

SIMM Series Input Modules

- * 6.2 mm wide and 65 mm deep
- * DIN Rail mounted
- * LED input status indicator
- * Bridges enable quick linking of common voltage
- * Identification zone on front face
- * IP20



Part numbers

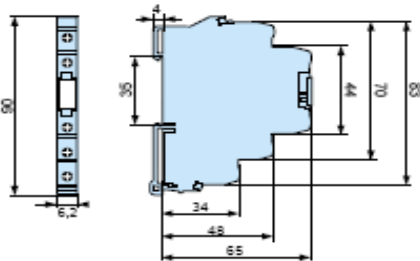
| | 84145061 | 84145062 | 84145064 | 84145066 | 84145071 |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|
| Input Characteristics (at ambient 25 C°) | | | | | |
| Nominal voltage | 24Vdc | 24Vac/dc | 120 | 240 | 24Vdc |
| Operating voltage range | 19.2-30Vdc | 19.2-30Vac/dc | 95-121Vac/dc | 195-253Vac/dc | 19.2-30Vdc |
| Max input current | 20 mA | 20 mA | 5 mA | 5 mA | 20 mA |
| Output characteristics (at ambient 25 C°) | | | | | |
| Max Voltage | 30Vac/36Vdc | 30Vac/36Vdc | 30Vac/36Vdc | 30Vac/36Vdc | 30Vac/36Vdc |
| Max current | 50 mA | 50 mA | 50 mA | 50 mA | 50 mA |
| General characteristics | | | | | |
| Operating temperature range | -25 to 60°C | -25 to 60°C | -25 to 60°C | -25 to 60°C | -25 to 60°C |
| Storage temperature range | -40 to 80°C | -40 to 80°C | -40 to 80°C | -40 to 80°C | -40 to 80°C |
| Turn-On time | 8 ms | 8 ms | 8 ms | 8 ms | 8 ms |
| Turn-Off time | 10 ms | 10 ms | 10 ms | 10 ms | 10 ms |
| Switching frequency | 10 Hz | 10 Hz | 10 Hz | 10 Hz | 10 Hz |
| Mechanical Life (operations) | > 10 x 10 ⁶ | > 10 x 10 ⁶ | > 10 x 10 ⁶ | > 10 x 10 ⁶ | > 10 x 10 ⁶ |
| Electrical Life (number of operation) | 6 x 10 ⁶ | 6 x 10 ⁶ | 6 x 10 ⁶ | 6 x 10 ⁶ | 6 x 10 ⁶ |
| Weight | 1.23 oz | 1.23 oz | 1.23 oz | 1.23 oz | 1.23 oz |
| Contact Material | AgSnO2 gold plated | | | | |
| Contact Arrangement | SPDT | SPDT | SPDT | SPDT | SPST (N.O.) |

Note: Exceeding the value given for the output relay current will remove the gold plating

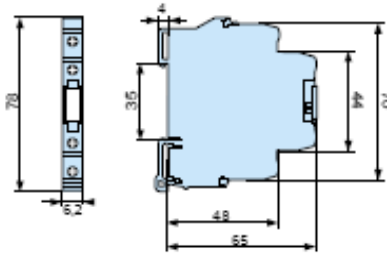
from the contacts and therefore we cannot guarantee correct operation at low currents.

Dimensions:

SPDT

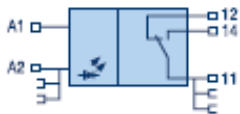


SPST

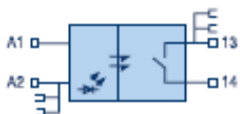


Wiring Diagram and Thermal Curves:

84145061 / 062 / 064 / 066

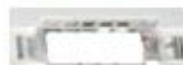


84145071



84145050

Front Panel marker (88 per bag)



84145051

2 Pole "Common" Jumper



84145052

10 position jumper - Blue



84145053

10 position jumper - Red

