



Solar PV Disconnecter Switch DC1200V 4P 32A DIN Rail Mounted for Photovoltaic System

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Golden Electric /OEM
- Certification: ISO 9001, ISO 9000, ISO 14001, ISO 14000, ISO 20000, OHSAS/ OHSMS 18001, IATF16949
- Minimum Order Quantity: 1
- Packaging Details: Carton/Pallet
- Delivery Time: Peak Season Lead Time: more than 12 months
Off Season Lead Time: within 15 workdays
- Payment Terms: LC, T/T, PayPal, Western Union
- Supply Ability: 5000/Month



Product Specification

- Model NO.: FMPV32-NL1
- Grounding: Un Grounded
- Run: Plug-In
- Switching Mode: Single Throw-in
- Structure Of Operating: Manual
- Brand: Golden Electric /OEM
- Product Name: DC Isolator Switch
- Suitable Environment: Outdoor / Indoor
- Rated Current: 16A, 25A, 32A
- Installation Method: Rail Mounting Inside The Distribution Box
- Ambient Temperature: -5 To +40 Degree Celsius
- Rated Voltage: 1200V
- Opening Method: Handle 90° Rotary Switch
- Product Number: Fmpv-16/25/32-NI1
- Function: Isolator, Control



More Images



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Product Description

Product Description

Our FMPV32-NL1 Series DC changeover switch have been specifically designed to switch Direct Current (DC) at voltages up to 1000V. Their robust design and ability to switch such voltages at rated current, mean that they are ideally suited to be used in the switching of Photovoltaic (PV) systems. All photovoltaic installations must have a DC switch to disconnect the DC/AC inverter from the photovoltaic panels in accordance with IEC.

Product Features



1. IP20 Protection Level
2. Din rail mounted
3. Switch body for 4P CB4N or CB8N
4. 2 Pole, 4 Poles are viable (Single or Double String)
5. Standard: IEC60947-3, AS60947.3
6. DC-PV2, DC-PV1, DC-21B
7. 16A, 25A, 32A, 1200V DC

Product Parameters

Electrical Characteristics	
Type	FMPV16-NL1, FMPV25-NL1, FMPV32-NL1
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 current (I _o)	See the next page
Rated insulation voltage (Ui)	1200V
Conventional free air thermal current (I _{th})	/
Conventional enclosed thermal current (I _{the})	Same as I _e
Rated short-time withstand current (I _{cw})	1kA, 1s
Rated impulsive withstand voltage (U _{imp})	8.0kV
Overvoltage category	II
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	IP20
Storage temperature	-40°C ~ +85°C
Mounting Type	Vertically or horizontally
Pollution degree	3
Suitable environment	Outdoor / Indoor

FMPV32-NL1 Series
PV DC Isolator Switches

Wiring Diagram for Rated operational voltage $U_e(V)$ & Rated operational current $I_e(A)$

Contacts wiring diagram	300V	600V	800V	1000V	1200V	Poles in series	Number of strings	Type Number	Weight kg/PCS
	32A	27A	17A	10A	8A	2	1	2P	
	32A	27A	17A	10A	8A	2	2	4P	
	32A	32A	32A	32A	32A	2	1	4T	
	32A	32A	32A	32A	32A	2	1	4B	
	32A	32A	32A	32A	32A	4	1	4S	
	45A	40A	/	/	/	2	1	2H	

Switching Configurations

Type	2-pole	4-pole	2-pole 4 poles in series Input and Output bottom	2-pole 4 poles in series Input and Output on top	2-pole 4 poles in series Input on top Output bottom	2-pole 4 paralleled Poles
/	2P	4P	4T	4B	4S	2H
Contacts Wiring graph						
Switching example						

Bridging links installation

installed incorrectly



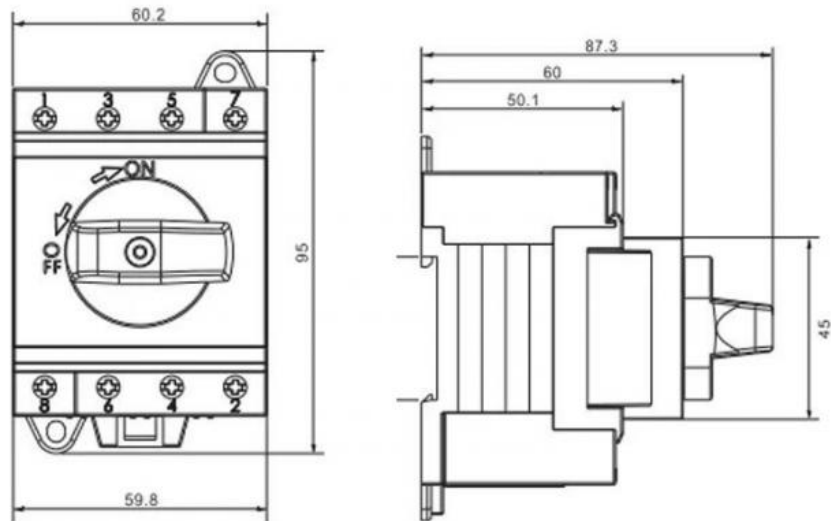
installed correctly



*Please note that all connections (including bridging link connections) should be tightened before energization.

Product Details

Dimension



Recommend Product



Company Profile

- Golden Electric Co.,Ltd ,was foundad in 2017, we are professional for make **AC and DC electric items** such as cable gland, isolator switch , fuse , circuit breaker , distribution box , PV combiner box ,surge protector, Industrial plug and socket,Solar product etc.

- Golden has been granted ISO9001 management system certifications. The comprehensive product line has more than 1000 models which have been approved by TUV,CE,CQC,SGS,ROHS,SASO. The productsells well to UK, Spain, Portugal, Singapore, Turkey, Russia, Korea, South Africa... more than 60 countries and regions.

- Golden is always striving hard to provide the best services and competitive price to all customers.

FAQ

1) Q:How can i trust your company?

A:Golden electric is The top 10 manufacture in China -more than 350 Agents in local market and more than 100 foreign clients make OEM,ODM order from us.Golden electric is a big company, we have cooperation with LS, EKF the world-class companies. Our company over 100 employees, products pass CE,IEC,TUV,SAA, RCM, ROHS certificates.

2) Q:Your products?

A: Golden electric is factory for Isolator Switch,Automatic transfer switch,Surge protector device,distribution box Enclosure, inverter, DC fuse etc. Providing customers very competitive sources, and can be your sourcing agent in China. Goods are following international standards, IE, CE, ISO9001 ,SGS etc.

3) Q: After Sales Service?

A: We will provide the best After-sales Service

4) Q: What's the payment term?

A: Normally 100% T/T in advanced payment. If big order then about 50% advanced payment, balance before shipment. PAYPAL, WESTERN UNION, CASH for small order.

5) Q: Your address ?

A: Locates in Guangzhou province, China, welcome to visit us

6) Q: What's your contact information ?

Send your Inquiry Details in the Below, Click "send" Now!! We will do our best to give you a perfect service.



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