



**ENCLOSED DC ISOLATING SWITCH IP66NW 4 POLE 1500 V DC DC-PV2**

- 32 A, 1500 V Enclosed DC switch
- Fully compliant with AS60947.3:2018 suitable to be used throughout Australia and New Zealand
- Robust IP66NW polycarbonate enclosure ensured protection against damaging moisture ingress and UV exposure
- Superior temperature performance, conforming to AS5033:2018
- Long lasting service life and reliable switching
- Arcing time <3 ms utmost safety and protection ensuring seamless isolation
- 4 x M25 top and bottom threaded entries with injected TPE seal
- 2 x M25 rear knockouts for cable entries
- Pre-fitted pressure compensation valve as standard
- Provision for external mounting
- Padlockable in OFF position
- Accessory kit included (Wall mount brackets, bridging links, M25 to M12 reducer and mounting screws)

Representative Photo Only  
(actual product may vary based on configuration selections)

**SPECIFICATIONS**

Number of Poles	4
I <sub>th</sub> , Thermal Current at 40°C	32 A
I <sub>th</sub> , Thermal Current at 60°C	29 A
U <sub>i</sub> , Rated Insulation Voltage, DC	1500 V DC
U <sub>imp</sub> , Impulse Withstand Voltage	8 kV
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 500V	128 A 2P@500V Series
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 600V	128 A 2P@600V Series
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 800V	52 A 2P@800V Series
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 1000V	52 A 2P@1000V Series
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 1200V	52 A 2P@1200V Series
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 1500V	20 A 2P@1500V Series
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 500V	220 A @500V 2 Parallel Poles in Series
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 600V	220 A @600V 2 Parallel Poles in Series
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 800V	220 A @800V 2 Parallel Poles in Series
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 1000V	52 A @1000V 2 Parallel Poles in Serie
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 1200V	52 A @1200V 2 Parallel Poles in Series
I <sub>m</sub> , Rated Make/Break Capacity, 2-Pole, DC-PV2, 1500V	24 A @1500V 2 Parallel Poles in Series
I <sub>m</sub> , Rated Make/Break Capacity, 4-Pole, DC-PV2, 500V	128 A 4P@500V Series
I <sub>m</sub> , Rated Make/Break Capacity, 4-Pole, DC-PV2, 600V	128 A 4P@600V Series
I <sub>m</sub> , Rated Make/Break Capacity, 4-Pole, DC-PV2, 800V	52 A 4P@800V Series
I <sub>m</sub> , Rated Make/Break Capacity, 4-Pole, DC-PV2, 1000V	52 A 4P@1000V Series
I <sub>m</sub> , Rated Make/Break Capacity, 4-Pole, DC-PV2, 1200V	52 A 4P@1200V Series
I <sub>m</sub> , Rated Make/Break Capacity, 4-Pole, DC-PV2, 1500V	20 A 4P@1500V Series
I <sub>e</sub> , Rated Operational Current, 2-Pole, DC- PV2, 500V	32 A 2P@500V Series
I <sub>e</sub> , Rated Operational Current, 2-Pole, DC- PV2, 600V	32 A 2P@600V Series
I <sub>e</sub> , Rated Operational Current, 2-Pole, DC- PV2, 800V	13 A 2P@800V Series

# Catalogue No: **NL432PV**

## ENCLOSED DC ISOLATING SWITCH IP66NW 4P 1500VDC DC-PV2

Plugs, Sockets and Switches > GPOs and Switches > Enclosed DC Isolating Switch > N-LINE DC Switch > N-LINE DC Switch



le, Rated Operational Current, 2-Pole, DC- PV2, 1000V	13 A 2P@1000V Series
le, Rated Operational Current, 2-Pole, DC- PV2, 1200V	13 A 2P@1200V Series
le, Rated Operational Current, 2-Pole, DC- PV2, 1500V	5 A 2P@1500V Series
le, Rated Operational Current, 2-Pole, DC- PV2, 500V	55 A @500V 2 Parallel Poles in Series
le, Rated Operational Current, 2-Pole, DC- PV2, 600V	55 A @600V 2 Parallel Poles in Series
le, Rated Operational Current, 2-Pole, DC- PV2, 800V	13 A @800V 2 Parallel Poles in Series
le, Rated Operational Current, 2-Pole, DC- PV2, 1000V	13 A @1000V 2 Parallel Poles in Series
le, Rated Operational Current, 2-Pole, DC- PV2, 1200V	13 A @1200V 2 Parallel Poles in Series
le, Rated Operational Current, 2-Pole, DC- PV2, 1500V	6 A @1500V 2 Parallel Poles in Series
le, Rated Operational Current, 4-Pole, DC- PV2, 500V	32 A 4P@500V Series
le, Rated Operational Current, 4-Pole, DC- PV2, 600V	32 A 4P@600V Series
le, Rated Operational Current, 4-Pole, DC- PV2, 800V	13 A 4P@800V Series
le, Rated Operational Current, 4-Pole, DC- PV2, 1000V	13 A 2P@1000V Series
le, Rated Operational Current, 4-Pole, DC- PV2, 1200V	13 A 4P@1200V Series
le, Rated Operational Current, 4-Pole, DC- PV2, 1500V	5 A 4P@1500V Series
Wire / Conductor Size, Rigid Cable, Min	4 mm <sup>2</sup> min
Wire / Conductor Size, Rigid Cable, Max	16 mm <sup>2</sup> max
Wire / Conductor Size, Flex Cable, Min	4 mm <sup>2</sup> min
Wire / Conductor Size, Flex Cable, Max	16 mm <sup>2</sup> max
IP Rating	IP66NW
Operating Temperature, Min	-40 °C min
Operating Temperature, Max	85 °C max
Included Accessories	1 x M25 to M12 Reducer 2 x Bridging Links 2 x Wall Mounting Bracket 4 x Mounting Bracket Screws 4 x Screw Caps 6 x Base Caps

### REFERENCES

IECEX Certificate

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Supplier Declaration of Conformity:

[NL432PV Declaration of Conformity](#)

Installation Guide:

[NL432PV Installation Guide](#)

User Manual:

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Manufacturer Datasheet:

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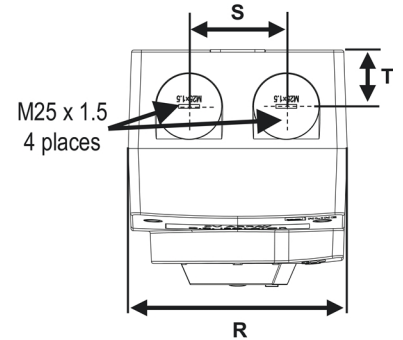
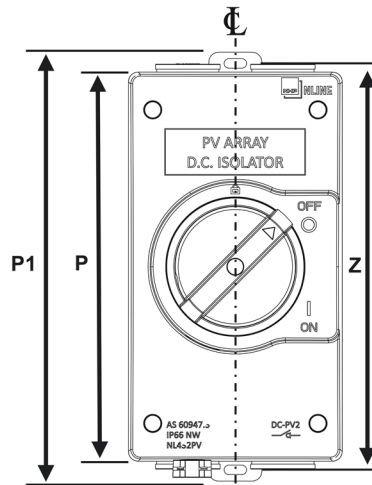
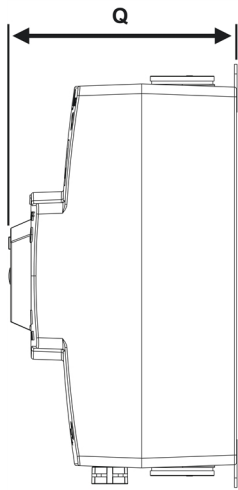
Manufacturer Catalogue & Product Selection:

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Plugs, Sockets and Switches > GPOs and Switches > Enclosed DC Isolating Switch > N-LINE DC Switch > N-LINE DC Switch

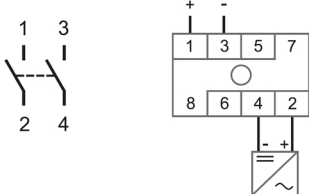


### DIMENSIONS (mm)

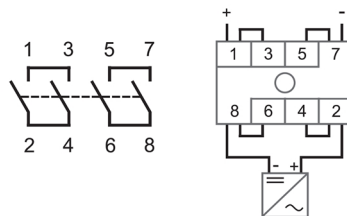
P	P1	Q	R	S	T	Z
180	198.5	107	99	44	25.5	188

Dimension Diagram

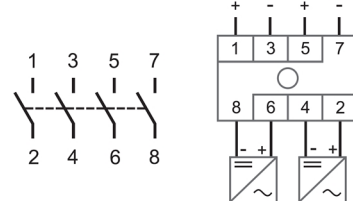
#### A2 (2 poles in series)



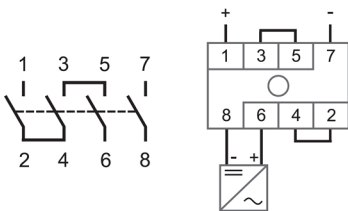
#### A2 + 2 (2 parallel poles in series)



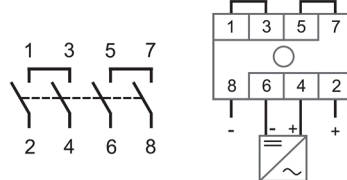
#### A4 (2 poles in series)



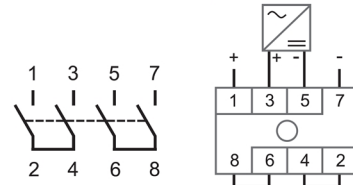
#### A4B (3+1, 4 poles in series)



#### A4O (4 poles in series)



#### A4U (4 poles in series)



Connection / Wiring Diagram