

Declaration of conformity



We, Eaton Industries GmbH, 53105 Bonn, Germany,
Hein-Moeller-Str. 7-11, 53115 Bonn, Germany

declare under our sole responsibility as manufacturer that the product (family)

Safety relay - ESR5-NO-31-UC

according to the list on page 2 and provided that it is installed, maintained and used in the application intended for, with respect to the relevant manufacturer's instructions, installation standards and "good engineering practices", complies with the statutory requirements:

- | | |
|---------------|---|
| 2016 No. 1091 | <i>The Electromagnetic Compatibility Regulations 2016</i> |
| 2012 No. 3032 | <i>RoHS in Electrical and Electronic Equipment Regulations 2012</i> |
| 2008 No. 1597 | <i>The Supply of Machinery (Safety) Regulations 2008</i> |

based on compliance with the following standard(s):

- | | |
|---|-----------------|
| EN 50156-1:2015 ¹⁾ | EN 61508-5:2010 |
| EN 50156-2:2015 ²⁾ | EN 61508-6:2010 |
| EN 60947-5-1:2017 + AC:2020 | EN 61508-7:2010 |
| EN 62061:2005 + A1:2013 + A2:2015 + AC:2010 | |
| EN IEC 61000-6-2:2019 | |
| EN IEC 61000-6-4:2019 | |
| EN IEC 63000:2018 | |
| EN ISO 13849-1:2015 | |
| EN 61508-1:2010 | |
| EN 61508-2:2010 | |
| EN 61508-3:2010 | |
| EN 61508-4:2010 | |

1) clauses 4, 6, 7, 10.7.3, 11.2

2) clause 4.2.3

Bonn, 11.05.2022

A blue ink signature of Edgar Willems, written in a cursive style.

i.A. Edgar Willems
Manager Quality Business Line ICP
Power Management & Control Components Division

A blue ink signature of Lars Gundlach, written in a cursive style.

i.A. Lars Gundlach
Head of Product Line Management
Controls & Automation

Types within the range



The declaration of conformity applies to the following types within the product family and in combination with products listed below:

ESR5-NO-31-UC

Supplementary Notes

Max. Safety Level: EN 61508: SIL3, EN62061: SILCL3, EN ISO 13849: Category 4, PL e, certified by TÜV Nord CERT GmbH, Langemarckstraße 20, 45141 Essen, certification-no.44 205 19171401

Authorised Person to compile the technical file:

Eaton Industries GmbH, Hein-Moeller-Str. 7-11, 53115 Bonn, Germany

Bonn, 11.05.2022

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