



Ip66 Dc Waterproof Isolator Switch

ADELS® is a professional manufacturer and supplier of Ip66 Dc Waterproof Isolator Switch in China. ELR2 series DC isolation switch uses IP66 waterproof shell, with excellent protection level, high quality plastic material, UV resistance, optional 2-4 poles, applied to distribution box. 2 mounting tabs, 4 x M25 threaded hole

handles to lock in the "OFF" position, optional MC4 plug with adapter or cable gland, easy to install and operate, easy to connect, and save space. The ELR2 series DC isolation switches are manufactured with the best quality components to improve the safety of the photovoltaic system. For more information about IP66 DC waterproof isolation switch, please contact us!!

Model:ELR2

ADELS® is Ip66 Dc Waterproof Isolator Switch manufacturers and suppliers in China who can wholesale Ip66 Dc Waterproof Isolator Switch.

Ip66 Dc Waterproof Isolator Switch

- IP66 rated enclosure, UV Resistant
- 4x M20 knock holes
- The handle can be padlocked in the "OFF" position
- MC4 plugs can be selected for Convenient connection and space saving
- 2 Pole, 4 Poles are available (Single/Double String)
- Standard: IEC60947-3, AS60947.3
- DC-PV2, DC-PV1, DC-21B 16A, 25A, 32A, DC1200V
- 16A, 25A, 32A, 1200V DC

Ip66 Dc Waterproof Isolator Switch Application

ADELS ELR2 Series DC Isolator Switch in plastic enclosures are applied to 1~20 KW residential or commercial photovoltaic system, placed between photovoltage modules and inverters. Arcing time is less than 8ms, that keeps solar system more safe. To ensure its stability and long service life, our products are made by components with optimum quality. Max voltage is up to 1200V DC. It holds a safe lead among similar products.

Wenzhou Feimai Electric Co., Ltd.

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Ip66 Dc Waterproof Isolator Switch Appearance Introduction

ELR2 DC Isolator Enclosure, IP66



Ip66 Dc Waterproof Isolator Switch Parameter

Electrical Characteristics	
Type	FMPV16-ELR2, FMPV25-ELR2, FMPV32-ELR2
Function	Isolator, Control
Standard	IEC60947-3, AS60947. 3
Utilization category	DC-PV2/DC-PV1/DC-21B
Pole	4P
Rated frequency	DC
Rated operational voltage(Ue)	300V, 600V, 800V, 1000V. 1200V
Rated operational voltage(le)	See the next page
Rated insulation voltage(Ui)	1200V
Conventional free air themal current(lthe)	//
Conventional enclosed thermal current(lthe)	Same as le
Rated short-time withstand current(lcw)	1kA, 1s
Rated impulsed withstand voltage(Uimp)	8.0kV
Overvoltage category	II

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Suitability for isolation	Yes
Polarity	No polarity, " + " and " - " polarities could be interchanged
Service life/cycle operation	
Mechanical	18000
Electrical	2000
Installation Environment	
Ingress protection Enclosure	IP66
Storage temperature	-40° C ~ +85° C
Mounting Type	Vertically or horizontally
Pollution degree	3

Rated Voltage / Rated Current

Wiring	Type	300V	600V	800V	1000V	1200V
2P/4P	FMPV16 series	16A	16A	12A	8A	6A
	FMPV25 series	25A	25A	15A	9A	7A
	FMPV32 series	32A	27A	17A	10A	8A
4T/4B/4S	FMPV16 series	16A	16A	16A	16A	16A
	FMPV25 series	25A	25A	25A	25A	25A
	FMPV32 series	32A	32A	32A	32A	32A
2H	FMPV16 series	35A	35A	/	/	/
	FMPV25 series	40A	40A	/	/	/
	FMPV32 series	45A	40A	/	/	/

Switching Configurations

Type	2-pole	4-pole	2-pole4-pole in series Input and Output bottom	2-pole4-pole in series Input and Output on top	2-pole4-pole in series Input on top Output bottom	2-pole 4 parallel Poles
/	2P	4P	4T	4B	4S	2H
Contacts Wiring						

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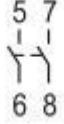





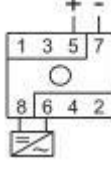
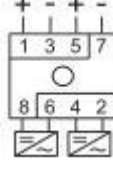



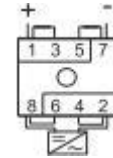
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