

# EU – Declaration of Conformity


Document number / Month.Year: NHA3487100.04 / 08.2018

- Original Language -

We: Schneider Electric Automation GmbH  
*Subsidiary of Schneider Electric SE (FR 92500 Rueil-Malmaison)*

Schneiderplatz 1  
 97828 Marktheidenfeld  
 Germany

Hereby declare that this declaration of conformity is issued under our sole responsibility as manufacturer and that the product(s):

|                                 |  |
|---------------------------------|--|
| <b>Trademark:</b>               | Schneider Electric  |
| <b>Product, Type, Function:</b> | Servo Drive Lexium 28  |
| <b>Models:</b>                  | LXM28 series   |
| <b>Serial Number:</b>           | aaa8AAwwyybbbb<br><small>(aaa = Product ID; ww = 01...53, yy = 14...99, bbbbb = 0001...9999)</small>   |

is/are in conformity with the requirements of the following directives and conformity was checked in accordance with the following standards:

| Directive   | Harmonized Standard  |
|---|--|
| <b>DIRECTIVE 2006/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL</b><br>of 17 May 2006 on machinery, and amending Directive 95/16/EC   | <b>EN 61800-5-2:2007</b><br>Adjustable speed electrical power drive systems -- Part 5-2: Safety requirements - Functional<br><b>EN ISO 13849-1:2015</b><br>Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design<br><b>EN ISO 13849-2:2012</b><br>Safety of machinery - Safety-related parts of control systems - Part 2: Validation<br><b>EN 62061:2005 + A1:2013 + A2:2015</b><br>Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems |
| <b>DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL</b><br>of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast) | <b>EN 61800-3:2004 + A1:2012</b><br>Adjustable speed electrical power drive systems -- Part 3: EMC requirements and specific test methods  |

According to machinery directive Annex I chapter 1.5.1 following standard(s) was/were additional considered to fulfil safety objectives of low voltage directive 2014/35/EU:

**EN 61800-5-1:2007** Adjustable speed electrical power drive systems -- Part 5-1: Safety requirements - Electrical, thermal and energy

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The following notified body has made a positive EC type examination in accordance to the Directive 2006/42/EC:

| <b>Number of notified body</b> | <b>Number of EC type examination certificate</b> | <b>Name, Address</b>  |
|--------------------------------|--|---|
| 0035                           | 01/205/5401.01/16                                | TÜV Rheinland Industrie Service GmbH<br>Am Grauen Stein<br>51105 Köln - Germany |

It is important that the component is subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions, user manual and to the accepted rules of the art.

Name and address of the person authorised to compile the technical file:

**Michael Schweizer, Schneider Electric Automation GmbH, Schneiderplatz 1, 97828 Marktheidenfeld - Germany**

Issued at: Marktheidenfeld - Germany, 14<sup>th</sup> August 2018



i.A. Michael Schweizer  
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**List of Models:**

| Model  | Description  | Product ID |
|--|--|------------|
| <b>LXM28 series with CAN Interface (3 phase 220V)</b>      |  |            |
| LXM28AUA5M3X   | Lexium 28 220V 50W; PLd Cat.3 / SILcl 2; CAN / PTI   | AA5        |
| LXM28AU01M3X   | Lexium 28 220V 100W; PLd Cat.3 / SILcl 2; CAN / PTI  | A01        |
| LXM28AU02M3X   | Lexium 28 220V 200W; PLd Cat.3 / SILcl 2; CAN / PTI  | A02        |
| LXM28AU04M3X   | Lexium 28 220V 400W; PLd Cat.3 / SILcl 2; CAN / PTI  | A04        |
| LXM28AU07M3X   | Lexium 28 220V 750W; PLd Cat.3 / SILcl 2; CAN / PTI  | A07        |
| LXM28AU10M3X   | Lexium 28 220V 1000W; PLd Cat.3 / SILcl 2; CAN / PTI | A10        |
| LXM28AU15M3X   | Lexium 28 220V 1500W; PLd Cat.3 / SILcl 2; CAN / PTI | A15        |
| LXM28AU20M3X   | Lexium 28 220V 2000W; PLd Cat.3 / SILcl 2; CAN / PTI | A20        |
| LXM28AU30M3X   | Lexium 28 220V 3000W; PLd Cat.3 / SILcl 2; CAN / PTI | A30        |
| LXM28AU45M3X   | Lexium 28 220V 4500W; PLd Cat.3 / SILcl 2; CAN / PTI | A45        |
| LXM28AU55M3X   | Lexium 28 220V 5500W; PLd Cat.3 / SILcl 2; CAN / PTI | A55        |
| LXM28AU75M3X   | Lexium 28 220V 5500W; PLd Cat.3 / SILcl 2; CAN / PTI | A75        |
| <b>LXM28 series with EtherCat Interface (3 phase 220V)</b> |  |            |
| LXM28EUA5M3X   | Lexium 28 220V 50W; PLd Cat.3 / SILcl 2; EtherCAT    | EA5        |
| LXM28EU01M3X   | Lexium 28 220V 100W; PLd Cat.3 / SILcl 2; EtherCAT   | E01        |
| LXM28EU02M3X   | Lexium 28 220V 200W; PLd Cat.3 / SILcl 2; EtherCAT   | E02        |
| LXM28EU04M3X   | Lexium 28 220V 400W; PLd Cat.3 / SILcl 2; EtherCAT   | E04        |
| LXM28EU07M3X   | Lexium 28 220V 750W; PLd Cat.3 / SILcl 2; EtherCAT   | E07        |
| LXM28EU10M3X   | Lexium 28 220V 1000W; PLd Cat.3 / SILcl 2 EtherCAT   | E10        |
| LXM28EU15M3X   | Lexium 28 220V 1500W; PLd Cat.3 / SILcl 2; EtherCAT  | E15        |
| LXM28EU20M3X   | Lexium 28 220V 2000W; PLd Cat.3 / SILcl 2; EtherCAT  | E20        |
| LXM28EU30M3X   | Lexium 28 220V 3000W; PLd Cat.3 / SILcl 2; EtherCAT  | E30        |
| LXM28EU45M3X   | Lexium 28 220V 4500W; PLd Cat.3 / SILcl 2; EtherCAT  | E45        |
| LXM28EU55M3X   | Lexium 28 220V 5500W; PLd Cat.3 / SILcl 2; EtherCAT  | E55        |
| LXM28EU75M3X   | Lexium 28 220V 5500W; PLd Cat.3 / SILcl 2; EtherCAT  | E75        |
| <b>LXM28 series with CAN Interface (1 phase 110V)</b>      |  |            |
| LXM28AUA5M1X   | Lexium 28 110V 50W; PLd Cat.3 / SILcl 2; CAN / PTI   | BA5        |
| LXM28AU01M1X   | Lexium 28 110V 100W; PLd Cat.3 / SILcl 2; CAN / PTI  | B01        |
| LXM28AU02M1X   | Lexium 28 110V 200W; PLd Cat.3 / SILcl 2; CAN / PTI  | B02        |
| LXM28AU04M1X   | Lexium 28 110V 400W; PLd Cat.3 / SILcl 2; CAN / PTI  | B04        |
| LXM28AU07M1X   | Lexium 28 110V 750W; PLd Cat.3 / SILcl 2; CAN / PTI  | B07        |
| <b>LXM28 series with EtherCat Interface (1 phase 110V)</b> |  |            |
| LXM28EUA5M1X   | Lexium 28 110V 50W; PLd Cat.3 / SILcl 2; EtherCAT    | FA5        |
| LXM28EU01M1X   | Lexium 28 110V 100W; PLd Cat.3 / SILcl 2; EtherCAT   | F01        |
| LXM28EU02M1X   | Lexium 28 110V 200W; PLd Cat.3 / SILcl 2; EtherCAT   | F02        |
| LXM28EU04M1X   | Lexium 28 110V 400W; PLd Cat.3 / SILcl 2; EtherCAT   | F04        |
| LXM28EU07M1X   | Lexium 28 110V 750W; PLd Cat.3 / SILcl 2; EtherCAT   | F07        |