



AC Solar Isolator Switch Rotary Handle

ADELS® is a specialized in high quality AC Solar Isolator Switch Rotary Handle manufacturer and supplier in China. AC Solar Isolator Switch Rotary Handle was designed and manufactured, according to GB/14048.3 and IEC60947-3, AC Solar Isolator Switch Rotary Handle is used for AC 50Hz, It can work for 8 hours, intermittent cycle duty, 1 hour working frequency of 30 times. Its electrical life is

up to 10,000, AC-23,6000, AC-3, and 2000 auxiliary contacts. Book a consultation today and see how our switches match your market needs.

Model:FMP

ADELS® is a professional China AC Solar Isolator Switch Rotary Handle manufacturers and suppliers, if you are looking for the best AC Solar Isolator Switch Rotary Handle with low price, consult us now!

AC Solar Isolator Switch Rotary Handle

- Current type: AC 50Hz
 - Number of main contact: ON or OFF
 - Frequency: 8 hour work/intermittent periodic duty,/h operating frequency is 30 times.
- Electrical life: 10,000 times/AC-23, 6,000 times/AC-3, auxiliary contacts for 2000 times.



FMP0-16(20)/L0



FMP1-25(32)/L1



FMP3-40(63)/L3



FMP5-80(100)/L5

AC Solar Isolator Switch Rotary Handle Technical parameters

Wenzhou Feimai Electric Co., Ltd.

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Type		FMPO-16(20)	FMP1-25(35)	FMP3-40	FMP3-63	FMP5-80	FMP5-100
Rated thermal current (Ith)	A	16(20)	25(32)	40	63	80	100
Rated working voltage(Ue)	V	240 440	240 440	240 440	240 440	240 440	240 440
Rating value(Ie/kW)							
AC-21A	A/K W	20/-20/ -	32/-32/ -	40/-40/-	63/-63-	80/-80/-	100/-100/ -
AC-22A	a/kw	20/-20/ -	32/-32/ -	40/-40/-	63/-63-	80/-80/-	100/-100/ -
AC-23A	a/kw	15/4 15/7.5	22/5.5 22/11	30/7.5 30/7.5	43/11 43/22	57/18.5 57/30	70/22 70/22
AC-3	A/K W	11.7/3 11.7/5. 5	15/4 15/7.5	22/7.5 22/11	36/11 36/18.5	43/15 43/22	57/18.5 57/30

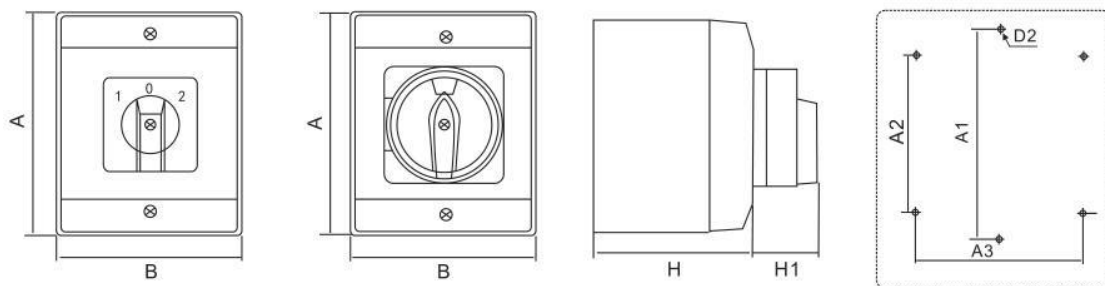
Current type: AC 50Hz

Number of main contact: ON or OFF

Frequency: 8 hour work/intermittent periodic duty,/h operating frequency is 30 times.

Electrical life: 10,000 times/AC-23, 6,000 times/AC-3, auxiliary contacts for 2000 times.

Outline and mounting size



Type	Outline size				Mounting size			
	A	B	H	H1	1 D2	A1	A2	1 A3 I
FMP0-16/20	100	80	65	35	04.5	92	60	60
FMP1-25/32	125	100	85	35	04.5	115	80	80

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FMP3-40/63	175	115	100	35	04.5	165	90	90
FMP5-80/100	240	160	85	35	04.5		193	142

AC Isolator Selection - AC Solar Isolator Switch Rotary Handle

◆AC Isolators are used in both stand-alone grid or network distributed systems. If connected to the distributed network then G83/1 stipulates the PV system must be connected directly to an isolation switch that is wired so as to isolate both the live and neutral conductors, capable of being secured in the “OFF” position and in an accessible location within the installation.

◆Unlike a DC isolator that is required to switch both the positive and negative conductors, an AC isolator should be chosen with regards to the supply being single phase, which is typically found in domestic installations or three phase, which is typical for commercial or industrial installations. Ideally for single phase a 2pole isolator should be used to switch the live and neutral line (earth constantly connected) whilst a 4pole isolator would be used to switch the 3 voltage lines and neutral (earth constantly connected).

◆The isolator rating should be based on the inverter output which is normally specified per phase, that is line to neutral, and for example maybe shown as 20A at 230VAC; if this output is from a three phase unit then the AC isolator must be rated to for the line-to-line voltage which would typically be 415VAC.

◆With both AC and DC isolators the ambient temperature of the environment in which the switch is mounted must be considered as most industrial switches are nominally rated for use in 35°C. However, if the isolator is to be used in an area where solar activity is prevalent, thereby making more efficient use of the installation and greater yield, or in an enclosed space such as a loft or that of an inverter enclosure, then an isolator capable of handling the elevated temperatures should be selected.

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