Certificate Number: AZ 69025515 Page: 0001

CERTIFICATE OF APPROVAL

Authorised marking: TUV-025515-EA

TÜV Rheinland Australia Pty Ltd "Electrical Product Safety Certification (EPSC) Scheme", accredited by JAS-ANZ in accordance with ISO/IEC 17065, has issued this certificate under the Gas and Electricity (Consumer safety) Act 2017 as a declared Recognised External Approval Scheme (REAS). The electrical equipment described hereunder has been evaluated and found to be electrically safe at the time of certification. It is a requirement that all equipment supplied under this certificate shall be identical to the equipment as certified. The certificate holder shall use the above mentioned authorised marking. The certificate holder may use the Regulatory Compliance Mark (RCM) provided all the requirements of AS/NZS 4417.1 & AS/NZS 4417.2 applicable to the article are fulfilled.

CERTIFICATE HOLDER:

Zhejiang Benyi Electrical Co., Ltd.
Wenzhou Bridge Industrial Zone,
Beibaixiang Yueqing
Zhejiang
P.R. China

DESCRIPTION OF EQUIPMENT

Declared class:	DC ISOLATOR
Product:	PV Switch-disconnector
Trade Name / Manufacturer:	ZJBENY
Model Number:	BYT-32 ; BYT-32M1 ; BYT-32M2
Ratings:	Ui = 1200Vd.c. Uimp = 8kV, No polarity, 4 Pole DC-PV2; IP66NW Refer to CONTINUATION SHEET 1 to 2 for further details
Standard:	AS 60947.3:2018 AS/NZS IEC 60947.1:2015
Issue Date:	25/01/2022
Expiry Date:	25/01/2023

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

Grant Li

Acc. No. Z2870404AA
www.jas-anz.org\register

TUV Rheinland Australia Pty Ltd
182 Dougharty Road, Heidelberg West VIC 3081
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Email: certification@au.tuv.com
Website: www.au.tuv.com

Certificate Number: AZ 69025515 Page: 0002

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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Type designation:
BYT- 32: With four waterproof plug, will replace with the cable gland for final mounting
BYT- 32M1: With four PV- connector (common MC4) for final mounting
BYT- 32M2: With four PV- connector (Staubli MC4) for final mounting

Rated current based on connection:
Circuit configuration code 4: Ue =1000/1200V, Ie = 9A;
Ue = 800V, Ie = 13A. Ue = 300/600V, Ie = 32A.
I(mack)/Ic(break)=4 x Ie
Circuit configuration code 2H: Ue = 300V, Ie = 45A; Ue = 600
Ie = 40A. I(mack)/Ic(break)=4 x Ie
Circuit configuration code 4S/4B: Ue= 300/600/800/1000/1200V
Ie = 32A. I(mack)/Ic(break)=4 x Ie
Circuit configuration code 4/4S/4B: Icw = 1kA, 1s;
Icm (peak) = 1.7kA
Circuit configuration code 2H: Icw = 1.7kA, 1s;
Icm (peak) = 3kA

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Classification of DC Isolator:
Enclosed outdoor with a dedicated individual enclosure.
Suitable for both outdoor and indoor use.
Max. Ambient temperature is +70°C without de-ratings;
Enclosure size: 99.0mm x 177mm x 107.5mm (W x H x D)
Thickness of cover: Min. 5.5mm, Thickness of base: Min. 4mm;
Material: PC
Ithe Solar at 40°C: 32A
Ithe Solar at 60°C: 29A

Issue Date: 25/01/2022
Expiry Date: 25/01/2023

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