

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Switch-disconnectors for use in photovoltaic applications

Name and address of the applicant

Benedict GmbH
Lieblgasse 7,
1220 Wien, Austria

Name and address of the manufacturer

Benedict GmbH
Lieblgasse 7,
1220 Wien, Austria

Name and address of the factory

Benedict GmbH
Lieblgasse 7,
1220 Wien, Austria

Note: When more than one factory, please report on page 2

☐ Additional Information on page 2

Ratings and principal characteristics

Ue = DC 500-1500 V; Ui = DC 1500 V; Uimp = 8 kV;
Utilization category: DC-PV1 and DC-PV2;
For rated operational values: see pages 3 to 5

Trademark / Brand (if any)

Ω

Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

LS16..., LS18..., LS25..., LS32..., LS38...,
see type key on page 2

Additional information (if necessary may also be reported on page 2)

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☒ Additional Information on pages 2 to 5

A sample of the product was tested and found to be in conformity with

IEC 60947-1:2020
IEC 60947-3:2020

As shown in the Test Report Ref. No. which forms part of this Certificate

SGP-22626/LS16,18,25,32,38/CB

This CB Test Certificate is issued by the National Certification Body



Österreichischer Verband für Elektrotechnik

OVE Certification

Kahlenberger Str. 2A, 1190 Wien, Austria

Digitally signed by T. Neumayer
Email: t.neumayer@ove.at

Date: 2022-08-22

Signature: Dipl.-Ing. T. Neumayer

Type key:

LS 32 E H4 A4 +xxx

Specials:

For example: N3 - notch of handle at 3 o'clock position

Number of poles:A2,
A2+2, A4, A4O, A4U, A4B
A3+2, A6
A4+2, A8**Type of Handle:**

H1, H1N, H4, H448 or none

Type of Mounting style:

E, V, VZ, VZV, PFL, SMA, Z

Rating:

16 (16 A), 18 (18 A), 25 (25 A), 32 (32 A), 38 (45 A)

Type of Switch - Disconnecter:

LS

Additional information (if necessary)

Digitally signed by T. Neumayer
Email=t.neumayer@ove.at

Date: 2022-08-22

Signature: Dipl.-Ing. T. Neumayer

Type list:

Type	No. of poles	Utilization category	500V	600V	700V	800V	900V	1000V	1200V	1500V
LS16...	A2	DC-PV1	16A	16A	16A	16A	16A	10A	7A	3A
	A2	DC-PV2	16A	14A	13A	12A	8A	4A	2A	1A
	A2+2	DC-PV1	29A	29A	22A	17A	16A	10A	7A	3A
	A2+2	DC-PV2	25A	20A	13A	12A	8A	4A	2A	1A
	A4	DC-PV1	16A	16A	16A	16A	16A	16A	16A	16A
	A4	DC-PV2	16A	16A	16A	16A	16A	16A	13,5A	9A
	A6	DC-PV1	16A	16A	16A	16A	16A	16A	16A	16A
	A6	DC-PV2	16A	16A	16A	16A	16A	16A	13,5A	9A
	A3+2	DC-PV1	29A	29A	29A	29A	29A	29A	17A	10A
	A3+2	DC-PV2	27A	22A	20A	18A	16A	14A	11A	4A
	A8	DC-PV1	16A	16A	16A	16A	16A	16A	16A	16A
	A8	DC-PV2	16A	16A	16A	16A	16A	16A	13,5A	9A
	A4+2	DC-PV1	29A	29A	29A	29A	29A	29A	29A	20A
	A4+2	DC-PV2	29A	29A	25A	21A	18A	16A	13,5A	9A
LS18...	A2	DC-PV1	18A	18A	18A	18A	16A	10A	7A	3A
	A2	DC-PV2	18A	16A	15A	13A	9A	4A	2A	1A
	A2+2	DC-PV1	31A	31A	22A	18A	16A	10A	7A	3A
	A2+2	DC-PV2	27A	22A	15A	13A	9A	4A	2A	1A
	A4	DC-PV1	18A	18A	18A	18A	18A	18A	18A	18A
	A4	DC-PV2	18A	18A	18A	18A	18A	18A	15A	11A
	A6	DC-PV1	18A	18A	18A	18A	18A	18A	18A	18A
	A6	DC-PV2	18A	18A	18A	18A	18A	18A	15A	11A
	A3+2	DC-PV1	31A	31A	31A	31A	31A	31A	21A	12A
	A3+2	DC-PV2	31A	29A	25A	22A	19A	16A	12A	5A
	A8	DC-PV1	18A	18A	18A	18A	18A	18A	18A	18A
	A8	DC-PV2	18A	18A	18A	18A	18A	18A	15A	11A
	A4+2	DC-PV1	31A	31A	31A	31A	31A	31A	31A	23A
	A4+2	DC-PV2	31A	31A	29A	27A	24A	20A	17A	11,5A

Ratings for 4-pole (A4) are also valid for variants A4B, A4O, A4U.

Additional information (if necessary)


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Date: 2022-08-22

Type list:

Type	No. of poles	Utilization category	500V	600V	700V	800V	900V	1000V	1200V	1500V
LS25...	A2	DC-PV1	25A	25A	25A	20A	17A	11,5A	8,5A	5A
	A2	DC-PV2	25A	21A	19A	15A	10A	5A	3A	1,5A
	A2+2	DC-PV1	45A	45A	27A	20A	17A	11,5A	8,5A	5A
	A2+2	DC-PV2	39A	32A	19A	15A	10A	5A	3A	1,5A
	A4	DC-PV1	25A	25A	25A	25A	25A	25A	25A	25A
	A4	DC-PV2	25A	25A	25A	25A	25A	25A	21A	14A
	A6	DC-PV1	25A	25A	25A	25A	25A	25A	25A	25A
	A6	DC-PV2	25A	25A	25A	25A	25A	25A	21A	14A
	A3+2	DC-PV1	45A	45A	43A	40A	38A	38A	25A	14A
	A3+2	DC-PV2	45A	38A	30A	26A	22A	18A	13,5A	6,5A
	A8	DC-PV1	25A	25A	25A	25A	25A	25A	25A	25A
	A8	DC-PV2	25A	25A	25A	25A	25A	25A	21A	14A
	A4+2	DC-PV1	45A	45A	45A	45A	45A	45A	33A	26A
	A4+2	DC-PV2	45A	45A	40A	35A	30A	25A	21A	14A
LS32...	A2	DC-PV1	32A	32A	32A	23A	20A	13A	10A	6A
	A2	DC-PV2	32A	27A	22A	17A	12A	6A	4A	2A
	A2+2	DC-PV1	58A	55A	32A	23A	20A	13A	10A	6A
	A2+2	DC-PV2	50A	35A	22A	17A	12A	6A	4A	2A
	A4	DC-PV1	32A	32A	32A	32A	32A	32A	32A	32A
	A4	DC-PV2	32A	32A	32A	32A	32A	32A	27A	18A
	A6	DC-PV1	32A	32A	32A	32A	32A	32A	32A	32A
	A6	DC-PV2	32A	32A	32A	32A	32A	32A	27A	18A
	A3+2	DC-PV1	58A	58A	55A	51A	47A	45A	28A	20A
	A3+2	DC-PV2	58A	44A	34A	29A	24A	20A	15A	8A
	A8	DC-PV1	32A	32A	32A	32A	32A	32A	32A	32A
	A8	DC-PV2	32A	32A	32A	32A	32A	32A	27A	18A
	A4+2	DC-PV1	58A	58A	58A	58A	58A	58A	50A	32A
	A4+2	DC-PV2	58A	58A	53A	45A	37A	32A	27A	18A

Ratings for 4-pole (A4) are also valid for variants A4B, A4O, A4U.

Additional information (if necessary)


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Type list:

Type	No. of poles	Utilization category	500V	600V	700V	800V	900V	1000V	1200V	1500V
LS38...	A2	DC-PV1	45A	45A	36A	30A	25A	20A	10A	6A
	A2	DC-PV2	38A	31A	25A	19A	14A	7A	4A	2A
	A2+2	DC-PV1	65A	58A	36A	30A	25A	20A	10A	6A
	A2+2	DC-PV2	58A	38A	25A	19A	14A	7A	4A	2A
	A4	DC-PV1	45A	45A	45A	45A	45A	38A	32A	32A
	A4	DC-PV2	45A	45A	45A	38A	38A	38A	27A	18A
	A6	DC-PV1	45A	45A	45A	45A	45A	38A	32A	32A
	A6	DC-PV2	45A	45A	45A	38A	38A	38A	27A	18A
	A3+2	DC-PV1	65A	58A	55A	51A	47A	45A	28A	20A
	A3+2	DC-PV2	65A	48A	35A	31A	24A	20A	15A	8A
	A8	DC-PV1	45A	45A	45A	45A	45A	38A	32A	32A
	A8	DC-PV2	45A	45A	45A	38A	38A	38A	27A	18A
	A4+2	DC-PV1	65A	65A	65A	65A	65A	65A	50A	32A
	A4+2	DC-PV2	65A	65A	65A	60A	55A	50A	27A	18A

Ratings for 4-pole (A4) are also valid for variants A4B, A4O, A4U.

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