

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 L07P *** S05 | USR, CNR |
| L18P | L18P***D15 L18P***D15C L18P***D15-OP L18P***S05 L18P***S05R L18P***S12 SL18P***D15 | USR, CNR |
| L31S | L31S***S05S | USR, CNR |
| L34S | L34S***D15 | USR, CNR |
| S21S | S21S180D15JN | USR, CNR |
| S22P | S22P***S05 S22P***S05M2 | USR, CNR |
| S23P | S23P50/100D15 S23P50/100D15M1 S23P50/100D15M2 | USR, CNR |
| S25P | S25P***D15* | USR, CNR |
| S26P | S26P200D15Y | USR, CNR |
| S27S | S27S300D15Y S27S300D15YM | USR, CNR |
| S28S | S28S500D24Z 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 L07P *** S05 | 80°C. | 2 |
| L18P | L18P *** D15 L18P *** D15C L18P *** D15-OP L18P *** S05 L18P *** S05R L18P *** S12 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 S22P *** S05M2 | 85°C. | 2 |
| S23P | S23P50/100D15 S23P50/100D15M1 S23P50/100D15M2 | 85°C. | 2 |
| S25P | S25P *** D15 * | 85°C. | 2 |
| S26P | S26P200D15Y | 85°C. | 2 |
| S27S | S27S300D15Y S27S300D15YM | 85°C. | 2 |
| S28S | S28S500D24Z 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, ±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, ±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, ±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, ±30 mA | 0 - 4 Vdc, 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, 30 mA | 0 - 3.75 Vdc, 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, ±15 mA | 0 - 4 Vdc, 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, ±15 mA | 0 - 4 Vdc, 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, ±15 mA | 0 - 4 Vdc, 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, ±15 mA | 0 - 4 Vdc, 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, ±15 mA | 0 - 4 Vdc, 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, ±15 mA | 0 - 4 Vdc, 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, 15 mA | 0 - 4 Vdc, 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, 15 mA | 0 - 3.2 Vdc, 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, 15 mA | 0 - 3.2 Vdc, 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, 15 mA | 0 - 3.2 Vdc, 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, 15 mA | 0 - 4 Vdc, 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, ±15 mA | 0 - 4 Vdc, 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, 15 mA | 1.875 - 3.125 Vdc, 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, ±25mA | 0 - 4 Vdc, 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, ±25mA | 0 - 1.35 Vdc, 45mA |
| S22P | S22P006S05 | 6 A | 600 Vrms | 5 Vdc, 12.5 mA | 0 - 3.125 Vdc, 3mA |
| | S22P015S05 | 15 A | 600 Vrms | | 0 - 3.125 Vdc, 7.5mA |
| | S22P025S05 | 25 A | 600 Vrms | | 0 - 3.125 Vdc, 12.5mA |
| | S22P006S05M2 | 6 A | 600 Vrms | | 0 - 3.125 Vdc, 3mA |
| | S22P015S05M2 | 15 A | 600 Vrms | | 0 - 3.125 Vdc, 7.5mA |
| | S22P025S05M2 | 25 A | 600 Vrms | | 0 - 3.125 Vdc, 12.5mA |
| S23P | S23P50/100D15 | 100 A | 600 Vrms | MAX. ±15 Vdc, ±62.5 mA | -2.5 - 2.5 Vdc; -50 - 50mA |
| | S23P50/100D15M1 | 100 A | 600 Vrms | MAX. ±15 Vdc, ±112.5 mA | -5 - 5 Vdc; -100 - 100mA |
| | S23P50/100D15M2 | 100 A | 600 Vrms | MAX. ±15 Vdc, ±62.5 mA | -2.5 - 2.5 Vdc; -50 - 50mA |
| S25P | S25P050D15X | 50 A | 600 Vrms | MAX. ±15 Vdc, ±62.5 mA | -5 - 5 Vdc; -50 - 50mA |
| | S25P100D15X | 100 A | 600 Vrms | MAX. ±15 Vdc, ±112.5 mA | -5 - 5 Vdc; -100 - 100mA |
| | S25P100D15Y | 100 A | 600 Vrms | MAX. ±15 Vdc, ±62.5 mA | -5 - 5 Vdc; -50 - 50mA |
| S26P | S26P200D15Y | 200 A | 600 Vrms | MAX. ±15 Vdc, ±112.5 mA | -5 - 5 Vdc; -100 - 100mA |
| | S27S300D15Y | 300 A | 600 Vrms | ±15 Vdc, ±162.5 mA | 0 - ±7.5 Vdc, ±150mA |
| | S27S300D15YM | 300 A | 600 Vrms | ±15 Vdc, ±162.5 mA | 0 - ±7.5 Vdc, ±150mA |
| S28S | S28S500D24Z | 500 A | 600 Vrms | ±24 Vdc, ±130 mA | 0 - ±5 Vdc, ±100mA |
| | S28S500D24ZM | 500 A | 600 Vrms | ±24 Vdc, ±130 mA | 0 - ±5 Vdc, ±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 L07P***S05 | - |
| L18P | L18P***D15 L18P***D15C L18P***D15-OP L18P***S05 L18P***S05R L18P***S12 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 S22P***S05M2 | - |
| S23P | S23P50/100D15 S23P50/100D15M1 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 S27S300D15YM | - |
| S28S | S28S500D24Z S28S500D24ZM | - |

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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