



High Compatibility Outdoor Safety PV DC Solar Isolator Switch With Waterproof Design

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

- Number Of Poles: Unipolar
- Grounding: Single Ground
- Series: Single-Stage
- Run: Plug-In
- Switching Mode: Single Throw-in
- Structure Of Operating: Electric
- Brand: Industrial
- Shell Protection Grade: IP66
- OEM: Available
- Condition: 100% Original
- Wiring: Upside Input, Downside Output
- Rated Insulation Voltage: 1500V
- Pollution Degree: 2
- Solid Or Standard: 4~16mm²
- Working Temperature: -5 To +60 Degree Celsius



More Images



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Product Description

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Waterproof IP66 DC Isolating Switch:

Modular design, DC insulation voltage 1500V, compact structure, 2-8 Pole optional

IP66 box design, switch rotation operator with three lockable positions, to prevent misoperation

Suitable for different specifications of waterproof cable connector or MC4 connector

The zero line bridge with Angle design makes the connection easier

With sufficient internal space and good heat dissipation effect, the whole machine can work under -40°C-70°C with full load

High - speed "on - off" switching mechanism, using energy storage spring, fast switching, maximum switching time is less than 5ms

Contact self-cleaning design, reduce the resistance and energy consumption of DC switch, extend the life of switch

Magnetic arc extinguishing and gate arc extinguishing are used to suppress the arc effectively

Passed IEC/EN60947-3:2009+A1+A2,GB/T14048.3, with TUV,CE certification



1. Non-polar design
2. Modular design, 2-8 grades available models
3. Positive contact, negative contact optional
4. Various installation methods such as single-hole installation, panel installation, power distribution installation, door lock installation, and external installation are optional
4. Using imported seals, the installation can make the whole machine reach IP66 level
5. The design of rated insulation voltage of 1500V has passed IEC/EN60947-3:2009+A1+A2, AS60947.3, UL508I, testing and TUV, CE, CB, SAA, UL and other international certifications

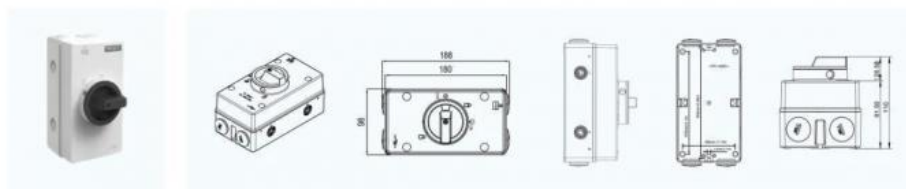
Product Parameters

The following data are according to IEC/EN60947-3:2009+A1+A2, AS60947.3, UL508I, GB/T14048.3, use category DC-PV2/DC-PV1				
The main parameters		GD32R-4S		
Rated insulation voltage(Ui)		1500V		
Rated thermal current(Ith)		16A	25A	32A
Rated impulse withstand voltage(Uimp)		8000V		
Rated short-time withstand current (1s)(Icw)	2,4,6,8	800A	900A	1000A
	2H,3H,4H	1300V	1500V	1700V
Rated short-circuit making capacity(Icm)	2,4,6,8	800A	900A	1000A
	2H,3H,4H	1300V	1500V	1700V
Rated limited short-circuit current(Icc)		5000A		
Maximum fuse size gL(gG)		40A	63A	80A
Maximum cable cross-section (including jumper wires)				
single wire or standard		4-16mm ²		
Flexible		4-10mm ²		
Flexible (+ multicore cable end)		4-10mm ²		
Torque				
Tightening torque of terminal M4 screw		1.2-1.8Nm		
Panel Mounting Screw ST4.2 (304 Stainless Steel) Tightening Torque		0.8-0.9Nm		
Tightening torque for single hole mounting nut M16		2.0-2.5Nm		
Tightening torque of knob M3 screw		0.5-0.7Nm		
Switching torque		0.9-1.9Nm		
Screw torque		1.5-2.0Nm		
Maximum power loss per contact pair				
2		0.8W	2W	3W
4		1.6W	4W	6W
6		2.4W	6W	9W
8		3.2W	8W	12W
2H		0.4W	1W	1.5W
3H		0.6W	1.5W	2.25W
4H		0.8W	2W	3W
General parameters				

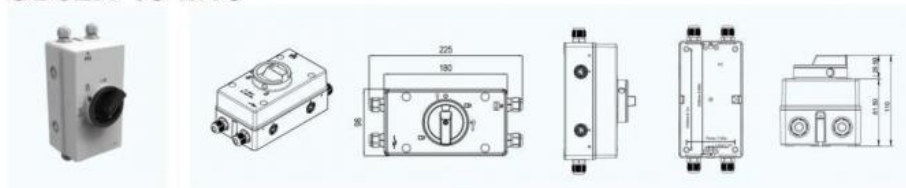
Switch knob position	Close at 12 o'clock, open at 3 o'clock (optionally close at 9 o'clock, open at 12 o'clock)
Mechanical life	10000
Number of DC poles	2 or 4 (6/8 optional)
Distance between contacts (between poles)	8mm
Operating temperature	-40 to +85°C
Storage temperature	-40 to +85°C
Pollution level	2
Overvoltage category	III
IP rating of shaft and mounting screws	IP66

Dimensions

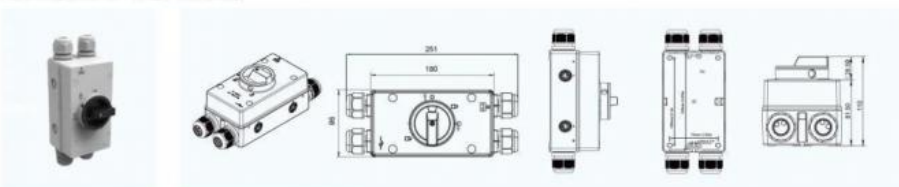
GD32R-4S



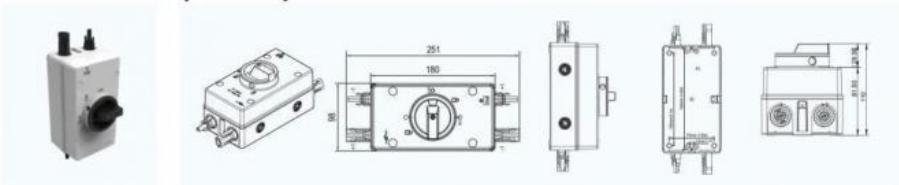
GD32R-4S M16



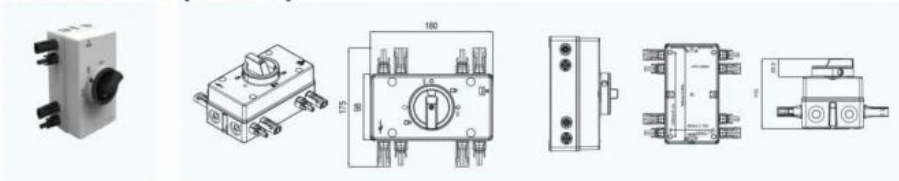
GD32R-4S M25



GD32R-4S (2MC4)



GD32R-4S (4MC4)



Other types of isolating switches



Packaging & Shipping

Packaging Details:

Customized Packing: Header card packing, Blister with card packing, Double blister packing, Canister packing, other packing can be supplied according customers request.

Shipping:

1. By Air or by Sea for batch goods,Airport/ Port receiving;
2. Customers specifying freight forwarders or negotiable shipping methods!

Delivery Detail:

Shipped in 7 days after payment



Company Profile

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

- 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.





Low voltage product:
 Auto/manual transfer switch
 Power meter
 Distribution box(plastic/metal)
 Surger protector device
 Mini /Moulded case circuit breaker
 Insulator

Factory direct sale

Customize

High quality

Professional after-sales service



Main Product



Our Advantages

1. Best ensure 100% customer satisfaction.
2. Our products have one year guarantee.
3. Sample in design and easy to operate and maintain.
4. All electrical parts of products are made up for qualified materials.
5. No MOQ limited for the trial order.
6. We adopt good credit quality electrical appliances.
7. Best customer care and efficient after-sale services.
8. Don't hesitate to inquire us, we will reply you within 12 hours.



FAQ

1. When can I receive your quotation and detail information after send the enquiry?

All your enquiry will be replied within 8 hours.

2. Can I get samples before place an order ?

Of course! We also believe that sample order is the best way to prove the quality. And in our company we offer free sample service! Please send the enquiry to us and get the free sample!

3. Can you print our own logo?

Yes, Our company are available for OEM.

4. How long is the quality guarantee?

2-5 years warranty, our products are 100% inspection.

5. How long is the delivery time?

It usually takes about 3-5 working days for sample order, and 10-20 days for official order.

How to contact us

Send your Inquiry Details in the Below, please Click "[send](#)" Now!

Good price and sample are waiting for you.



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