

**VDE Test Report**

Report No.	343892-TL6-1
VDE File No.	5018795-5430-0001/343892
Date of issue.....	2026-08-26
Laboratory	VDE Prüf- und Zertifizierungsinstitut GmbH
Address	Merianstrasse 28 63069 Offenbach/Main; Germany
Testing location/ address	VDE Prüf- und Zertifizierungsinstitut GmbH Merianstrasse 28 63069 Offenbach/Main; Germany
Applicant's name	BAKS - Kazimierz Sielski
Applicant's address	ul. Jagodne 5; 05-480 Karczew; Poland
Applied standard(s)	DIN EN 61537 (VDE 0639):2007-09; EN 61537:2007 Clause 11.1
Test item description	Cable carrier systems for electrical installation
Type reference(s)	DU, DUV; KC, KG, KO, KS; CR, CMR, CMK; KTR, KTM; PDDP, PZDDP; PKJ, PZKJ

Test sample condition	☒ Non-damaged sample
	Remark:
Sample entry date	2026-07-29
Date (s) of performance of tests	2026-08-13 – 2026-08-24

Tested by:		
Name, Signature.....	I. Loshaj (Authorization of test report)	
Function	Testing engineer	
Approved by:		
Name, Signature.....	P. Hüfner	
Function	Technical Certification Officer	

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Disclaimer:					
Dieser Prüfbericht enthält das Ergebnis einer einmaligen Untersuchung an dem zur Prüfung vorgelegten Erzeugnis. Ein Muster dieses Erzeugnisses wurde geprüft, um die Übereinstimmung mit den nachfolgend aufgeführten Normen bzw. Abschnitten von Normen festzustellen. Der Prüfbericht berechtigt Sie nicht zur Benutzung eines Zertifizierungszeichens des VDE und berücksichtigt ausschließlich die Anforderungen der unten genannten Regelwerke. Wenn gegenüber Dritten auf diesen Prüfbericht Bezug genommen wird, muss dieser Prüfbericht in voller Länge an gleicher Stelle verfügbar gemacht werden. <i>This test report contains the result of a singular investigation carried out on the product submitted. A sample of this product was tested to determine the accordance with the thereafter listed standards or clauses of standards resp.</i> <i>The test report does not entitle for the use of a VDE Certification Mark and considers solely the requirements of the specifications mentioned below.</i> <i>Whenever reference is made to this test report towards third party, this test report shall be made available on the very spot in full length.</i>					



Possible test case verdicts:

Test case does not apply to the test object :	N/A
Test object does meet the requirement..... :	P (Pass)
Test object does not meet the requirement :	F (Fail)

Final Verdict:**P****F**

Remark

Environmental conditions (if applicable)	Ambient temperature	Atmospheric pressure	Relative humidity
Rated values..... :	15-35 °C	860-1060 hPa	30-60 %
Verified values	Range confirmed	Range confirmed by: Deutscher Wetterdienst (Meteorological service)	Range confirmed

General Remarks:

Conformity statement:

The VDE decision rule for the statement of conformity is in accordance with IEC Guide 115:2023



Description of testing samples:

Representative for the cable carrier systems of manufacturer BAKS, the following listed versions have been tested.

Test item	Designation	Type	Material thickness (mm)	Height (mm)	Width (mm)
A	Cable ladder	DU	1,5	150	100
B		DUV	1,2	100	100
C	Cable tray	KC	0,7	30	100
D		KC	1,5	50	750
E		KG	1,2	60	100
F		KO	1,0	42	50
G		KS	1,5	100	900
H	C-Profile	CR	1,2	40	40
I		CMR	1,2	40	40
J		CMK	1,5	50	50
K	Angle Profile	KTR	1,2	40	40
L		KTM	1,5	50	50
---	Cover	PDDP	---	---	---
---		PZDDP	---	---	---
---		PKJ	---	---	---
---		PZKJ	---	---	---

Test procedure:

On the request of the applicant the test of the electrical continuity was carried out on the selected samples according to DIN EN 61537 (VDE 0639):2007-09; EN 61537:2007, clause 11.1

Test conditions:

- Test arrangement acc. to figure 9 of. DIN EN 61537 (VDE 0639):2007-09; EN 61537:2007
- Test current 25 A
- Frequency 50 Hz
- Measuring points in the distance of 50 mm to each side of the joint
- Measuring points without joint in a distance of 500 mm

Test results:

The calculated impedances shall not exceed 50 mΩ across the joint and 5 mΩ/m without joint.
The measured voltage drops and the calculated impedances are summarized in the tables 1 and 2



Table 1: Impedance without joint

Test item	Measured voltage drop	Calculated impedance
A	4,0 mV	0,32 mΩ/m
B	6,5 mV	0,52 mΩ/m
C	15,0 mV	1,2 mΩ/m
D	1,9 mV	0,15 mΩ/m
E	6,8 mV	0,54 mΩ/m
F	15,0 mV	1,2 mΩ/m
G	1,8 mV	0,14 mΩ/m
H	29,9 mV	2,39 mΩ/m
I	15,7 mV	1,26 mΩ/m
J	9,8 mV	0,78 mΩ/m
K	38,2 mV	3,06 mΩ/m
L	11,6 mV	0,93 mΩ/m



Table 2: Impedance across the joint

Test item	Connector	With cover	Measured voltage drop	Calculated impedance
A	LDCH150N	---	2,8 mV	0,11 mΩ
A	LDCH150N	PDDP	3,5 mV	0,14 mΩ
A	LDCH150N	PZDDP	3,1 mV	0,12 mΩ
B	LDCH100N	---	3,9 mV	0,16 mΩ
C	---	---	5,6 mV	0,22 mΩ
D	LPUH100	---	1,2 mV	0,05 mΩ
E	---	---	3,3 mV	0,13 mΩ
F	---	---	5,6 mV	0,22 mΩ
F	---	PKJ	6,3 mV	0,25 mΩ
F	---	PZKJ	5,6 mV	0,22 mΩ
G	LPU2H50	---	1,3 mV	0,05 mΩ
H	LCRP40H40	---	8,1 mV	0,32 mΩ
I	LCRP40H40	---	6,8 mV	0,27 mΩ
J	LCMKC50H50	---	6,3 mV	0,25 mΩ
K	LKCP40	---	9,7 mV	0,39 mΩ
L	LKTC50	---	7,7 mV	0,31 mΩ



List of the applied measurement instruments and testing means					
Clause	Measurement /testing	Testing / measuring equipment / material used, (Equipment ID)	Range used	Last Calibration date	Calibration due date
11.1	electrical continuity	Current clamp KYORITSU KEW SNAP 2432 1090723	0 – 100 A	2025-11-20	2026-11-20
11.1	electrical continuity	Digital Multimeter Agilent Technologies U1252B 1060700	0 – 50 mV	2026-03-10	2027-09-10

End of Test Report