



AC Isolation Switch

EAS50EL AC Isolation Switches

Leading Manufacturer Protects Solar Power Safety

Rev5.0 2024/04/23



AC ISOLATION SWITCH

EAS series AC isolation switches



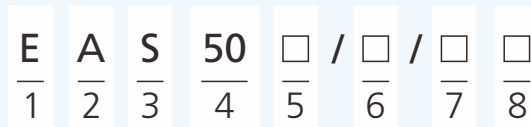
Product Application

The EAS Series AC isolation switches are suitable for switching on and off AC circuit systems, such as in PV systems and air conditioning systems. This weatherproof disconnecter is particularly suited for outdoor installation and can achieve IP66 protection level. The base mounted mechanism provides more convenient termination and wiring room.

Product Benefits

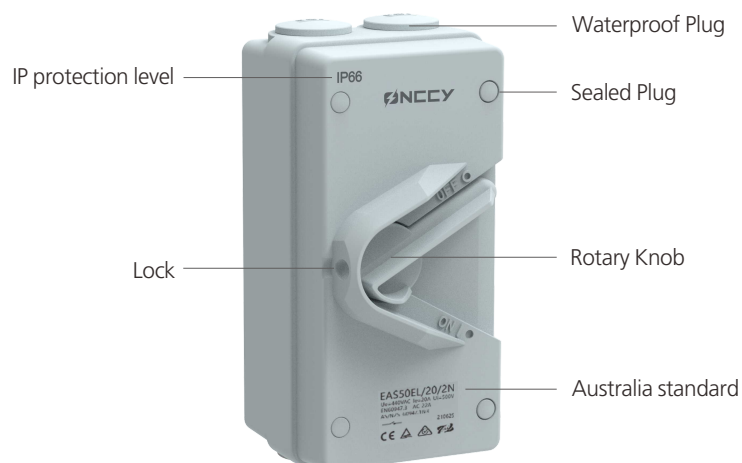
- Switching ON & OFF on-load
- 4pcs screws with protective caps for high strength locking
- IP66 & UV resistance and flame-retardant material
- Dual 25mm threaded conduit entries on top and bottom
- Pad-lockable handle
- 5 years warranty, product insurance, and recall insurance available

Select Code



Code	Name	Description
1	brand	E
2	AC	A
3	Isolation Switch	S
4	Insulation Voltage Ui	50: 500V
5	Mounting Type	EL: Enclosure Box
6	Rated Current	20:20A 35:35A 63:63A
7	Pole	1:1P 2:2P 3:3P 4:4P
8	Size box	N: Big box

Appearance Introduction



EAS series AC isolation switches

Technical Data

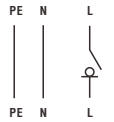
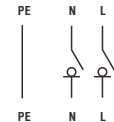
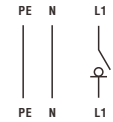
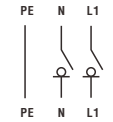
According to EN60947-3, AS/NZS 60947-3

Type designation	EAS50EL/20	EAS50EL/35	EAS50EL/63
Ambient temperature	-5°C ~+40°C		
Interrupting medium	Air		
Utilization category	AC-22A		
Number of poles	1P(x=1), 2P(x=2) 1P(y=1), 2P(y=2), 3P(y=3), 4P(y=4)		
Rated operational voltage / current (Ue/le)	N: AC250(1P),AC440V(2P/3P/4P)		
	20A	35A	63A
Rated frequency	50/60Hz		
Rated Insulation voltage (Ui)	500 V		
Conventional free air thermal current	//		
Conventional enclosed thermal current (Ithe)	20A	35A	63A
Rated short-time withstand current (Icw)	0,76kA, 1s		
Rated short-time making capacity (Icm)	1,5kA		
Short circuit protective device	//		
Rated Impulse withstand voltage (Uimp)	4,0 kV		
Overtoltage category	II		
IP code	IP66		
Pollution degree	3		
Suitability for isolation	Yes		

Terminals /connection

Type designation	EAS50EL
Number of poles	1P, 2P, 3P, 4P
Terminal designation, main circuit	1, 2 ; 1, 2, 3, 4 ; 1, 2, 3, 4, 5, 6 ; 1, 2, 3, 4, 5, 6, 7, 8
Type of terminal, main circuit	Screw terminal
Rated cross sectional area, main circuit	2,5-25mm ²
Type of conductor	Flexible or rigid
Number of conductors per terminal	1
Required preparation of the conductor	No
Stripping length (mm), main circuit	-
Tightening torque, main circuit (Nm)	2,5Nm (M6)

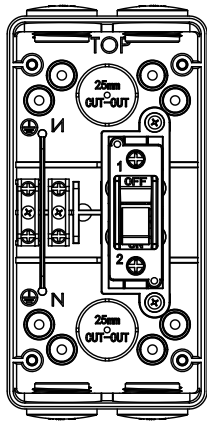
Contacts Wiring Diagram

Type	EAS50EL/N											
Pole	1 Pole			2 Pole			3 Pole			4 Pole		
Rated operational current	20A	35A	63A	20A	35A	63A	20A	35A	63A	20A	35A	63A
Contacts wiring diagram												

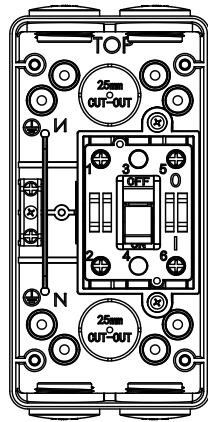
AC ISOLATION SWITCH

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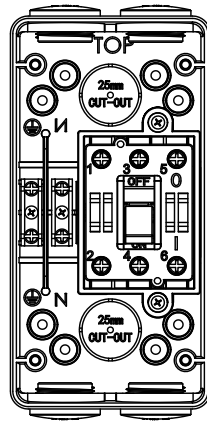
Structure



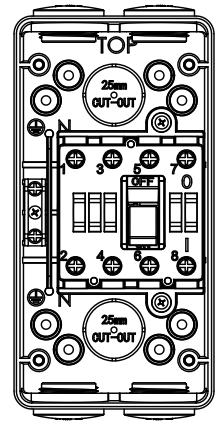
1Pole 250V (20A, 35A, 63A)



2Pole 440V (20A, 35A, 63A)

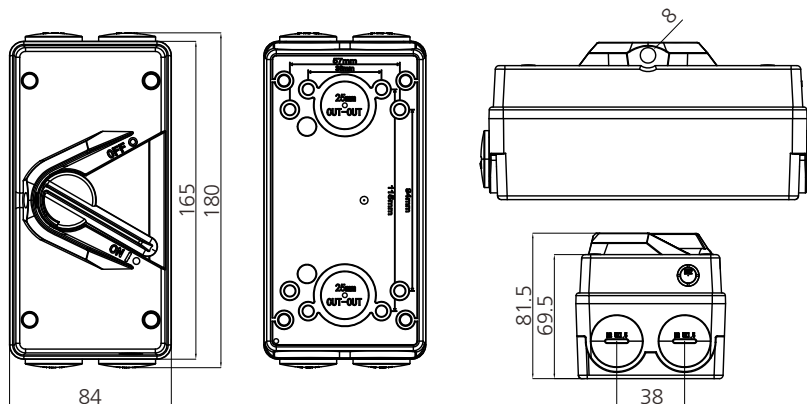


3Pole 440V (20A, 35A, 63A)



4Pole 440V (20A, 35A, 63A)

Dimensions(mm)



EAS series AC isolation switches



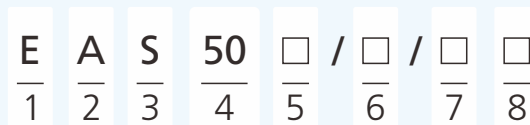
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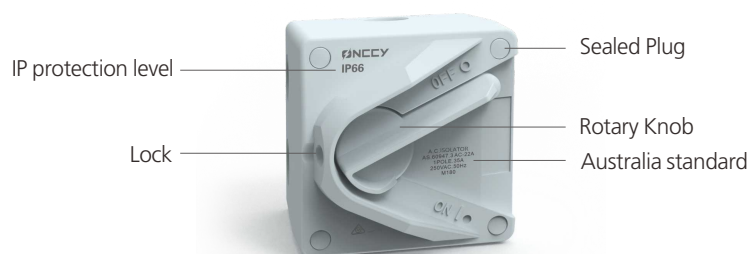
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Utilization category	AC-22A		
Number of poles	1P(x=1), 2P(x=2) 1P(y=1), 2P(y=2)		
Rated operational voltage / current (Ue/Ie)	NS: AC(250V) (1P/2P)		
	20A	35A	63A
Rated frequency	50/60Hz		
Rated Insulation voltage (Ui)	500 V		
Conventional free air thermal current	//		
Conventional enclosed thermal current (Ithe)	20A	35A	63A
Rated short-time withstand current (Icw)	0,76kA, 1s		
Rated short-time making capacity (Icm)	1,5kA		
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Type of terminal, main circuit	Screw terminal
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Dimensions(mm)

