



For the following equipment:

**Product Description:** 20W, Single Phase DIN rail Switching Power Supply

**Model Designation:** NPSM20-XX (XX=5/12/24)

Complies with the requirements set out in the European Council Directive.  
The following standards were applied:

|                              |  |
|------------------------------|--|
| <b>RoHS Directive</b>        | <b>2011/65/EU</b>                                |
| <b>Low Voltage Directive</b> | <b>2014/35/EU</b>                                |
| <b>Safety Standards</b>      | EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 |
|                              | EN50178:1997                                     |

**Electromagnetic Compatibility Directive 2014/30/EU**

**EMI (Electro-Magnetic Interference)**

*Conducted emission / Radiated emission*

|                      |         |                       |
|----------------------|---------|-----------------------|
| EN55011:2009+A1:2010 | Class A | NPSM20-12 / NPSM20-24 |
| EN55011:2009+A1:2010 | Class B | NPSM20-5              |
| EN50561-1:2013       |         |                       |

**EMS (Electro-Magnetics Susceptibility)**

|  |                                  |         |                       |
|--|----------------------------------|---------|-----------------------|
| <i>Generic immunity standard for industrial environments</i> | EN61000-6-2:2005                 |         |                       |
| <i>ESD air</i>   | EN61000-4-2:2009                 | Level 3 |                       |
| <i>ESD contact</i>   | EN61000-4-2:2009                 | Level 2 |                       |
| <i>RF field susceptibility</i>                               | EN61000-4-3:2006+A1:2007+A2:2010 | Level 3 |                       |
| <i>EFT bursts</i>  | EN61000-4-4:2012                 | Level 3 | NPSM20-12 / NPSM20-24 |
| <i>EFT bursts</i>  | EN61000-4-4:2012                 | Level 4 | NPSM20-5              |
| <i>Surge susceptibility</i>                                  | EN61000-4-5:2014                 | Level 3 | NPSM20-12 / NPSM20-24 |
| <i>Surge susceptibility</i>                                  | EN61000-4-5:2014                 | Level 4 | NPSM20-5              |
| <i>Voltage dip interruption</i>                              | EN61000-4-11:2004+A1:2010        | Class 2 |                       |

**Note:**

The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete system, the final equipment manufacturer must re-qualify EMC Directive on the complete system again.

Person responsible for this declaration:

Nextys SA  
(Manufacturer Name)

Via Luserte Sud 6, 6572 Quartino - Switzerland  
(Manufactures Address)

Marius Ciorica / Product Manager  
(Name / Position)

*M Ciorica*  
(Signature)

Quartino  
(Place)

29.03.2018  
(Date)