

Ref: ESV200339/00

21 September 2020

ABB Australia Pty Limited

601 Blackburn Road
Notting Hill VIC 3168

Dear Sir/Madam,

APPROVAL OF IN-SCOPE ELECTRICAL EQUIPMENT

Enclosed is the Certificate(s) in respect to your recent application received by Energy Safe Victoria.

Please take time to check the certificate to ensure that all details are correct in accordance with your application, and that you understand all of the conditions imposed on the certificate.

Should you have any queries, please contact Gergo Bogdan on telephone 03 9203 9760 or email Gergo.Bogdan@energysafe.vic.gov.au

Any samples that accompanied your application are available for collection, and if not collected within 20 business days of the date hereon may be disposed of.

Notification must be given to Energy Safe Victoria of any change to the registered business name or address within 20 business days.

Yours sincerely



Neil Fraser

ACTING DIRECTOR OF ENERGY SAFETY

Certificate of Conformity

This is to certify that the Acting Director of Energy Safety has approved the electrical equipment described hereunder.

Certificate Holder: ABB Australia Pty Limited
601 Blackburn Road
Notting Hill VIC 3168

Required Marking: Regulatory Compliance Mark (RCM)

Electrical equipment covered by this certificate must comply in all respects with the certified article, and prior to being supplied or offered for supply, must be clearly and indelibly marked with the Regulatory Compliance Mark (RCM) provided that the requirements of all relevant parts of AS/NZS 4417 applicable to the article are fulfilled.

Any modifications to the electrical equipment or its place of manufacture must be approved by Energy Safe Victoria prior to the equipment being supplied or offered for supply.

Notification must be given to Energy Safe Victoria of any change to the name or address of the holder of the certificate within 20 business days.

ARTICLE DETAILS

Electrical Equipment:	Level 3 Residual Current Device RCBO Type AC and Type A
Relevant Standards:	AS/NZS 61009.1:2015
Expiry Date:	21 September 2025
Conditions of Approval:	Alternate approval marking ESV150223

Additional details

DSE201 Series of Residual current operated circuit-breakers with integral overcurrent protection.

The models listed on this certificate have the following characteristics:

Rated current= 6-40 A, B curve or C curve, 1P+N (uninterrupted neutral)

Rated residual current $I_{\Delta n}$ = 30 mA or 100 mA, Type AC or Type A,

Rated short circuit capacity I_{cn} = 6 kA, grid distance= 35 mm

Operation dependent of line voltage, without time delay

Utilisation temperature= -5 °C...+40 °C, not suitable for IT systems

Model	DSE201
Rated at	Input: 230- 240 Vac, 6 A, 10 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50A, 50/60 Hz
Trade Name	ABB
Comments	B curve or C curve, Rated residual current $I_{\Delta n}$ = 30 mA, Type AC or Type A

Model	DSE201
Rated at	Input: 230- 240 Vac, 6 A, 10 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50A, 50/60 Hz
Trade Name	ABB
Comments	C curve, Rated residual current $I_{\Delta n}$ = 100 mA, Type AC



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Expiry Date:	21 September 2025
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Additional details

Modification of approval:

1.) changes to detection circuit including the transformer, components and PCB layout of the 50A rated model

2.) correction of description on original approval (change marked **)

DSE201 Series of Residual current operated circuit-breakers with integral overcurrent protection.

The models listed on this certificate have the following characteristics:

Rated current=** 6-50 A**, B curve or C curve, 1P+N (uninterrupted neutral)

Rated residual current I_n = 30 mA or 100 mA, Type AC or Type A,

Rated short circuit capacity I_{cn} = 6 kA, grid distance= 35 mm

Operation dependent of line voltage, without time delay

Utilisation temperature= -5 °C...+40 °C, not suitable for IT systems

Model	DSE201
Rated at	Input: 230- 240 Vac, 50 A, 50/60 Hz
Trade Name	ABB
Comments	changes to detection circuit including the transformer, components and PCB layout of the 50A rated model

