



## Outdoor Electric Waterproof Isolation Switch DC Changeover Switch 2p 3p 4p ATS 1500V

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

- Run: Plug-In
- Common Model: Ukf
- Structure Of Operating: Manual
- Brand: Golden/OEM
- Color: Grey
- Thickness: 1.5mm
- Function: Conventional Circuit Breaker, Overcurrent Protecti
- Model No.: Gd32r-4s
- Waterproof: IP66
- Current: 16A, 25A, 32A
- Wiring: Upside Input, Downside Output
- Working Temperature: -5 To +60 Degree Celsius
- Rated Insulation Voltage: 1500V
- Tightening Torque Terminal 1.2-1.8nm  
Screw M4



### More Images



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## Product Description

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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

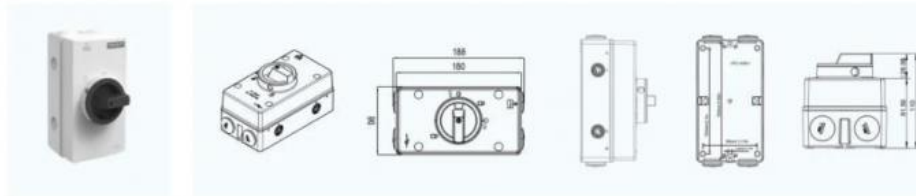
The following data are according to IEC/EN60947-3:2009+A1+A2, AS60947.3, UL508I, GB/T14048.3, use category DC-PV2/DC-PV1

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 <sup>2</sup>		

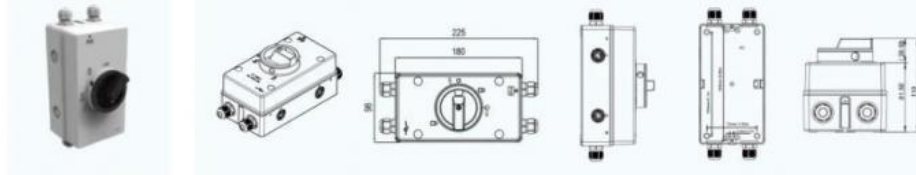
Flexible	4-10mm²		
Flexible (+ multicore cable end)	4-10mm²		
Torque			
Tightening torque of terminal M4 screw	1.2-1.8Nm		
Panel Mounting Screw ST4.2 (304 Stainless Steel) Tightening Torque	0.8-0.9Nm		
Tightening torque for single hole mounting nut M16	2.0-2.5Nm		
Tightening torque of knob M3 screw	0.5-0.7Nm		
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

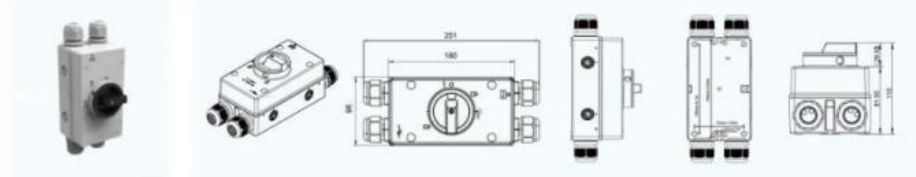
## GD32R-4S



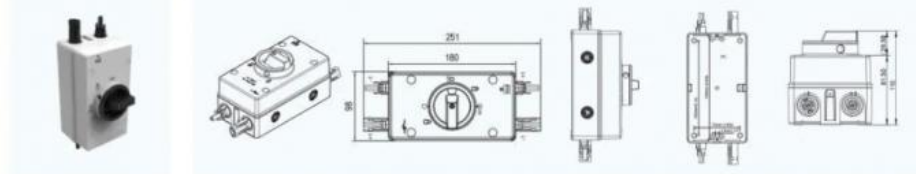
## GD32R-4S M16



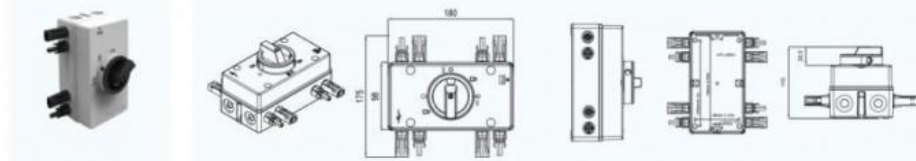
## GD32R-4S M25



## GD32R-4S (2MC4)



## GD32R-4S (4MC4)



## Packaging & Shipping



1) Are you a factory or trading company?  
Yes we are factories.

**2) What is your FOB port?**

FOB Guangzhou, and we can according to customer requirements.

**3) What is your delivery time?**

3-7 days for samples, 10-30 days for large quantities, according to your order.

**4) How about your after-sale service?**

We can offer you timely and best after-sales service. Now we have built our relationship in many overseas countries like Brazil, Pakistan, Japan and German. It makes our after-sale service very easy and effective to reach you. Also our 24 hours online inquiry service is available.

**5) Can I have my own logo on your products?**

Yes, OEM&ODM service is available.



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