

UKCA DECLARATION OF CONFORMITY No. UKCA 23.3658.12.23

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

Declare that the product(s)

Designation

Brass terminals / Messingklemmen

Type reference(s)

See pages 2 - 7 / Siehe Seiten

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 2016/1101 Electrical Equipment (safety) Regulations 2016 (as amended)

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

Standard number + relevant amendments together with the edition dates

BS EN 60998-1:2004

BS EN 60998-2-1:2004

BS EN 60999-1:2000

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 GmbH & Co. KG

Name of signatory

Ian Ellis

Function of signatory

Certification Manager (Enclosure Systems)

Place and date of issue

Telford, UK 21/12/2023

Signature

Ian Ellis

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Type references

Referenz / reference	Bezeichnung	Designation
K140	Messingschienenklemme, 30mm, 2x10mm² - 2x16mm², ohne Montagesockel	Brass terminal, 30mm, 2x10mm ² - 2x16mm ² , without mounting base
K142	Messingschienenklemme, 49mm, 4x10mm² - 3x16mm², ohne Montagesockel	Brass terminal, 49mm, 4x10mm ² - 3x16mm ² , without mounting base
K142D	Messingschienenklemme, 49mm, 4x10mm² - 3x16mm², ohne Montagesockel	Brass terminal, 49mm, 4x10mm ² - 3x16mm ² , without mounting base
K143	Messingschienenklemme, 67mm, 5x10mm² - 5x16mm², ohne Montagesockel	Brass terminal, 67mm, 5x10mm ² - 5x16mm ² , without mounting base
K144	Messingschienenklemme, 73mm, 6x10mm² - 5x16mm², ohne Montagesockel	Brass terminal, 73mm, 6x10mm ² - 5x16mm ² , without mounting base
K145	Messingschienenklemme, 8x10mm² - 2x16mm²(Doppelantrieb) , ohne Montagesockel	Brass terminal, 8x10mm ² - 2x16mm ² (double drive) , without mounting base
K148	Messingschienenklemme, 85mm, 7x10mm² - 6x16mm², ohne Montagesockel	Brass terminal, 85mm, 7x10mm ² - 6x16mm ² , without mounting base
K151	Messingschienenklemme, 85mm, 1x25mm² - 5x10mm² - 5x16mm², ohne Montagesockel	Brass terminal, 85mm, 1x25mm ² - 5x10mm ² - 5x16mm ² , without mounting base
K156	Messingschienenklemme, 121mm, 1x25mm² - 12x10mm² - 4x16mm², ohne Montagesockel	Brass terminal, 121mm, 1x25mm ² - 4x16mm ² - 12x10mm ² , without mounting base
K158	Messingschienenklemme 169mm 1x25-11x16-13x10mm²,ohne Montagesockel	Brass terminal, 169mm, 1x25mm ² - 13x10mm ² - 11x16mm ² , without mounting base
K159	Messingschienenklemme 242mm 1x25-8x16-31x10mm²,ohne Montagesockel	Brass terminal, 242mm, 1x25mm ² - 31x10mm ² - 8x16mm ² , without mounting base
KM07G	Messingschienenklemme, 49mm, 4x10mm² - 3x16mm², ohne Montagesockel	Brass terminal, 49mm, 2x10mm ² - 2x16mm ² , without mounting base
KM10C	Messingschienenklemme, 5x10mm² - 5x16mm², ohne Montagesockel	Brass terminal, 5x10mm ² - 5x16mm ² , without mounting base
KM10D	Messingschienenklemme, 67mm, 7x10mm² - 5x16mm², ohne Montagesockel	Brass terminal, 67mm, 7x10mm ² - 5x16mm ² , without mounting base
KM10F	Messingschienenklemme, 67mm, 5x10mm² - 5x16mm², ohne Montagesockel	Brass terminal, 67mm, 5x10mm ² - 5x16mm ² , without mounting base

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VKG94T	Erweiterungsanschlussklemmen, Vision, 2 Stück, Messing, für Gruppenkasten	<i>Extension brass terminals, Vision, 2 pieces, brass, for group box</i>
VKG95T	Erweiterungsanschlussklemmen, Vision, 1 Stück, Messing	<i>Extension brass terminals, Vision, 1 pieces, brass</i>

Messingklemmen mit Sockel / Brass terminals with mounting base

Referenz / reference	Bezeichnung	Designation
KM04G	Messingschienenklemme mit Sockel, 2x10²/2x16², Farbe: Braun	<i>Brass terminal, 2x10mm²/2x16mm², with mounting base, Color: brown</i>
KM04L	Messingschienenklemme mit Sockel, 2x10²/2x16², Farbe: Braun	<i>Brass terminal, 2x10mm²/2x16mm², with mounting base, Color: brown</i>
KM06E	Messingklemme, NZ-Zählertafel, PE, 6 Klemm-Messingstellen	<i>Brass terminal, 1x25mm² 3x10mm² 2x16mm², with mounting base, Color: green</i>
KM06N	Messingklemme, NZ-Zählertafel, N, 6 Klemm-Messingstellen	<i>Brass terminal, 1x25mm² 3x10mm² 2x16mm², with mounting base, Color: blue</i>
KM07E	Messingklemme, NZ-Zählertafel, PE, 7 Klemm-Messingstellen	<i>Brass terminal, 4x10mm² 3x16mm², with mounting base, Color: green</i>
KM07L	Messingschienenklemme mit Sockel, 4x10² 3x16², Farbe: Braun	<i>Brass terminal, 4x10mm² 3x16mm², with mounting base, Color: brown</i>
KM07N	Messingklemme, NZ-Zählertafel, N, 7 Klemm-Messingstellen	<i>Brass terminal, 4x10mm² 3x16mm², with mounting base, Color: blue</i>
KM08L	Messingschienenklemme mit Sockel, 4x10mm² 4x16mm², Farbe: Braun	<i>Brass terminal, 4x10mm² 4x16mm², with mounting base, Color: brown</i>
KM10A	Messingschienenklemme mit Sockel, 5x10mm² 5x16mm², Farbe: Blau	<i>Brass terminal, 5x10mm² 5x16mm², with mounting base, Color: blue</i>
KM10B	Messingschienenklemme mit Sockel, 5x10mm² 5x16mm², Farbe: Grün	<i>Brass terminal, 5x10mm² 5x16mm², with mounting base, Color: green</i>
KM10E	Messingklemme, NZ-Zählertafel, PE, 10 Klemm-Messingstellen	<i>Brass terminal, 8x10mm² -2x16mm²(double drive), with mounting base, Color: green</i>
KM10N	Messingklemme, NZ-Zählertafel, N, 10 Klemm-Messingstellen	<i>Brass terminal, 8x10mm² -2x16mm²(double drive), with mounting base, Color: blue</i>
KM11B	Messingschienenklemme mit Sockel, 1x25² 5x10² 5x16², Farbe: Grün	<i>Brass terminal, 1x25mm² 5x10mm² 5x16mm², with mounting base, Color: green</i>
KM11E	Messingklemme, NZ-Zählertafel, PE, 11 Klemm-Messingstellen	<i>Brass terminal, 5x10mm² 5x16mm², with mounting base, Color: green</i>
KM11N	Messingklemme, NZ-Zählertafel, N, 11 Klemm-Messingstellen	<i>Brass terminal, 5x10mm² 5x16mm², with mounting base, Color: blue</i>
KM13E	Messingklemme, NZ-Zählertafel, PE, 13 Klemm-Messingstellen	<i>Brass terminal, 7x10mm² 6x16mm², with mounting base, Color: green</i>
KM13N	Messingklemme, NZ-Zählertafel, N, 13 Klemm-Messingstellen	<i>Brass terminal, 7x10mm² 6x16mm², with mounting base, Color: blue</i>
KM17E	Messingklemme, NZ-Zählertafel, PE, 17 Klemm-Messingstellen	<i>Brass terminal, 1x25mm² 8x10mm² 8x16mm², with mounting base, Color: green</i>

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KM17N	Messingklemme, NZ-Zählertafel, N, 17 Klemm-Messingstellen	Brass terminal, 1x25mm ² 8x10mm ² 8x16mm ² ,with mounting base, Color: blue
KM25E	Messingklemme, NZ-Zählertafel, PE, 25 Klemm-Messingstellen	Brass terminal, 1x25mm ² 13x10mm ² 11x16mm ² ,with mounting base, Color: green
KM25EG	Messingschienenklemme, 1x25² 20x10² 4x16²,PE	Brass terminal, 1x25mm ² 20x10mm ² 4x16mm ² ,with mounting base, Color: green
KM25N	Messingklemme, NZ-Zählertafel, N, 25 Klemm-Messingstellen	Brass terminal, 1x25mm ² 13x10mm ² 11x16mm ² ,with mounting base, Color: blue

Sockel für Messingklemmen / mounting base for brass terminals

Referenz / reference	Bezeichnung	Designation
KZ012	Sockel für Messingklemmen, Farbe: blau	Mounting base f. brass terminals, Colour: blue
KZ013	Sockel für Messingklemmen, Farbe: grün-gelb	Mounting base f. brass terminals, Colour: green
KZ014	Sockel für Messingklemmen, Farbe: braun	Mounting base f. brass terminals, Colour: brown
VKG92T	Zusatz Klemmenträger, Vision, RAL 9010	Clamp holder, Vision, additional,RAL 9010
VKG93T	Klemmenabdeckung, Vision, f. Klemmenträger,klarsicht	Terminal cover, Vision, f. terminal support,transparent

Werkstoffe für Messingklemmensockel / materials for mounting base

Referenz / reference	Komponentenbezeichnung / part designation	Bezeichnung	Description
KZ012	1KZ04200	Material für Montagesockel f. Messingklemmen, Farbe: blau	Material for mounting base f. brass terminals, Colour: blue
KZ013	1KZ04300	Material für Montagesockel f. Messingklemmen, Farbe: grün	Material for mounting base f. brass terminals, Colour: green
KZ014	1KZ04400	Material für Montagesockel f. Messingklemmen, Farbe: braun	Material for mounting base f. brass terminals, Colour: brown
KZ013	1KZ04300	Material für Montagesockel f. Messingklemmen, Farbe: gelb	Material for mounting base f. brass terminals, Colour: green / yellow
N/A	N/A	Material für Montagesockel f. Messingklemmen, Farbe: weiß	Material for mounting base, Colour: white

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Messingklemmen / Brass terminals

Referenz / reference	Bezeichnung	Designation
KM10L	Messingschienenklemme, 8x10² 2x16² Phase	Brass terminal, 8x10mm ² 2x16mm ² , Phase
KM11L	Messingschienenklemme, 7x10² 4x16² Phase	Brass terminal, 7x10mm ² 4x16mm ² , Phase
KM14N	Messingschienenklemme, 8x10² 6x16² Neutral	Brass terminal, 8x10mm ² 6x16mm ² , Neutral
KM17G	Messingschienenklemme, 121 mm 1x25² 12x10² 4x16²	Brass terminal, 1x25mm ² 12x10mm ² 4x16mm ²
KM17M	Messingschienenklemme, 115 mm, 9x10² 8x16² PE	Brass terminal, 9x10mm ² 8x16mm ² , Earth

Spezielle Messingklemmen / Designated brass terminals

Referenz / reference	Bezeichnung	Designation
KM05B	PE/N-Klemme, universZ, 4x5 Klemm-Messingstellen, 2x6/2x10/1x25mm², mit Schelle für 25 mm²	PE/N Terminal, universZ, 4x5 clamping points, 2x6/2x10/1x25mm ² , with clamp for 25mm ²
GZ04E	PE-Klemme, mini gamma, 4 Klemm- Messingstellen	PE-terminal, mini gamma, 4 connections
GZ04N	N-Klemme, mini gamma, 4 Klemm- Messingstellen	N-terminal, mini gamma, 4 connections
GZ07E	PE-Klemme, mini gamma, 7 Klemm- Messingstellen	PE-terminal, mini gamma, 7 connections
GZ07N	N-Klemme, mini gamma, 7 Klemm- Messingstellen	N-terminal, mini gamma, 7 connections
KM05C	PE/N-Klemme, universZ, 2x5 Klemm-Messingstellen, 2x6/2x10/1x25mm², mit Schelle für 25 mm²	PE/N Terminal, universZ, 2x5 clamping points, 2x6/2x10/1x25mm ² , with clamp for 25 mm ²
KM13A	PE/N-Klemme, univers Z, 2x13 Klemm-Messingstellen, 6x16/7x10 mm²	PE/N Terminal, universZ, 2x13 clamping points, 6x16/7x10 mm ²
KM22A	PE/N-Klemme, univers Z, 2x22 Klemm- Messingstellen, 10x16/12x10 mm²	PE/N Terminal, univers Z, 2x22 clamping points, 10x16/12x10 mm ²
KM25A	PE/N-Klemme, univers Z, 2x25 Klemm- Messingstellen, 11x16/14x10 mm²	PE/N Terminal, univers Z, 2x25 clamping points, 11x16/14x10 mm ²
KM25T	PE Klemme Norwegen	PE terminal Norway
VKG90T	Verteilklemmen, Vision, Satz, L1-N- E	Terminal, Vision, set, L1-N-E
VKG91T	Verteilklemmen, Vision, Satz, L1- L2-L3-N-E	Terminal, Vision, set, L1-L2-L3-L3-N-E

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VKG97T	Renovierungssatz, Vision, mit Schieber	<i>Renovation kit, Vision, with slider 0 mm</i>
VKG98T	Schieber, Vision, mit Klemme & Leitung, extern PE	<i>slider, Vision, with terminal & cable, external PE</i>

Messingklemmenstreifen / Terminal strips

Referenz / reference	Bezeichnung	Designation
K160F	Klemme, 482mm, mit 78 Klemm-Messingstellen	<i>Terminal strip 482mm 78X10/16mm</i>
K162F	Klemme 992mm, mit 163 Klemm-Messingstellen	<i>Terminal strip 992mm 163X10/16mm</i>

Messingprofile / Terminal bars

Referenz / reference	Bezeichnung	Designation
5B005201	Messingschiene für PEN Schiene	<i>Brass terminal bar for PEN</i>
5B004500	Messingschiene	<i>Brass terminal bar</i>
5B004800	Messingschiene für 5O017200	<i>Brass terminal bar for 5O017200</i>
5KM004R1	Messingschiene 26 mm mit Schrauben-Drahtschutz rechts	<i>Brass terminal bar 26 mm with screwed wire protection, righthand side</i>
5KM00400	Messingschiene 30 mm mit Schrauben	<i>Brass terminal bar 30 mm with screws</i>
5KM004R0	Messingschiene 30 mm mit Schrauben-Drahtschutz rechts	<i>Brass terminal bar 30 mm with screwed wire protection, righthand side</i>
5KM004L0	Messingschiene 30 mm mit Schrauben-Drahtschutz links	<i>Brass terminal bar 30 mm with screwed wire protection, lefthand side</i>
5KM00601	Messingschiene 30 mm mit Schrauben	<i>Brass terminal bar 30 mm with screws</i>
5KM007R1	Messingschiene 43 mm mit Schrauben-Drahtschutz rechts	<i>Brass terminal bar 43 mm with screwed wire protection, righthand side</i>
5KM00700	Messingschiene 49 mm mit Schrauben	<i>Brass terminal bar 49 mm with screws</i>
5KM007R0	Messingschiene 49 mm mit Schrauben-Drahtschutz rechts	<i>Brass terminal bar 49 mm with screwed wire protection, righthand side</i>
5KM007L0	Messingschiene 49 mm mit Schrauben-Drahtschutz links	<i>Brass terminal bar 49 mm with screwed wire protection, lefthand side</i>
5KM00900	Messingschiene 61 mm mit Schrauben	<i>Brass terminal bar 61 mm with screws</i>
5KM009R0	Messingschiene 61 mm mit Schrauben-Drahtschutz rechts	<i>Brass terminal bar 49 mm with screwed wire protection, righthand side</i>
5KM009L0	Messingschiene 61 mm mit Schrauben-Drahtschutz links	<i>Brass terminal bar 49 mm with screwed wire protection, lefthand side</i>
5KM01000	Messingschiene 67 mm mit Schrauben	<i>Brass terminal bar 67 mm with screws</i>
5KM01100	Messingschiene 73 mm mit Schrauben	<i>Brass terminal bar 73 mm with screws</i>

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5KM01300	Messingschiene 85 mm mit Schrauben	<i>Brass terminal bar 85 mm with screws</i>
5KM01400	Messingschiene 91 mm mit Schrauben	<i>Brass terminal bar 91 mm with screws</i>
5KM01700	Messingschiene 115 mm mit Schrauben	<i>Brass terminal bar 115 mm with screws</i>
5KM02200	Messingschiene 145 mm mit Schrauben	<i>Brass terminal bar 145 mm with screws</i>
5KM02500	Messingschiene 163 mm mit Schrauben	<i>Brass terminal bar 163 mm with screws</i>
5KM06400	Messingschiene 121 mm mit Schrauben	<i>Brass terminal bar 121 mm with screws</i>
5KM105L0	Messingschiene 43 mm mit Schrauben-Drahtschutz links	<i>Brass terminal bar 43 mm with screwed wire protection, lefthand side</i>
5KM105R0	Messingschiene 43 mm mit Schrauben-Drahtschutz rechts	<i>Brass terminal bar 43 mm with screwed wire protection, righthand side</i>
5KM10500	Messingschiene 43 mm mit Schrauben	<i>Brass terminal bar 43 mm with screws</i>
5KM10600	Messingschiene 49 mm mit Schelle-Schrauben	<i>Brass terminal bar 49 mm with screwed wire protection</i>
5KM113R0	Messingschiene 91 mm mit Schrauben-Drahtschutz rechts	<i>Brass terminal bar 91 mm with screwed wire protection, righthand side</i>
5KM113L0	Messingschiene 91 mm mit Schrauben-Drahtschutz links	<i>Brass terminal bar 91 mm with screwed wire protection, lefthand side</i>
5KM11100	Messingschiene 79,5 mm mit Schrauben	<i>Brass terminal bar 79,5 mm with screws</i>
5KM11300	Messingschiene 91 mm mit Schrauben	<i>Brass terminal bar 91 mm with screws</i>
5KM11700	Messingschiene 115 mm Schelle-Schrauben	<i>Brass terminal bar 115 mm with screwed wire protection</i>
5KM117R0	Messingschiene 115 mm mit Schrauben-Drahtschutz rechts	<i>Brass terminal bar 115 mm with screwed wire protection, righthand side</i>
5KM117L0	Messingschiene 115 mm mit Schrauben-Drahtschutz links	<i>Brass terminal bar 115 mm with screwed wire protection, lefthand side</i>
5KM12200	Messingschiene 145 mm Schelle-Schrauben	<i>Brass terminal bar 145 mm with screwed wire protection</i>
5KM122L0	Messingschiene 145 mm mit Schrauben-Drahtschutz links	<i>Brass terminal bar 145 mm with screwed wire protection, lefthand side</i>
5KM12300	Messingschiene 169 mm 1 Schelle-Schrauben	<i>Brass terminal bar 169 mm with screwed wire protection</i>
5KM12500	Messingschiene 163 mm 1 Schelle-Schrauben	<i>Brass terminal bar 163 mm with screwed wire protection</i>
5KM125L0	Messingschiene 163 mm mit Schrauben-Drahtschutz links	<i>Brass terminal bar 163 mm with screwed wire protection, lefthand side</i>
5KM16100	Messingschiene 85 mm 1 Schelle-Schrauben	<i>Brass terminal bar 85 mm 1 with screwed wire protection</i>
5KM16700	Messingschiene 121 mm 1 Schelle-Schrauben	<i>Brass terminal bar 121 mm 1 with screwed wire protection</i>
5KM17200	Messingschiene 151 mm 1 Schelle-Schrauben	<i>Brass terminal bar 151 mm 1 with screwed wire protection</i>
5O017200	Phasenklemme vormontiert	<i>Phase terminal premounted</i>

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Evidence(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.

Table 1a Risk Assessment for Equipment without Radio		Applicable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Only designated standards published on GOV.UK (https://www.gov.uk/guidance/designated-standards) are used:	Yes		
Scope and classification fully covers the product (case 1 of Hager Group risk analysis) :	Yes		
Comments :	Designated Before 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: Risk assessment brass terminals.pdf		

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

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Evidence(s) / 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
Mark approval(s):	None
Product documentation :	6LE008262A
Comments:	None

Signature (technical design)

Name of signatory

Thierry Lienhardt

Function of signatory

Enclosure Systems Product Engineering Director

Place and date of issue

Obernai, FR 21/12/2023

Signature

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Designated Standards

Designated standard UKCA Electrical Equipment (Safety) Regulations 2016:

S.I. 2016 No. 1101	EN 60998-1:2004	Connecting devices for low-voltage circuits for household and similar purposes - Part 1: General requirements	01/01/2021	0009/21
S.I. 2016 No. 1101	EN 60998-2-1:2004	Connecting devices for low-voltage circuits for household and similar purposes - Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units	01/01/2021	0009/21
S.I. 2016 No. 1101	EN 60999-1:2000	Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units - Part 1: General requirements and particular requirements for clamping units for conductors from 0,2 mm ² up to 35 mm ² (included)	01/01/2021	0009/21

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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