

CERTIFICATE OF CONFORMITY / APPROVAL

Authorised marking: TUV-028614-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 Queensland Electrical Safety Act / Recognised External Certification Scheme (RECS), and under the NSW Gas and Electricity (Consumer safety) Act / Recognised External Approval Scheme (REAS). The electrical equipment described hereunder has been evaluated and complied with the standard(s) listed below in accordance with the scheme herein 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 Regulatory Compliance Mark (RCM) provided all the requirements of AS/NZS 4417.1 & AS/NZS 4417.2 applicable to the article are fulfilled. The certificate holder shall place the above mentioned authorised marking on the product.

CERTIFICATE HOLDER: Zhejiang CHINT Electrics Co.,Ltd.
No.1, CHINT Road, CHINT Industrial Zone, North Baixiang,
Yueqing,
Zhejiang
P.R. China

DESCRIPTION OF ELECTRICAL EQUIPMENT

Risk Classification: In-scope Risk Level 3
Declared/Product class: DC ISOLATOR
Product: PV Switch - Disconnecter
Trade Name / Manufacturer: Noark
Model Number: Ex9IR40G; ExIR40G E
Ratings: Ui = 1250V, Uimp = 8kV, DC-PV2, No polarity, IP20
I(make)/Ic(break) = 4xle, Ta -5°C to +40°C
Refer to CONTINUATION SHEET 1- 2 for ratings details
Condition(s): N/A
Standard: AS 60947.3:2023
AS/NZS 60947.1:2021
Issue Date: 17-07-2025
Expiry Date: 17-07-2030

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd


John Wang

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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Number of poles: 2/3/4/6/8 layers, 2/3/4/6/8 poles

Ue =1200Vdc, Ie = 25A

Ue =1000Vdc, Ie = 32A

Ue = 800Vdc, Ie = 40A

Ue = 600Vdc, Ie = 50A

Ith = Iu = 50A; Ithe = 50A

Icw = 800A, 1s; Icm = 1.4kA

Classification D.C. Isolator:

According to AS 60947.3:2023

The PV switch-disconnector is D.C. isolator classified as D.4.5 (c):

Enclosed without a specified enclosure – For use within enclosure.

(i) a switch disconnector to be used in an enclosed indoor installation situation, excluding within PCE.

(ii) a switch disconnector to be used in a PCE where the final PCE has not yet been determined (i.e. assessed without final PCE enclosure).

Classification D.C. Isolator:

According to information Bulletin 20 #20-018 v1.2

The PV switch-disconnector is D.C. isolator classified as

2) 'enclosed indoor' without a dedicated individual enclosure

4) D.C. isolator installed within power conditioning equipment (PCE), Condition A:

A D.C. isolator intended for use within PCE and is fully tested to AS 60947.3 with full DC-PV2 voltage and current ratings applied.

Issue Date: 17-07-2025**Expiry Date:** 15-07-2030*Signed for and on behalf of TÜV Rheinland Australia Pty Ltd*
John Wang