

Certificate of Compliance

Certificate Number(s):

UL-US-L48031-11-51116991-
2

Report Reference:

E48031-19961115

Issue Date:

2025-07-31

Issued to:

Paul Vahle GmbH & Co. KG
Westicker Str. 52, Kamen, 59174, DE

This certificate confirms that representative samples of:

ELPX - Crane and Hoist Electrification Systems

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

UL 508, 18th Ed., Issue Date: 2018-03-30

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



David Piecuch
UL Mark Certification Program Manager



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-US-L48031-11-51116991-2
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Cable Clamp

Model(s): KBK

Collector Bracket

Model(s): UMV12

Collector Cable

Model(s): AL-FLFLA6, AL-FLFLA 2.5, AL-FLFLA 4, WFLA 2.5, AL-FLWFLA 2.5, FLA6, FLA 2.5, FLA 4

Collector Tow Arm

Model(s): UMA12S, UMA12H

Contact Conductor

Model(s): VKS 7,8,9,10/240, VKS 3-10/63, VKS 3,4,5,6,7,8,9,10#/140, VKS 3,4,5,6,7,8,9,10/100, VKS 3-10/60, VKS 3, 4, 5, 6, 7, 8, 9, 10/63, VKS 7,8,9,10/280, VKS 3, 4, 5, 6, 7, 8, 9, 10/60, VKS 6-10/120, VKS 3, 4, 5, 6, 7, 8, 9, 10/10, VKS 7,8,9,10/200, VKS 3,4,5,6,7,8,9,10/120

Current Collector

Model(s): SA-KDSTLU30, 80, 120, SA-KST 30, 55, 80, SA-KST15, 40, 60, SKID63, SA-KSTLU15, 40, 60, SA-KST2/40, SA-KSTL15, 40, 60, SA-KST20, SA-FST6, 6R, SA-KDS 2/40 -2-18, -3-18, -4-18, -5-18, -6-18, SA-KST25, SA-KSF/KSFU25-2, -3, -4, -5, -6, 6R, SA-KDST30, 80, 120, SA-KDSTL30, 80, 120

Model(s): SA-KES/KESR/KESL 32, 40, 55, 63 *Followed by S for bolted connection or F for receptacles (*KDES/KDESR/KDESL*)*

Dead Section

Model(s): VSTS10-60, 100, 120, 140

Double Transfer Funnel

Model(s): DSE 1-10

End Feed Terminal

Model(s): VEKS 3, 4, 5, 6/100 R or L, ES-VEKS 7, 8, 9, 10#/140 R or L, ES-VEKS 3, 4, 5, 6/63 R or L, ES-VEKS 3, 4, 5, 6/120 R or L, ES-VEKS 3, 4, 5, 6/100 R or L, VEKS 3, 4, 5, 6/60 R or L, ES-VEKS 7, VEKS 3, 4, 5, 6/10 R or L, VEKS 7, ES-VEKS 3, 4, 5, 6/10 R or L, VEKS 7, 8, 9, 10#/140 R or L

Expansion Section

Model(s): DVKS 3, 4/60, DVKS 3, 4/100, DVKS 3, 4/63, DVKS 3, 4/120, DVKS 3, 4/10



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Hanger

Model(s): VES 3, 4, 6, VAS 3, 4, 6, VEPS 3, 4, 6, 10

Joint

Model(s): VM-SV 3,4,5,6/100-120, VM-SV 3,4,5,6,7,8,9,10/63-100, SVN 3,4,5,6,7,8,9,10/60-100, SVN 3,4,5,6,7,8,9,10#/120-140, SVN 3,4,5,6/100-120, VM-SV 3,4,5,6,7,8,9,10#/120-140, VM-SV 3,4,5,6/10-63, SVN 3,4,5,6/10-60

Line Feed Terminal

Model(s): VLS 3, 4, 5, 6, 10/100, ES-VLS 6-10/120 with Plug Phoenix, ES-VLS 3-10/63 with Plug Lapp, ES-VNS 3, 4, 5, 6, 10/120, ES-VLS 3, 4, 5, 6, 10/10, VNS 3, 4, 5, 6, 10/60, ES-VNS 3, 4, 5, 6, 10/63, VLS 3-10/60 with Plug Phoenix, VLS 3,4,5,6,7,8,9,10#/120-140, VLS 3-10/60 with Plug Lapp, ES-VLS 3, 4, 5, 6, 10/100, ES-VLS 3, 4, 5, 6, 7,8,9,10/60-100, VNS 3,4,5,6,7,8,9,10/140, ES-VLS 3-10/63 with Plug Phoenix, ES-VNS 3, 4, 5, 6, 10/100, VLS 6-10/120 with Plug Lapp ES-VLS 6-10/120 with Plug Lapp, VLS 6-10/120 with Plug Phoenix, ES-VLS 3,4,5,6,7,8,9,10#/120-140, VNS 3, 4, 5, 6, 10/120, VNS 3, 4, 5, 6, 10/10, ES-VNS 3, 4, 5, 6, 10/10, Phoenix, Lapp, VLS 6-10/120 without Plug, ES-VLS 3-10/63 without Plug, VLS 3-10/60 without Plug, ES-VLS 6-10/120 without Plug, VLS 3, 4, 5, 6, 10/10, ES-VNS 3,4,5,6,7,8,9,10/140, ES-VLS 3, 4, 5, 6, 7,8,9,10/63-100, VNS 3, 4, 5, 6, 10/100, VLS 3, 4, 5, 6, 7,8,9,10/60-100

Transfer Funnel

Model(s): VEM 3, 4, 5, 6/63 L or R, VEM 3, 4, 5, 6/100 L or R, VEM 3, 4, 5, 6/60 L or R, EFT V3, V4, V5, V6, V7, V8, V9, V10, L or R, VEM 3, 4, 5, 6/10 L or R, VEM 3, 4, 5, 6/120 L or R

Transfer Guide

Model(s): VUS3H, VUS5H, VU3S-M, VU6S-M, VU4, VUS4H, VUS6H, VU6S-L, VUS4S, VU3S-L



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Paul Vahle GmbH & Co. KG
Westicker Str. 52, Kamen, 59174, DE

This certificate confirms that representative samples of:

ELPX7 - Crane and Hoist Electrification Systems Certified for Canada

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

CSA C22.2 No. 33, Edition: 4, Issue Date: 2019-05, Revision Date: 2022-9

Additional Information:

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Collector Tow Arm

Model(s): UMA12S, UMA12H

Contact Conductor

Model(s): VKS 7,8,9,10/240, VKS 3-10/63, VKS 3,4,5,6,7,8,9,10#/140, VKS 3,4,5,6,7,8,9,10/100, VKS 3-10/60, VKS 3, 4, 5, 6, 7, 8, 9, 10/63, VKS 7,8,9,10/280, VKS 3, 4, 5, 6, 7, 8, 9, 10/60, VKS 6-10/120, VKS 3, 4, 5, 6, 7, 8, 9, 10/10, VKS 7,8,9,10/200, VKS 3,4,5,6,7,8,9,10/120

Current Collector

Model(s): SA-KDSTLU30, 80, 120, SA-KST 30, 55, 80, SA-KST15, 40, 60, SKID63, SA-KSTLU15, 40, 60, SA-KST2/40, SA-KSTL15, 40, 60, SA-KST20, SA-FST6, 6R, SA-KDS 2/40 -2-18, -3-18, -4-18, -5-18, -6-18, SA-KST25, SA-KSF/KSFU25-2, -3, -4, -5, -6, 6R, SA-KDST30, 80, 120, SA-KDSTL30, 80, 120

Model(s): SA-KES/KESR/KESL 32, 40, 55, 63 *Followed by S for bolted connection or F for receptacles (*KDES/KDESR/KDESL*)*

Dead Section

Model(s): VSTS10-60, 100, 120, 140

Double Transfer Funnel

Model(s): DSE 1-10

End Feed Terminal

Model(s): VEKS 3, 4, 5, 6/100 R or L, ES-VEKS 7, 8, 9, 10#/140 R or L, ES-VEKS 3, 4, 5, 6/63 R or L, ES-VEKS 3, 4, 5, 6/120 R or L, ES-VEKS 3, 4, 5, 6/100 R or L, VEKS 3, 4, 5, 6/60 R or L, ES-VEKS 7, VEKS 3, 4, 5, 6/10 R or L, VEKS 7, ES-VEKS 3, 4, 5, 6/10 R or L, VEKS 7, 8, 9, 10#/140 R or L

Expansion Section

Model(s): DVKS 3, 4/60, DVKS 3, 4/100, DVKS 3, 4/63, DVKS 3, 4/120, DVKS 3, 4/10



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Hanger

Model(s): VES 3, 4, 6, VAS 3, 4, 6, VEPS 3, 4, 6, 10

Joint

Model(s): VM-SV 3,4,5,6/100-120, VM-SV 3,4,5,6,7,8,9,10/63-100, SVN 3,4,5,6,7,8,9,10/60-100, SVN 3,4,5,6,7,8,9,10#/120-140, SVN 3,4,5,6/100-120, VM-SV 3,4,5,6,7,8,9,10#/120-140, VM-SV 3,4,5,6/10-63, SVN 3,4,5,6/10-60

Line Feed Terminal

Model(s): VLS 3, 4, 5, 6, 10/100, ES-VLS 6-10/120 with Plug Phoenix, ES-VLS 3-10/63 with Plug Lapp, ES-VNS 3, 4, 5, 6, 10/120, ES-VLS 3, 4, 5, 6, 10/10, VNS 3, 4, 5, 6, 10/60, ES-VNS 3, 4, 5, 6, 10/63, VLS 3-10/60 with Plug Phoenix, VLS 3,4,5,6,7,8,9,10#/120-140, VLS 3-10/60 with Plug Lapp, ES-VLS 3, 4, 5, 6, 10/100, ES-VLS 3, 4, 5, 6, 7,8,9,10/60-100, VNS 3,4,5,6,7,8,9,10/140, ES-VLS 3-10/63 with Plug Phoenix, ES-VNS 3, 4, 5, 6, 10/100, VLS 6-10/120 with Plug Lapp ES-VLS 6-10/120 with Plug Lapp, VLS 6-10/120 with Plug Phoenix, ES-VLS 3,4,5,6,7,8,9,10#/120-140, VNS 3, 4, 5, 6, 10/120, VNS 3, 4, 5, 6, 10/10, ES-VNS 3, 4, 5, 6, 10/10, Phoenix, Lapp, VLS 6-10/120 without Plug, ES-VLS 3-10/63 without Plug, VLS 3-10/60 without Plug, ES-VLS 6-10/120 without Plug, VLS 3, 4, 5, 6, 10/10, ES-VNS 3,4,5,6,7,8,9,10/140, ES-VLS 3, 4, 5, 6, 7,8,9,10/63-100, VNS 3, 4, 5, 6, 10/100, VLS 3, 4, 5, 6, 7,8,9,10/60-100

Transfer Funnel

Model(s): VEM 3, 4, 5, 6/63 L or R, VEM 3, 4, 5, 6/100 L or R, VEM 3, 4, 5, 6/60 L or R, EFT V3, V4, V5, V6, V7, V8, V9, V10, L or R, VEM 3, 4, 5, 6/10 L or R, VEM 3, 4, 5, 6/120 L or R

Transfer Guide

Model(s): VUS3H, VUS5H, VU3S-M, VU6S-M, VU4, VUS4H, VUS6H, VU6S-L, VUS4S, VU3S-L



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