

# Certificate of Conformity

This is to certify that VICTORIAN ENERGY SAFETY COMMISSION has, in accordance with the Electricity Safety Act 1998 (Equipment Safety Scheme Regulation 2019), approved the electrical equipment described here under.

<b>Certificate holder business name</b>	PRYSMIAN AUSTRALIA PTY LTD
<b>Certificate holder trade name</b>	PRYSMIAN AUSTRALIA PTY LTD
<b>Certificate holder address</b>	1 Heathcote Road, Liverpool, NSW, 2170
<b>Equipment level</b>	Level3
<b>Equipment class</b>	Building wiring cable
<b>Equipment sub-class</b>	
<b>Generic name of equipment</b>	Building wiring cable
<b>Date first issued</b>	21/08/2017
<b>Date of expiry</b>	08/08/2027
<b>Condition of certification</b>	
<b>Regulatory body</b>	Energy Safe Victoria
<b>Delegated signatory</b>	



Adam Murdoch

Head of Electrical Equipment Safety & Efficiency

## Regulatory details

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### Marking \*



### Relevant standards

AS/NZS 5000.2 2006

**Compliant to Australia and New Zealand standards**

\* 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 VICTORIAN ENERGY SAFETY COMMISSION (ESV) prior to the equipment being supplied or offered for supply.

Notification must be given to VICTORIAN ENERGY SAFETY COMMISSION (ESV) of any change to the name or address of the holder of the certificate within 20 business days.

## Equipment

### Equipment family details

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#### Additional family details

### Equipment Profiles

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#### Equipment Profile 1

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Model	Trade name
20200023 450/750V 6X2C+E CIRC BK	Prysmian
Input	450/750V, 50Hz, -
Nameplate	
Product example	
Cable insulation	PVC

#### Equipment Profile 3

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Model	Trade name
20200041 450/750V V-90 450/750V V-90 3C X 2.5 MM2 + E 2.5 MM2 CU	Prysmian

Input	450/750V, 50Hz, 450/750V
Output	450/750V
Nameplate	
Product example	
Equipment description	450/750V V-90 3C X 2.5 MM2 + E 2.5 MM2 CU CIRC BK
Cable insulation	PVC

#### Equipment Profile 4

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<b>Model</b>	<b>Trade name</b>
20200048 450/750V V-90 4C X 2.5 MM2 + E 2.5 MM2 CU	Prysmian
Input	450/750V, 50Hz, 450/750V
Output	450/750V
Nameplate	
Product example	
Equipment description	450/750V V-90 4C X 2.5 MM2 + E 2.5 MM2 CU CIRC OR
Cable insulation	PVC

#### Equipment Profile 5

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<b>Model</b>	<b>Trade name</b>
20200017 450/750V V-90 2C X 4 MM2 + E 2.5 MM2 CU	Prysmian
Input	450/750V, 50Hz, 450/750V
Output	450/750V
Nameplate	
Product example	
Equipment description	450/750V V-90 2C X 4 MM2 + E 2.5 MM2 CU CIRC BK
Cable insulation	PVC

#### Equipment Profile 6

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<b>Model</b>	20200013 450/750V V-90 450/750V V-90 2C X 4 MM2 + E 2.5 MM2 CU	<b>Trade name</b>	Prysmian
<b>Input</b>	450/750V, 50Hz, 450/750V		
<b>Output</b>	450/750V		
<b>Nameplate</b>			
<b>Product example</b>			
<b>Equipment description</b>	450/750V V-90 2C X 4 MM2 + E 2.5 MM2 CU CIRC OR		
<b>Cable insulation</b>	PVC		

### Equipment Profile 7

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<b>Model</b>	20200044 450/750V V-90 450/750V V-90 3C X 4 MM2 + E 2.5 MM2 CU	<b>Trade name</b>	Prysmian
<b>Input</b>	450/750V, 50Hz, 450/750V		
<b>Output</b>	450/750V		
<b>Nameplate</b>			
<b>Product example</b>			
<b>Equipment description</b>	450/750V V-90 3C X 4 MM2 + E 2.5 MM2 CU CIRC BK		
<b>Cable insulation</b>	PVC		

### Equipment Profile 8

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<b>Model</b>	20200042 450/750V V-90 450/750V V-90 3C X 4 MM2 + E 2.5 MM2 CU	<b>Trade name</b>	Prysmian
<b>Input</b>	450/750V, 50Hz, 450/750V		
<b>Output</b>	450/750V		
<b>Nameplate</b>			
<b>Product example</b>			
<b>Equipment description</b>	450/750V V-90 3C X 4 MM2 + E 2.5 MM2 CU CIRC OR		
<b>Cable insulation</b>	PVC		

## Equipment Profile 9

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<b>Model</b>	<b>Trade name</b>
20200051 450/750V V-90 450/750V V-90 4C X 4 MM2 + E 2.5 MM2 CU	Prysmian
<b>Input</b>	450/750V, 50Hz, 450/750V
<b>Output</b>	450/750V
<b>Nameplate</b>	
<b>Product example</b>	
<b>Equipment description</b>	450/750V V-90 4C X 4 MM2 + E 2.5 MM2 CU CIRC BK
<b>Cable insulation</b>	PVC

## Equipment Profile 10

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<b>Model</b>	<b>Trade name</b>
20200050 450/750V V-90 450/750V V-90 4C X 4 MM2 + E 2.5 MM2 CU	Prysmian
<b>Input</b>	450/750V, 50Hz, 450/750V
<b>Output</b>	450/750V
<b>Nameplate</b>	
<b>Product example</b>	
<b>Equipment description</b>	450/750V V-90 4C X 4 MM2 + E 2.5 MM2 CU CIRC OR
<b>Cable insulation</b>	PVC

## Equipment Profile 11

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<b>Model</b>	<b>Trade name</b>
20200039 450/750V V-90 450/750V V-90 3C X 2.5 MM2 + E 2.5 MM2 CU	Prysmian
<b>Input</b>	450/750V, 50Hz, 450/750V
<b>Output</b>	450/750V
<b>Nameplate</b>	
<b>Product example</b>	

**Equipment description** 450/750V V-90 3C X 2.5 MM2 + E 2.5 MM2 CU CIRC OR

**Cable insulation** PVC

### Equipment Profile 12

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Model	Trade name
20200021 450/750V V-90 450/750V V-90 2C X 6 MM2 + E 2.5 MM2 CU	Prysmian

**Input** 450/750V, 50Hz, 450/750V

**Output** 450/750V

**Nameplate**

**Product example**

**Equipment description** 450/750V V-90 2C X 6 MM2 + E 2.5 MM2 CU CIRC OR

**Cable insulation** PVC

### Equipment Profile 13

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Model	Trade name
20200000 450/750V V-90 450/750V V-90 2C X1.5 MM2 +E 1.5 MM2 CU	Prysmian

**Input** 450/750V, 50Hz, 450/750V

**Output** 450/750V

**Nameplate**

**Product example**

**Equipment description** 450/750V V-90 2C X1.5 MM2 +E 1.5 MM2 CU CIRC BK

**Cable insulation** PVC

### Equipment Profile 14

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Model	Trade name
20200045 450/750V V-90 450/750V V-90 3C X 6 MM2 + E 2.5 MM2 CU	Prysmian

**Input** 450/750V, 50Hz, 450/750V

**Output** 450/750V

**Nameplate**

**Product example**

**Equipment description** 450/750V V-90 3C X 6 MM2 + E 2.5 MM2 CU CIRC OR

**Cable insulation** PVC

**Equipment Profile 15**

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<b>Model</b>	<b>Trade name</b>
20200053 450/750V V-90 450/750V V-90 4C X 6 MM2 + E 2.5 MM2 CU	Prysmian

**Input** 450/750V, 50Hz, 450/750V

**Output** 450/750V

**Nameplate**

**Product example**

**Equipment description** 450/750V V-90 4C X 6 MM2 + E 2.5 MM2 CU CIRC BK

**Cable insulation** PVC

**Equipment Profile 16**

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<b>Model</b>	<b>Trade name</b>
20200052 450/750V V-90 450/750V V-90 4C X 6 MM2 + E 2.5 MM2 CU	Prysmian

**Input** 450/750V, 50Hz, 450/750V

**Output** 450/750V

**Nameplate**

**Product example**

**Equipment description** 450/750V V-90 4C X 6 MM2 + E 2.5 MM2 CU CIRC OR

**Cable insulation** PVC

**Equipment Profile 17**

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<b>Model</b>	<b>Trade name</b>
20199998 450/750V V-90 450/750V V-90 2C X 1.5 MM2 + E 1.5 MM2 CU	Prysmian

<b>Input</b>	450/750V, 50Hz, 450/750V
<b>Output</b>	450/750V
<b>Nameplate</b>	
<b>Product example</b>	
<b>Equipment description</b>	450/750V V-90 2C X 1.5 MM2 + E 1.5 MM2 CU CIRC OR
<b>Cable insulation</b>	PVC

### Equipment Profile 18

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<b>Model</b>	<b>Trade name</b>
20200036 450/750V V-90 450/750V V-90 3C X 1.5 MM2 + E 1.5 MM2 CU	Prysmian
<b>Input</b>	450/750V, 50Hz, 450/750V
<b>Output</b>	450/750V
<b>Nameplate</b>	
<b>Product example</b>	
<b>Equipment description</b>	450/750V V-90 3C X 1.5 MM2 + E 1.5 MM2 CU CIRC BK
<b>Cable insulation</b>	PVC

### Equipment Profile 19

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<b>Model</b>	<b>Trade name</b>
20200033 450/750V V-90 450/750V V-90 3C X 1.5 MM2 + E 1.5 MM2 CU	Prysmian
<b>Input</b>	450/750V, 50Hz, 450/750V
<b>Output</b>	450/750V
<b>Nameplate</b>	
<b>Product example</b>	
<b>Equipment description</b>	450/750V V-90 3C X 1.5 MM2 + E 1.5 MM2 CU CIRC OR
<b>Cable insulation</b>	PVC

### Equipment Profile 20

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Model	Trade name
20200047 450/750V V-90 450/750V V-90 4C X 1.5 MM2 + E 1.5 MM2 CU	Prysmian
Input	450/750V, 50Hz, 450/750V
Output	450/750V
Nameplate	
Product example	
Equipment description	450/750V V-90 4C X 1.5 MM2 + E 1.5 MM2 CU CIRC OR
Cable insulation	PVC

### Equipment Profile 21

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Model	Trade name
20200007 450/750V V-90 450/750V V-90 2C X 2.5 MM2 + E 2.5 MM2 CU	Prysmian
Input	450/750V, 50Hz, 450/750V
Output	450/750V
Nameplate	
Product example	
Equipment description	450/750V V-90 2C X 2.5 MM2 + E 2.5 MM2 CU CIRC BK
Cable insulation	PVC

### Equipment Profile 22

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Model	Trade name
20200002 450/750V V-90 450/750V V-90 2C X 2.5 MM2 + E 2.5 MM2 CU	Prysmian
Input	450/750V, 50Hz, 450/750V
Output	450/750V
Nameplate	
Product example	
Equipment description	450/750V V-90 2C X 2.5 MM2 + E 2.5 MM2 CU CIRC OR
Cable insulation	PVC

### Equipment Profile 23

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<b>Model</b>	<b>Trade name</b>
20398154 450/750V 1.5X4C+E CIRC BK	Prysmian
<b>Input</b>	450/750 V, -, 50 Hz, -
<b>Nameplate</b>	
<b>Product example</b>	
<b>Cable insulation</b>	PVC

### Equipment Profile 24

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<b>Model</b>	<b>Trade name</b>
20398040 450/750V 2.5X4C+E CIRC BK	Prysmian
<b>Input</b>	450/750 V, -, 50 Hz, -
<b>Nameplate</b>	
<b>Product example</b>	
<b>Cable insulation</b>	PVC

### Equipment Profile 25

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<b>Model</b>	<b>Trade name</b>
20398128 450/750V 6X3C+E CIRC BK	Prysmian
<b>Input</b>	450/750 V, -, 50 Hz, -
<b>Nameplate</b>	
<b>Product example</b>	
<b>Cable insulation</b>	PVC

### Nameplates

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### Product examples

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## History of certificate

### ESV170405/03 (Modification)

24 February, 2023

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Type	Apply for a certificate to modify equipment already certified
Description of change	All the models added are identical in terms of construction and material combinations as designated in the standards and cables listed in ESV170405. The first 8 digits of the model description is a unique code number for each cable. All items are covered by the inspection and testing reports submitted earlier under Application reference number REN-29021.

Certification approved on 24 February, 2023

#### Delegated signatory



Adam Murdoch  
Head of Electrical Equipment Safety & Efficiency  
24 February, 2023

### ESV170405/02 (Renewal)

08 August, 2022

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Renewal of ESV170405

Certification renewed on 08 August, 2022

#### Delegated signatory



Adam Murdoch  
Head of Electrical Equipment Safety & Efficiency  
08 August, 2022

### ESV170405/01 (ChangeOfMarkingModification)

28 May, 2018

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## Equipment Profile 1

**Certificate no. ESV170405**

Uncontrolled Copy - Go to [ees.gov.au](http://ees.gov.au) to verify the particulars of this certificate

**Model**  
20200023 450/750V 6X2C+E CIRC BK

**Trade name**  
Prysmian

**Input** 450/750V, -

**Nameplate**

**Product example**

Certification approved on 28 May, 2018

**Delegated signatory**



Paul Fearon  
Director of Energy Safety  
28 May, 2018

**ESV170405/00 (New)**

21 August, 2017

Certificate for Building wiring cable issued

Certification approved on 21 August, 2017

**Delegated signatory**



Paul Fearon  
Director of Energy Safety  
21 August, 2017