

**EU DECLARATION OF CONFORMITY No.** 24.3572.05.24

**We** Hager Electro GmbH & Co. KG  
Zum Gunterstal  
66440 BLIESKASTEL - GERMANY

**declare that the product(s)  
designation**

Brass terminals

**type reference(s)**

See pages 2-5

**trademark**

Hager

**Is (are) in conformity with the relevant Union harmonization legislation:**

- Low Voltage Directive (LVD) No. 2014/35/EU

- Directive on the Restriction of the use of certain Hazardous Substances (RoHS) No. 2011/65/EU amended by No. (EU) 2015/863

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

EN 60998-1:2004  
EN 60998-2-1:2004  
EN 60999-1:2000  
EN IEC 63000:2018-12

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

**On behalf of** Hager Electro GmbH & Co. KG - Zum Gunterstal - 66440 BLIESKASTEL - GERMANY

**Name of signatory**

Ian ELLIS

**Function of signatory**

Certification Manager (Enclosure Systems)

**Place and date of issue**

Telford UK, 02.05.2024

**Signature**

*Ian Ellis*

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### Brass terminals without mounting base

Reference	Designation
K140	Brass terminal, 30mm, 2x10mm <sup>2</sup> - 2x16mm <sup>2</sup> , without mounting base
K142	Brass terminal, 49mm, 4x10mm <sup>2</sup> - 3x16mm <sup>2</sup> , without mounting base
K142D	Brass terminal, 49mm, 4x10mm <sup>2</sup> - 3x16mm <sup>2</sup> , without mounting base
K143	Brass terminal, 67mm, 5x10mm <sup>2</sup> - 5x16mm <sup>2</sup> , without mounting base
K144	Brass terminal, 73mm, 6x10mm <sup>2</sup> - 5x16mm <sup>2</sup> , without mounting base
K145	Brass terminal, 8x10mm <sup>2</sup> - 2x16mm <sup>2</sup> (double drive) , without mounting base
K148	Brass terminal, 85mm, 7x10mm <sup>2</sup> - 6x16mm <sup>2</sup> , without mounting base
K151	Brass terminal, 85mm, 1x25mm <sup>2</sup> - 5x10mm <sup>2</sup> - 5x16mm <sup>2</sup> , without mounting base
K156	Brass terminal, 121mm, 1x25mm <sup>2</sup> - 4x16mm <sup>2</sup> - 12x10mm <sup>2</sup> , without mounting base
K158	Brass terminal, 169mm, 1x25mm <sup>2</sup> - 13x10mm <sup>2</sup> - 11x16mm <sup>2</sup> , without mounting base
K159	Brass terminal, 242mm, 1x25mm <sup>2</sup> - 31x10mm <sup>2</sup> - 8x16mm <sup>2</sup> , without mounting base
KM07G	Brass terminal, 49mm, 2x10mm <sup>2</sup> - 2x16mm <sup>2</sup> , without mounting base
KM10C	Brass terminal, 5x10mm <sup>2</sup> - 5x16mm <sup>2</sup> , without mounting base
KM10D	Brass terminal, 67mm, 7x10mm <sup>2</sup> - 5x16mm <sup>2</sup> , without mounting base
KM10F	Brass terminal, 67mm, 5x10mm <sup>2</sup> - 5x16mm <sup>2</sup> , without mounting base
VKG94T	Extension brass terminals, vision, 2 pieces, brass, for group box
VKG95T	Extension brass terminals, vision, 1 pieces, brass

### Brass terminals with mounting base

Reference	Designation
KM04G	Brass terminal, 2x10mm <sup>2</sup> /2x16mm <sup>2</sup> , with mounting base, colour: brown
KM04L	Brass terminal, 2x10mm <sup>2</sup> /2x16mm <sup>2</sup> , with mounting base, colour: brown
KM06E	Brass terminal, 1x25mm <sup>2</sup> 3x10mm <sup>2</sup> 2x16mm <sup>2</sup> ,with mounting base, colour: green
KM06N	Brass terminal, 1x25mm <sup>2</sup> 3x10mm <sup>2</sup> 2x16mm <sup>2</sup> , with mounting base, colour: blue
KM07E	Brass terminal, 4x10mm <sup>2</sup> 3x16mm <sup>2</sup> , with mounting base, colour: green
KM07L	Brass terminal, 4x10mm <sup>2</sup> 3x16mm <sup>2</sup> , with mounting base, colour: brown
KM07N	Brass terminal, 4x10mm <sup>2</sup> 3x16mm <sup>2</sup> , with mounting base, colour: blue
KM08L	Brass terminal, 4x10mm <sup>2</sup> 4x16mm <sup>2</sup> , with mounting base, colour: brown
KM10A	Brass terminal, 5x10mm <sup>2</sup> 5x16mm <sup>2</sup> , with mounting base, colour: blue
KM10B	Brass terminal, 5x10mm <sup>2</sup> 5x16mm <sup>2</sup> , with mounting base, colour: green
KM10E	Brass terminal, 8x10mm <sup>2</sup> -2x16mm <sup>2</sup> (double drive), with mounting base, colour: green
KM10N	Brass terminal, 8x10mm <sup>2</sup> -2x16mm <sup>2</sup> (double drive), with mounting base, colour: blue
KM11B	Brass terminal, 1x25mm <sup>2</sup> 5x10mm <sup>2</sup> 5x16mm <sup>2</sup> , with mounting base, colour: green
KM11E	Brass terminal, 5x10mm <sup>2</sup> 5x16mm <sup>2</sup> , with mounting base, colour: green
KM11N	Brass terminal, 5x10mm <sup>2</sup> 5x16mm <sup>2</sup> , with mounting base, colour: blue

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KM13E	Brass terminal, 7x10mm <sup>2</sup> 6x16mm <sup>2</sup> , with mounting base, colour: green
KM13N	Brass terminal, 7x10mm <sup>2</sup> 6x16mm <sup>2</sup> , with mounting base, colour: blue
KM17E	Brass terminal, 1x25mm <sup>2</sup> 8x10mm <sup>2</sup> 8x16mm <sup>2</sup> , with mounting base, colour: green
KM17N	Brass terminal, 1x25mm <sup>2</sup> 8x10mm <sup>2</sup> 8x16mm <sup>2</sup> , with mounting base, colour: blue
KM25E	Brass terminal, 1x25mm <sup>2</sup> 13x10mm <sup>2</sup> 11x16mm <sup>2</sup> , with mounting base, colour: green
KM25EG	Brass terminal, 1x25mm <sup>2</sup> 20x10mm <sup>2</sup> 4x16mm <sup>2</sup> , with mounting base, colour: green
KM25N	Brass terminal, 1x25mm <sup>2</sup> 13x10mm <sup>2</sup> 11x16mm <sup>2</sup> , with mounting base, colour: blue

### Mounting base for brass terminals

Reference	Designation
KZ012	Mounting base for brass terminals, colour: blue
KZ013	Mounting base for brass terminals, colour: green
KZ014	Mounting base for brass terminals, colour: brown
VKG92T	Clamp holder, vision, additional, RAL 9010
VKG93T	Terminal cover, vision, for terminal support, transparent

### Insulation material for mounting base

Reference	Part designation	Description
KZ012	1KZ04200	Material for mounting base for brass terminals, colour: blue
KZ013	1KZ04300	Material for mounting base for brass terminals, colour: green
KZ014	1KZ04400	Material for mounting base for brass terminals, colour: brown
KZ013	1KZ04300	Material for mounting base for brass terminals, colour: green / yellow
N/A	N/A	Material for mounting base, colour: white

### Brass terminals

Reference	Designation
KM10L	Brass terminal, 8x10mm <sup>2</sup> 2x16mm <sup>2</sup> , Line
KM11L	Brass terminal, 7x10mm <sup>2</sup> 4x16mm <sup>2</sup> , Line
KM14N	Brass terminal, 8x10mm <sup>2</sup> 6x16mm <sup>2</sup> , Neutral
KM17G	Brass terminal, 1x25mm <sup>2</sup> 12x10mm <sup>2</sup> 4x16mm <sup>2</sup>
KM17M	Brass terminal, 9x10mm <sup>2</sup> 8x16mm <sup>2</sup> , Earth

### Designated brass terminals

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Reference	Designation
KM05B	PE/N terminal, univers Z, 4x5 clamping points, 2x6/2x10/1x25mm <sup>2</sup> , with clamp for 25mm <sup>2</sup>
GZ04E	PE-terminal, mini gamma, 4 connections
GZ04N	N-terminal, mini gamma, 4 connections
GZ07E	PE-terminal, mini gamma, 7 connections
GZ07N	N-terminal, mini gamma, 7 connections
KM05C	PE/N terminal, univers Z, 2x5 clamping points, 2x6/2x10/1x25mm <sup>2</sup> , with clamp for 25 mm <sup>2</sup>
KM13A	PE/N terminal, univers Z, 2x13 clamping points, 6x16/7x10 mm <sup>2</sup>
KM22A	PE/N terminal, univers Z, 2x22 clamping points, 10x16/12x10 mm <sup>2</sup>
KM25A	PE/N terminal, univers Z, 2x25 clamping points, 11x16/14x10 mm <sup>2</sup>
KM25T	PE terminal Norway
VKG90T	Terminal, vision, set, L1-N-E
VKG91T	Terminal, vision, set, L1-L2-L3-L3-N-E
VKG97T	Renovation kit, Vision, with slider 0 mm
VKG98T	slider, vision, with terminal & cable, external PE
VZ521	PE/N-terminal support, volta, 13 terminals
VZ522	PE/N-terminal support, volta, 17 terminals
VZ524	PE/N-terminal support, volta, 25 terminals

### Terminal strips

Reference	Designation
K160F	Terminal strip 482mm 78X10/16mm
K162F	Terminal strip 992mm 163X10/16mm

### Terminal bars

Reference	Designation
5B005201	Brass terminal bar for PEN
5B004500	Brass terminal bar
5B004800	Brass terminal bar for 50017200
5KM004R1	Brass terminal bar 26 mm with screwed wire protection, righthand side
5KM00400	Brass terminal bar 30 mm with screws
5KM004R0	Brass terminal bar 30 mm with screwed wire protection, righthand side
5KM004L0	Brass terminal bar 30 mm with screwed wire protection, lefthand side
5KM00601	Brass terminal bar 30 mm with screws
5KM007R1	Brass terminal bar 43 mm with screwed wire protection, righthand side
5KM00700	Brass terminal bar 49 mm with screws
5KM007R0	Brass terminal bar 49 mm with screwed wire protection, righthand side
5KM007L0	Brass terminal bar 49 mm with screwed wire protection, lefthand side
5KM00900	Brass terminal bar 61 mm with screws
5KM009R0	Brass terminal bar 49 mm with screwed wire protection, righthand side
5KM009L0	Brass terminal bar 49 mm with screwed wire protection, lefthand side
5KM01000	Brass terminal bar 67 mm with screws

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5KM01100	Brass terminal bar 73 mm with screws
5KM01300	Brass terminal bar 85 mm with screws
5KM01400	Brass terminal bar 91 mm with screws
5KM01700	Brass terminal bar 115 mm with screws
5KM02200	Brass terminal bar 145 mm with screws
5KM02500	Brass terminal bar 163 mm with screws
5KM06400	Brass terminal bar 121 mm with screws
5KM105L0	Brass terminal bar 43 mm with screwed wire protection, lefthand side
5KM105R0	Brass terminal bar 43 mm with screwed wire protection, righthand side
5KM10500	Brass terminal bar 43 mm with screws
5KM10600	Brass terminal bar 49 mm with screwed wire protection
5KM113R0	Brass terminal bar 91 mm with screwed wire protection, righthand side
5KM113L0	Brass terminal bar 91 mm with screwed wire protection, lefthand side
5KM11100	Brass terminal bar 79,5 mm with screws
5KM11300	Brass terminal bar 91 mm with screws
5KM11700	Brass terminal bar 115 mm with screwed wire protection
5KM117R0	Brass terminal bar 115 mm with screwed wire protection, righthand side
5KM117L0	Brass terminal bar 115 mm with screwed wire protection, lefthand side
5KM12200	Brass terminal bar 145 mm with screwed wire protection
5KM122L0	Brass terminal bar 145 mm with screwed wire protection, lefthand side
5KM12300	Brass terminal bar 169 mm with screwed wire protection
5KM12500	Brass terminal bar 163 mm with screwed wire protection
5KM125L0	Brass terminal bar 163 mm with screwed wire protection, lefthand side
5KM16100	Brass terminal bar 85 mm 1 with screwed wire protection
5KM16700	Brass terminal bar 121 mm 1 with screwed wire protection
5KM17200	Brass terminal bar 151 mm 1 with screwed wire protection
5O017200	Line terminal pre-mounted

### Applied Risk Assessment(s)

Documents listed below have been developed to assure that all essential requirements of applied directive(s) are fulfilled:

If the product is not in the scope of Radio Equipment directive, fulfil table 1a, if yes fulfil table 1b.

Table 1a Risk Assessment for <b>Equipment without Radio</b>	Applicable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Only harmonized standard(s) published on the OJEU (Official journal of European union: <a href="https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards_en">https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards_en</a> ) are used:	No
Scope and classification fully covers the product (case 1 of Hager Group risk analysis) :	No
Comments :	
Hager Group risk analysis: (Only if there is at least one "No", then you have to explain how you cover the essential requirements of the European Directive and fill the document <a href="#">DMS034433</a> - Hager Group risk analysis)	Risk assessment brass terminals

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Table 1b Risk Assessment for <b>Radio equipment</b>	Applicable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Hager Group risk assessment: Fill document DMS063155	

### Evidence(s)

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

Certificate(s) / test report(s):	Test reports VDE, Mini Gamma brass terminals: VDE_Test-Report_272814_TL3_6  Test reports VDE: VDE_Test-Report_Safety_301553_TL3_1_2022-12-14_  Test reports KEMA KEUR: Test report 2248635.50.F Annex 4_ Extra tests according IEC60999-1_F VAL230220687_A_Connecting devices VAL230220942  RoHS: RoHS brass terminals with mounting base RoHS brass terminals without mounting base RoHS brass terminals RoHS designated brass terminals RoHS mounting base for brass terminals RoHS terminal bars RoHS terminal strips RoHS KM14N RoHS volta terminals
Mark approval(s):	None
Product documentation :	Instruction leaflet: 6LE008262A
Comments:	/

#### Signature (technical design)

**Name of signatory**

Thierry LIENHARDT

**Function of signatory**

Engineering Director / Manager or delegate  
Product Engineering Director

**Place and date of issue**

Obernai, 02.05.2024

**Signature**

