

We **Hager Electro SAS**  
**BP3**  
**67215 OBERNAI CEDEX - FRANCE**

Declare that the product(s)

Designation

**Earth Leakage Relay & Circular Section Torrids**

Type reference(s)

**HR4xx - HR5xx - HR7xx - HR8xx Range**

Trademark

Hager

is (are) in conformity with the relevant United Kingdom legislation:

- SI 2012/3032 Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (as amended)
  - SI 2016/1091 Electromagnetic Compatibility (EMC) Regulations 2016 (as amended)
  - SI 2016/1101 Electrical Equipment (safety) Regulations 2016 (as amended)
- .....
- .....

Standard(s) and/or relevant document(s) to which conformity is declared

*Standard number + relevant amendments together with the edition dates*

**BS EN 60947-2:2017**

**BS EN 60255-1:2010**

**BS EN IEC 63000:2018**

If applicable, mention here for radio products, the data about notified body. See RE legislation - Annex VI - point 7

**This declaration of conformity is issued under the sole responsibility of the manufacturer.**

**On behalf of Hager Electro SAS - BP3 - 67215 OBERNAI CEDEX - FRANCE**

Name of signatory

Mr Eric Boivin

Function of signatory

Certification Manager

Place and date of issue

Obernai, FR 12/04/2022

Signature



## UKCA DECLARATION OF CONFORMITY

No. UKCA 22.3119.03.22

### Type references

#### HR4 Range

Product Reference	Product Description
HR440	Earth fault relay with integral torroid adjustable sensitivity 25mm <sup>2</sup> max. cable size Adjustable sensitivity I $\Delta$ n - 30mA, 100mA, 300mA, 500mA, 1A & 3A Instant trip or time delay 0.1 - 0.3 - 0.5 - 0.75 - 1 secs
HR441	Earth fault relay with integral torroid adjustable sensitivity 35mm <sup>2</sup> max. cable size Adjustable sensitivity I $\Delta$ n - 30mA, 100mA, 300mA, 500mA, 1A & 3A Instant trip or time delay 0.1 - 0.3 - 0.5 - 0.75 - 1 secs

#### HR5 Range

Product Reference	Product Description
HR500	Earth fault relay C/O contact 5A A.C.1 Instant trip, fixed sensitivity I $\Delta$ n = 30mA
HR502	Earth fault relay C/O contact 5A A.C.1 Instant trip, fixed sensitivity I $\Delta$ n = 300mA
HR510	Earth fault relay C/O contact 6A A.C.1 Adjustable sensitivity I $\Delta$ n = 30mA, 100mA, 300mA 500mA, 1A, 3A, 10A Instant trip or time delay 0.1 - 0.3 - 0.4 - 0.5 - 1 - 3 secs
HR520	Earth fault relay C/O contact 6A A.C.1 Adjustable sensitivity I $\Delta$ n = 30mA, 100mA, 300mA 500mA, 1A, 3A, 10A LED optical scale Instant trip or time delay 0.1 - 0.3 - 0.4 - 0.5 - 1 - 3 secs
HR522	Earth fault relay C/O contact 6A A.C.1 Adjustable sensitivity I $\Delta$ n = 30mA, 100mA, 300mA 500mA, 1A, 3A, 10A LED optical scale Instant trip or time delay 0.1 - 0.2 - 0.25 - 0.3 - 0.4 - 0.5 secs
HR523	Earth fault relay C/O contact 6A A.C.1 Adjustable sensitivity I $\Delta$ n = 500mA, 1A, 3A, 5A, 10A, 20A & 30A LED optical scale Instant trip or time delay 0.1 - 0.2 - 0.25 - 0.3 - 0.4 - 0.5 secs
HR525	Earth fault relay C/O contact 6A A.C.1 Trip / reclose input feature Adjustable sensitivity I $\Delta$ n = 30mA, 100mA, 300mA, 500mA, 1A, 3A, 5A, 10A & 30A LCD Display Instant trip or time delay 0.02 - 0.1 - 0.3 - 0.4 - 0.5 - 1 - 3 - 5 - 10secs
HR534	Earth fault relay C/O contact 6A A.C.1 Solid State relay output Trip / reclose input feature Adjustable sensitivity I $\Delta$ n = 30mA, 100mA, 300mA, 500mA, 1A, 3A, 5A, 10A & 30A LCD Display Instant trip or time delay 0.02 - 0.1 - 0.3 - 0.4 - 0.5 - 1 - 3 - 5 - 10secs

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### Type references

#### HR7 Range

Product Reference	Product Description
HR700	Circular Section Torroids 30mm
HR701	Circular Section Torroids 35mm
HR702	Circular Section Torroids 70mm
HR703	Circular Section Torroids 105mm
HR704	Circular Section Torroids 140mm
HR705	Circular Section Torroids 210mm

#### HR8 Range

Product Reference	Product Description
HR820	Rectangular Split Torroids 20x30mm
HR821	Rectangular Split Torroids 50x80mm
HR822	Rectangular Split Torroids 80x80mm
HR823	Rectangular Split Torroids 80x121mm
HR824	Rectangular Split Torroids 80x161mm
HR830	Rectangular Section Torroids 70x175mm
HR831	Rectangular Section Torroids 115x305mm
HR832	Rectangular Section Torroids 150x350mm

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### Evidence (s)

*Documents listed below have been used in order to establish the conformity to the essential requirements of the relevant legislation*

Evidences approved by: Site:	Engineering Quality / Certification Obernai
Only designated standards published on GOV.UK ( <a href="https://www.gov.uk/guidance/designated-standards">https://www.gov.uk/guidance/designated-standards</a> ) are used:  Scope and classification fully covers the product (case 1 of Hager Group risk analysis):  Comments :	Yes BS EN 60947-2:2017 BS EN 60255-1:2010  Yes  Designated After 2016
Hager Group risk analysis: (Only if there is at least one "No", then you have to explain how you cover the essential requirements and fill the document <u>DMS034433</u> - Hager Group risk analysis)	DMS034433 followed using case 1 of Hager Group method: Designated standard used
Certificate(s) / test report(s):	HR Evidence 1323 Hager
Mark approval(s):	No
Product documentation :	See Hager Website
Comments:	None

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*Documents listed below have been used in order to establish the conformity to the essential requirements of the relevant legislation*

#### Designated Standards

Designated standard UKCA Electrical Equipment (Safety) Regulations 2016:

S.I. 2016 No. 1101	EN 60947-1:2017	Low-voltage switchgear and controlgear - Part 1: General rules	01/01/2021	0009/21
S.I. 2016 No. 1101	EN 60947-2:2017	Low-voltage switchgear and controlgear - Part 2: Circuit-breakers	01/01/2021	0009/21

Designated standard UKCA Electromagnetic Compatibility Regulations 2016:

S.I. 2016 No. 1091	EN 60947-2:2017	Low-voltage switchgear and controlgear - Part 2: Circuit-breakers	01/01/2021	0007/21
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Designated standard UKCA RoHS:

S.I. 2012 No. 3033	EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	01/01/2021	0037/21
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