|  |  |  |
| --- | --- | --- |
| **Issued to:** |  | SOCOMEC SAS |
| 1 Rue de Westhouse - B.P. 60010  Benfeld Cedex 67235  France |
|  |  |  |
| **This is to certify that**  **representative samples of** |  | WHVA - Switches, Open Type for Use in Photovoltaic Systems |
| See Addendum Page for Product Designation(s). |
|  |  |  |
| UL-US-L346418-51-70216102-3 |  | Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate. |
|  |  |  |
| **Standard(s) for Safety:** |  | UL 98A, 2nd Ed., Issue Date: 2014-07-11, UL 98B, 3rd Ed., Issue Date: 2015-02-04 |
| **Additional Information:** |  | See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information |

E346418-20161207

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL’s Follow-Up Services.

Look for the UL Certification Mark on the product.

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

|  |  |
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|  |  |
| **Model** | **Category Description** |
| **INOSYS LBS Series 87P, rated 100A**, 87P01010 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 200A**, 87P01020 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 250A**, 87P01025 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 10A**, 87P02001 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 100A**, 87P02010 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 200A**, 87P02020 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 250A**, 87P02025 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 100A**, 87P03010 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 200A**, 87P03020 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 250A**, 87P03025 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 100A**, 87P04010 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 200A**, 87P04020 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 250A**, 87P04025 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 50A**, 87P11001 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 100A**, 87P11010 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 200A**, 87P11020 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 250A**, 87P11025 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 100A**, 87P22010 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 200A**, 87P22020 | Open type switches, manual for use in photovoltaic systems |
| **INOSYS LBS Series 87P, rated 250A**, 87P22025 | Open type switches, manual for use in photovoltaic systems |

ELECTRICAL RATINGS:

OPEN TYPE SWITCHES, FOR USE IN PHOTOVOLTAIC SYSTEMS

RATINGS:

OPEN TYPE SWITCHES FOR USE IN PHOTOVOLTAIC SYSTEMS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Number of switch Poles | Model | Current Rating, A  General Use | Voltage, DC (max. values) | Number of Poles used in Series | Number of circuits | Short Circuit Rating, kA | Comments |
| 1 | 87P01010 | 100 | 500 | 1 | 1 | 10 |  |
| 87P01020 | 200 | 500 | 1 | 1 | 10 |  |
| 87P01025 | 250 | 500 | 1 | 1 | 10 |  |
| 2 | 87P02001  87P11001 | 10 | 1500 | 2 | 1 | 2 |  |
| **50 \*** | **500** | **2** | **1** | **2** |  |
| 87P11010  87P02010 | 100 | 500 | 1 | 2 | 10 | Optional characteristic |
| 100 | 1000 | 2 | 1 | 10 |  |
| 87P11020  87P02020 | 200 | 500 | 1 | 2 | 10 | Optional characteristic |
| 200 | 1000 | 2 | 1 | 10 |  |
| 87P11025  87P02025 | 250 | 500 | 1 | 2 | 10 | Optional characteristic |
| 250 | 1000 | 2 | 1 | 10 |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 87P03010 | 100 | 500 | 1 | 3 | 10 | Optional characteristic |
| 100 | 1000 | 3 | 1 | 10 | Optional characteristic |
| 100 | 1500 | 3 | 1 | 10 |  |
| 87P03020 | 200 | 500 | 1 | 3 | 10 | Optional characteristic |
| 200 | 1000 | 3 | 1 | 10 | Optional characteristic |
| 200 | 1500 | 3 | 1 | 10 |  |
| 87P03025 | 250 | 500 | 1 | 3 | 10 | Optional characteristic |
| 250 | 1000 | 3 | 1 | 10 | Optional characteristic |
| 250 | 1500 | 3 | 1 | 10 |  |
| 4 | 87P04010  87P22010 | 100 | 500 | 1 | 4 | 10 | Optional characteristic |
| 100 | 1000 | 2 | 2 | 10 |  |
| 87P04020  87P22020 | 200 | 500 | 1 | 4 | 10 | Optional characteristic |
| 200 | 1000 | 2 | 2 | 10 |  |
| 87P04025  87P22025 | 250 | 500 | 1 | 4 | 10 | Optional characteristic |
| 250 | 1000 | 2 | 2 | 10 |  |

Ambient range -20 to +50 °C

**\*50A version is identical in construction to the 100A model**