

AC Isolation Switch

BHAS80 Series 800V 125A

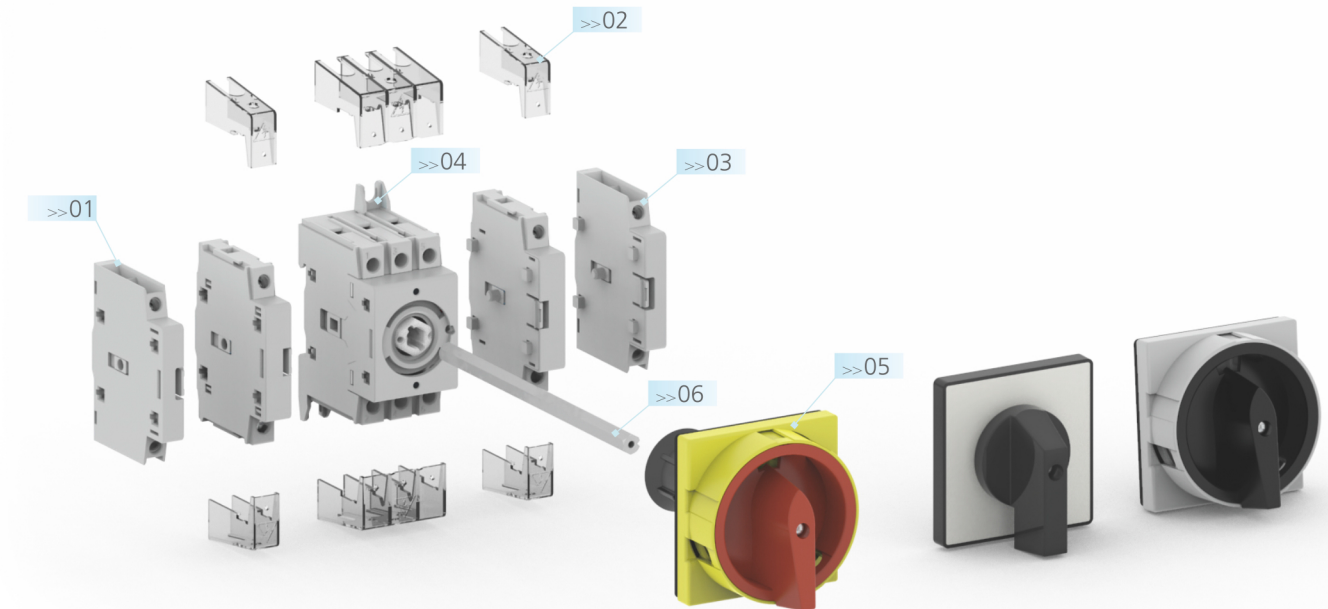
Leading Manufacturer Protects Solar Power Safety

PRODUCT SELECTION GUIDE



AC ISOLATION SWITCH

BHAS80-DC AC Isolator Door Interlock



Rail mounting with door interlocked

Mounting and removal of the fourth pole and auxiliary contact are quick and simple tool-free.

01 Add-on Auxiliary Contacts

The isolating switch adopts the same auxiliary contact, and the auxiliary contact and the main pole of the switch act at the same time. A normally open contact with pre-disconnect function can be provided as required.

The isolation switch can be installed with up to four auxiliary accessories (2 on the right, 2 on the left)

02 Terminal shrouds

The isolation switch terminal shroud has a simple appearance design, high-quality transparent PC material, flame-retardant, high strength, no color change after long-term use, high-quality waterproof and easy to install.

03 Side Mount Add-on Fourth Pole

Simultaneous or early contact operation of the fourth pole with respect to the switch disconnecter poles.

04 Switch body

Aswisch switch adopts compression contact opening and closing technology, and has the function of complete disconnection indication. According to its mechanical principle, this switch can work normally in any position, without having to consider the problem of dropping passengers.

05 Rotating Handle Parts

Rotating handle, with anti-misoperation padlock design to prevent misoperation, safe and reliable; using high-quality flame-retardant materials, insulation and impact resistance; elegant and stylish design, beautiful and durable.

06 Shaft extension

High-carbon steel material, beautiful and corrosion-resistant; coupled with high-temperature treatment, even if sufficient pressure is applied, it can maintain good smoothness; the products are standardized, easy to assemble, low cost, corrosion resistant, and cost-effective.

BHAS80-DC AC Isolator Door Interlock

BHAS80-DC40-BB						BHAS80-DC80-BB				BHAS80-DC125-BB								
		35.5mm				52.5mm				69.1mm								
																		
Type	3P	BHAS80-DC16-3BB	BHAS80-DC20-3BB	BHAS80-DC25-3BB	BHAS80-DC32-3BB	BHAS80-DC40R-3BB	BHAS80-DC63-3BB	BHAS80-DC80-3BB	BHAS80-DC80H-3BB	BHAS80-DC100-3BB	BHAS80-DC125-3BB							
	4P	BHAS80-DC16-4BB	BHAS80-DC20-4BB	BHAS80-DC25-4BB	BHAS80-DC32-4BB	BHAS80-DC40R-4BB	BHAS80-DC63-4BB	BHAS80-DC80-4BB	BHAS80-DC80H-4BB	BHAS80-DC100-4BB	BHAS80-DC125-4BB							
Current(≤40°C)		16A	20A	25A	32A	40A	63A	80A	100A	100A	125A							
Agreed heating current																		
IEC rated operational current Ie AC-21A/B(≤690V)		16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A							
IEC rated operational current Ie AC-22A/B	415V	16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A							
	500V					32A/40A	40A/63A	63A/80A	63A/80A	80A/100A	100A/125A							
	690V																	
IEC rated operational current Ie AC-23A/B	415V	16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A							
	500V				25A/25A		63A/63A			80A/80A	100A/100A							
	690V						40A/40A			63/63A			63A/63A					
IEC rated operational current Ie DC-21B	110VDC	16A ^①	20A ^①	25A ^①	32A ^①	40A ^①	63A ^①	80A ^①	100A ^①	100A ^①	125A ^①							
	250VDC	16A ^②	20A ^②	25A ^②	32A ^②	40A ^②	63A ^②	80A ^②	100A ^②	100A ^②	125A ^②							
	400VDC	16A ^③	20A ^③	25A ^③	25A ^③		40A ^③			63A ^③								
IEC rated operational power (3 phase) AC-23A/B	415V	7.5KW	9KW	11KW	15KW	18.5KW	30KW	37KW	45KW		55KW							
	500V		11KW	15KW														
	690V																	
Short circuit withstand current of fuse protection (kA rms expected value)																		
Fuse class	415V	16A	20A	25A	32A	40A	63A	80A	100A		125A							
Rated conditional short-circuit current	415V	50kA								25kA								
Short circuit withstand current of circuit breaker for protection, any circuit breaker that can trip within 0.3s																		
Rated short-time withstand current	0.3S	2.5kA					3kA			5kA								
Short circuit performance (unprotected)																		
Rated short-time withstand current	1S	1.26kA					1.5kA			2.75kA								
Rated short circuit making capacity		1.8kA					2.1kA			3.9kA								
Cross area of terminals		1.5~16mm²					2.5~35mm²			10~70mm²								
Rated insulation voltage Ui		800V																
Rated impulse withstand voltage Uimp		8kV																
Mechanical Endurance		100000																
Ambient Temperature		Operating -25...+55°C					Storage -40...+70°C											

- ① Each pole is used as positive and negative ② Three poles are used in series with positive and negative poles, of which two poles are in series, and the other is negative
③ four poles are used in series with positive and negative poles

AC ISOLATION SWITCH

BHAS80-DC AC Isolator Door Interlock

BHAS80-DC40R-RY						BHAS80-DC80R-RY				BHAS80-DC125R-RY								
		35.5mm				52.5mm				69.1mm								
																		
Type	3P	BHAS80-DC16R-3RY	BHAS80-DC20R-3RY	BHAS80-DC25R-3RY	BHAS80-DC32R-3RY	BHAS80-DC40R-3RY	BHAS80-DC63R-3RY	BHAS80-DC80R-3RY	BHAS80-DC80HR-3RY	BHAS80-DC100R-3RY	BHAS80-DC125R-3RY							
	4P	BHAS80-DC16R-4RY	BHAS80-DC20R-4RY	BHAS80-DC25R-4RY	BHAS80-DC32R-4RY	BHAS80-DC40R-4RY	BHAS80-DC63R-4RY	BHAS80-DC80R-4RY	BHAS80-DC80HR-4RY	BHAS80-DC100R-4RY	BHAS80-DC125R-4RY							
Current(≤40°C) Agreed heating current		16A	20A	25A	32A	40A	63A	80A	100A	100A	125A							
IEC rated operational current I _e AC-21A/B(≤690V)		16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A							
IEC rated operational current I _e AC-22A/B	415V	16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A							
	500V					32A/40A	40A/63A	63A/80A	63A/80A	80A/100A	100A/125A							
	690V																	
IEC rated operational current I _e AC-23A/B	415V	16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A							
	500V				25A/25A		63A/63A		80A/80A		100A/100A							
	690V						40A/40A		63/63A		63A/63A							
IEC rated operational current I _e DC-21B	110VDC	16A ^①	20A ^①	25A ^①	32A ^①	40A ^①	63A ^①	80A ^①	100A ^①	100A ^①	125A ^①							
	250VDC	16A ^②	20A ^②	25A ^②	32A ^②	40A ^②	63A ^②	80A ^②	100A ^②	100A ^②	125A ^②							
	400VDC	16A ^③	20A ^③	25A ^③	25A ^③		40A ^③		63A ^③									
IEC rated operational power (3 phase) AC-23A/B	415V	7.5KW	9KW	11KW	15KW	18.5KW	30KW	37KW	45KW		55KW							
	500V		11KW	15KW														
	690V																	
Short circuit withstand current of fuse protection (kA rms expected value)																		
Fuse class	415V	16A	20A	25A	32A	40A	63A	80A	100A		125A							
Rated conditional short-circuit current	415V	50kA								25kA								
Short circuit withstand current of circuit breaker for protection, any circuit breaker that can trip within 0.3s																		
Rated short-time withstand current	0.3S	2.5kA				3kA				5kA								
Short circuit performance (unprotected)																		
Rated short-time withstand current	1S	1.26kA				1.5kA				2.75kA								
Rated short circuit making capacity		1.8kA				2.1kA				3.9kA								
Cross area of terminals		1.5~16mm ²				2.5~35mm ²				10~70mm ²								
Rated insulation voltage U _i		800V																
Rated impulse withstand voltage U _{imp}		8kV																
Mechanical Endurance		100000																
Ambient Temperature		Operating -25...+55°C Storage -40...+70°C																

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③ four poles are used in series with positive and negative poles

BHAS80-DC AC Isolator Door Interlock

BHAS80-DC40R-BW						BHAS80-DC80R-BW				BHAS80-DC125R-BW								
		35.5mm				52.5mm				69.1mm								
																		
Type	3P	BHAS80-DC16R-3BW	BHAS80-DC20R-3BW	BHAS80-DC25R-3BW	BHAS80-DC32R-3BW	BHAS80-DC40R-3BW	BHAS80-DC63R-3BW	BHAS80-DC80R-3BW	BHAS80-DC80HR-3BW	BHAS80-DC100R-3BW	BHAS80-DC125R-3BW							
	4P	BHAS80-DC16R-4BW	BHAS80-DC20R-4BW	BHAS80-DC25R-4BW	BHAS80-DC32R-4BW	BHAS80-DC40R-4BW	BHAS80-DC63R-4BW	BHAS80-DC80R-4BW	BHAS80-DC80HR-4BW	BHAS80-DC100R-4BW	BHAS80-DC125R-4BW							
Current(≤40℃) Agreed heating current		16A	20A	25A	32A	40A	63A	80A	100A	100A	125A							
IEC rated operational current Ie AC-21A/B(≤690V)		16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A							
IEC rated operational current Ie AC-22A/B	415V	16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A							
	500V					32A/40A	40A/63A	63A/80A	63A/80A	80A/100A	100A/125A							
	690V																	
IEC rated operational current Ie AC-23A/B	415V	16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A							
	500V				25A/25A		63A/63A			80A/80A		100A/100A						
	690V						40A/40A			63/63A		63A/63A						
IEC rated operational current Ie DC-21B	110VDC	16A ^①	20A ^①	25A ^①	32A ^①	40A ^①	63A ^①	80A ^①	100A ^①	100A ^①	125A ^①							
	250VDC	16A ^②	20A ^②	25A ^②	32A ^②	40A ^②	63A ^②	80A ^②	100A ^②	100A ^②	125A ^②							
	400VDC	16A ^③	20A ^③	25A ^③	25A ^③		40A ^③			63A ^③								
IEC rated operational power (3 phase) AC-23A/B	415V	7.5KW	9KW	11KW	15KW	18.5KW	30KW	37KW	45KW		55KW							
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