 10 A                   | 600 Vrms |                    |                         |
|        | L18P015D15-OP | 15 A                   | 600 Vrms |                    |                         |
|        | L18P020D15-OP | 20 A                   | 600 Vrms |                    |                         |
|        | L18P025D15-OP | 25 A                   | 600 Vrms |                    |                         |
|        | L18P030D15-OP | 30 A                   | 600 Vrms | ±15 Vdc,<br>±15 mA | 0 - 4 Vdc,<br>0.4 mA    |
|        | L18P040D15-OP | 40 A                   | 600 Vrms |                    |                         |
|        | L18P050D15-OP | 50 A                   | 600 Vrms |                    |                         |
|        | L18P060D15-OP | 60 A                   | 600 Vrms |                    |                         |
| L18P   | L18P003S05    | 3 A                    | 600 Vrms | 5 Vdc,<br>15 mA    | 0 - 4 Vdc,<br>0.4 mA    |
|        | L18P005S05    | 5 A                    | 600 Vrms |                    |                         |
|        | L18P010S05    | 10 A                   | 600 Vrms |                    |                         |
|        | L18P015S05    | 15 A                   | 600 Vrms |                    |                         |
|        | L18P020S05    | 20 A                   | 600 Vrms |                    |                         |
|        | L18P025S05    | 25 A                   | 600 Vrms |                    |                         |
|        | L18P030S05    | 30 A                   | 600 Vrms | 5 Vdc,<br>15 mA    | 0 - 3.2 Vdc,<br>0.32 mA |
|        | L18P040S05    | 40 A                   | 600 Vrms |                    |                         |
|        | L18P050S05    | 50 A                   | 600 Vrms |                    |                         |
|        | L18P060S05    | 60 A                   | 600 Vrms |                    |                         |
| L18P   | L18P003S05R   | 3 A                    | 600 Vrms | 5 Vdc,<br>15 mA    | 0 - 3.2 Vdc,<br>0.32 mA |
|        | L18P005S05R   | 5 A                    | 600 Vrms |                    |                         |
|        | L18P010S05R   | 10 A                   | 600 Vrms |                    |                         |
|        | L18P015S05R   | 15 A                   | 600 Vrms |                    |                         |
|        | L18P020S05R   | 20 A                   | 600 Vrms |                    |                         |
|        | L18P025S05R   | 25 A                   | 600 Vrms |                    |                         |
|        | L18P030S05R   | 30 A                   | 600 Vrms | 5 Vdc,<br>15 mA    | 0 - 3.2 Vdc,<br>0.32 mA |
|        | L18P040S05R   | 40 A                   | 600 Vrms |                    |                         |
|        | L18P050S05R   | 50 A                   | 600 Vrms |                    |                         |
|        | L18P060S05R   | 60 A                   | 600 Vrms |                    |                         |

| Series | Model           | Primary (Feed-through) |          | Secondary(Sensing)         |                                    |
|--------|-----------------|------------------------|----------|----------------------------|------------------------------------|
|        |                 |                        |          | Input                      | Output                             |
| L18P   | L18P003S12      | 3 A                    | 600 Vrms | 12 Vdc,<br>15 mA           | 0 - 4 Vdc,<br>0.4 mA               |
|        | L18P005S12      | 5 A                    | 600 Vrms |                            |                                    |
|        | L18P010S12      | 10 A                   | 600 Vrms |                            |                                    |
|        | L18P015S12      | 15 A                   | 600 Vrms |                            |                                    |
|        | L18P020S12      | 20 A                   | 600 Vrms |                            |                                    |
|        | L18P025S12      | 25 A                   | 600 Vrms |                            |                                    |
|        | L18P030S12      | 30 A                   | 600 Vrms |                            |                                    |
|        | L18P040S12      | 40 A                   | 600 Vrms |                            |                                    |
|        | L18P050S12      | 50 A                   | 600 Vrms |                            |                                    |
|        | L18P060S12      | 60 A                   | 600 Vrms |                            |                                    |
| L18P   | SL18P003D15     | 3 A                    | 600 Vrms | ±15 Vdc,<br>±15 mA         | 0 - 4 Vdc,<br>0.4 mA               |
|        | SL18P005D15     | 5 A                    | 600 Vrms |                            |                                    |
|        | SL18P010D15     | 10 A                   | 600 Vrms |                            |                                    |
|        | SL18P015D15     | 15 A                   | 600 Vrms |                            |                                    |
|        | SL18P020D15     | 20 A                   | 600 Vrms |                            |                                    |
|        | SL18P025D15     | 25 A                   | 600 Vrms |                            |                                    |
|        | SL18P030D15     | 30 A                   | 600 Vrms |                            |                                    |
|        | SL18P040D15     | 40 A                   | 600 Vrms |                            |                                    |
|        | SL18P050D15     | 50 A                   | 600 Vrms |                            |                                    |
|        | SL18P060D15     | 60 A                   | 600 Vrms |                            |                                    |
| L31S   | L31S050S05S     | 50 A                   | 600 Vrms | 5 Vdc,<br>15 mA            | 1.875 - 3.125<br>Vdc,<br>0.3125 mA |
|        | L31S100S05S     | 100 A                  | 600 Vrms |                            |                                    |
|        | L31S200S05S     | 200 A                  | 600 Vrms |                            |                                    |
|        | L31S300S05S     | 300 A                  | 600 Vrms |                            |                                    |
|        | L31S400S05S     | 400 A                  | 600 Vrms |                            |                                    |
|        | L31S500S05S     | 500 A                  | 600 Vrms |                            |                                    |
| L34S   | L34S200D15      | 200 A                  | 600 Vrms | ±15 Vdc,<br>±25mA          | 0 - 4 Vdc,<br>0.4 mA               |
|        | L34S300D15      | 300 A                  | 600 Vrms |                            |                                    |
|        | L34S400D15      | 400 A                  | 600 Vrms |                            |                                    |
|        | L34S500D15      | 500 A                  | 600 Vrms |                            |                                    |
|        | L34S600D15      | 600 A                  | 600 Vrms |                            |                                    |
|        | L34S1T0D15      | 1000 A                 | 600 Vrms |                            |                                    |
|        | L34S1T2D15      | 1200 A                 | 600 Vrms |                            |                                    |
|        | L34S1T5D15      | 1500 A                 | 600 Vrms |                            |                                    |
| S21S   | S21S180D15JN    | 180 A                  | 600 Vrms | ±15 Vdc,<br>±25mA          | 0 - 1.35 Vdc,<br>45mA              |
| S22P   | S22P006S05      | 6 A                    | 600 Vrms | 5 Vdc,<br>12.5 mA          | 0 - 3.125 Vdc,<br>3mA              |
|        | S22P015S05      | 15 A                   | 600 Vrms |                            | 0 - 3.125 Vdc,<br>7.5mA            |
|        | S22P025S05      | 25 A                   | 600 Vrms |                            | 0 - 3.125 Vdc,<br>12.5mA           |
|        | S22P006S05M2    | 6 A                    | 600 Vrms |                            | 0 - 3.125 Vdc,<br>3mA              |
|        | S22P015S05M2    | 15 A                   | 600 Vrms |                            | 0 - 3.125 Vdc,<br>7.5mA            |
|        | S22P025S05M2    | 25 A                   | 600 Vrms |                            | 0 - 3.125 Vdc,<br>12.5mA           |
| S23P   | S23P50/100D15   | 100 A                  | 600 Vrms | MAX. ±15 Vdc,<br>±62.5 mA  | -2.5 - 2.5 Vdc;<br>-50 - 50mA      |
|        | S23P50/100D15M1 | 100 A                  | 600 Vrms | MAX. ±15 Vdc,<br>±112.5 mA | -5 - 5 Vdc;<br>-100 - 100mA        |
|        | S23P50/100D15M2 | 100 A                  | 600 Vrms | MAX. ±15 Vdc,<br>±62.5 mA  | -2.5 - 2.5 Vdc;<br>-50 - 50mA      |
| S25P   | S25P050D15X     | 50 A                   | 600 Vrms | MAX. ±15 Vdc,<br>±62.5 mA  | -5 - 5 Vdc;<br>-50 - 50mA          |
|        | S25P100D15X     | 100 A                  | 600 Vrms | MAX. ±15 Vdc,<br>±112.5 mA | -5 - 5 Vdc;<br>-100 - 100mA        |
|        | S25P100D15Y     | 100 A                  | 600 Vrms | MAX. ±15 Vdc,<br>±62.5 mA  | -5 - 5 Vdc;<br>-50 - 50mA          |
|        | S25P150D15Y     | 150 A                  | 600 Vrms | MAX. ±15 Vdc,<br>±87.5 mA  | -3.75 - 3.75 Vdc;<br>-75 - 75mA    |
| S26P   | S26P200D15Y     | 200 A                  | 600 Vrms | MAX. ±15 Vdc,<br>±112.5 mA | -5 - 5 Vdc;<br>-100 - 100mA        |
| S27S   | S27S300D15Y     | 300 A                  | 600 Vrms | ±15 Vdc,<br>±162.5 mA      | 0 - ±7.5 Vdc,<br>±150mA            |
|        | S27S300D15YM    | 300 A                  | 600 Vrms | ±15 Vdc,<br>±162.5 mA      | 0 - ±7.5 Vdc,<br>±150mA            |
| S28S   | S28S500D24Z     | 500 A                  | 600 Vrms | ±24 Vdc,<br>±130 mA        | 0 - ±5 Vdc,<br>±100mA              |
|        | S28S500D24ZM    | 500 A                  | 600 Vrms | ±24 Vdc,<br>±130 mA        | 0 - ±5 Vdc,<br>±100mA              |

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**CAUTION**

| Series | Model  | CAUTION   |
|--------|--|---|
| F01P   | F01P***S05   | The maximum temperature at top of Case shall not be higher than 110°C and busbar shall not be higher than 108°C in the end-use product.   |
| F02P   | F02P***S05   |   |
| F03P   | F03P***S05   |   |
| L07P   | L07P***D15<br>L07P***S05   | -   |
| L18P   | L18P***D15<br>L18P***D15C<br>L18P***D15-OP<br>L18P***S05<br>L18P***S05R<br>L18P***S12<br>SL18P***D15 | -   |
| L31S   | L31S***S05S  | -   |
| L34S   | L34S***D15   | Do not wrap the primary conductor around the core part of the product for preventing to reduce the required Spacings.   |
| S21S   | S21S180D15JN   | Do not wrap the primary conductor around the core part of the product to increase measured current.   |
| S22P   | S22P***S05<br>S22P***S05M2   | -   |
| S23P   | S23P50/100D15<br>S23P50/100D15M1<br>S23P50/100D15M2  | Provide two min. 100 by 85 mm, 0.5mm thick copper conductorcum heat sink as primary conductor of each side for safe usage. The primary conductor temperature and PCB should not exceed 100°C. |
| S25P   | S25P***D15*  | Do not wrap the primary conductor around the core part of the product to increase measured current.   |
| S26P   | S26P200D15Y  | Do not wrap the primary conductor around the core part of the product to increase measured current.   |
| S27S   | S27S300D15Y<br>S27S300D15YM  | -   |
| S28S   | S28S500D24Z<br>S28S500D24ZM  | -   |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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