

AC ISOLATION SWITCHES SERIES

EAS series AC isolation switches



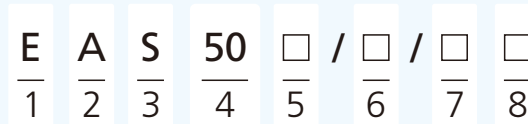
Product Application

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

Product Benefits

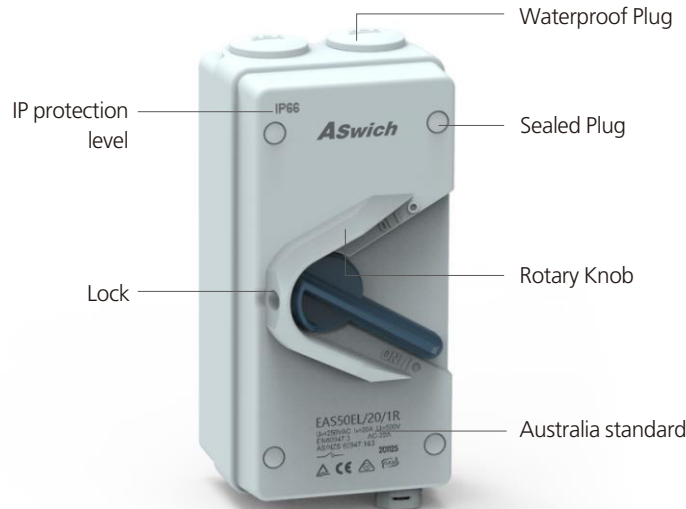
- 1~4 pole available
- Switching ON & OFF on-load
- 4pcs screws with protective caps for high strength locking
- IP66 & UV resistance and flame-retardant material
- Dual 25mm threaded conduit entries on top and bottom
- Pad-lockable handle
- AS 60947.3:2018 and IEC 60947.1:2015 standard
- 5 years warranty, product insurance, and recall insurance available

Select Code



Code	Name	Description
1	ASwich 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 NS:Small box

Appearance Introduction



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	N: AC250(1P),AC440V (2P/3P/4P)		
Rated operational current	NS: AC (250V) (1P/2P)		
Rated frequency (Ie)	20A	35A	63A
Rated Insulation voltage	50/60Hz		
Conventional free air thermal current (Ui)	500 V		
Conventional enclosed thermal current (Ith)	//		
Rated short-time withstand current (Ithe)	20A	35A	63A
Rated short-time making capacity (Icw)	0,76kA, 1s		
Rated conditional short-circuit current (Icm)	1,5kA		
Short circuit protective device (Icn)	//		
Rated Impulse withstand voltage	//		
Overvoltage category (Uimp)	4,0 kV		
IP code	II		
Pollution degree	IP66		
Suitability for isolation	3		
	Yes		

AC ISOLATION SWITCHES SERIES

EAS series AC isolation switches

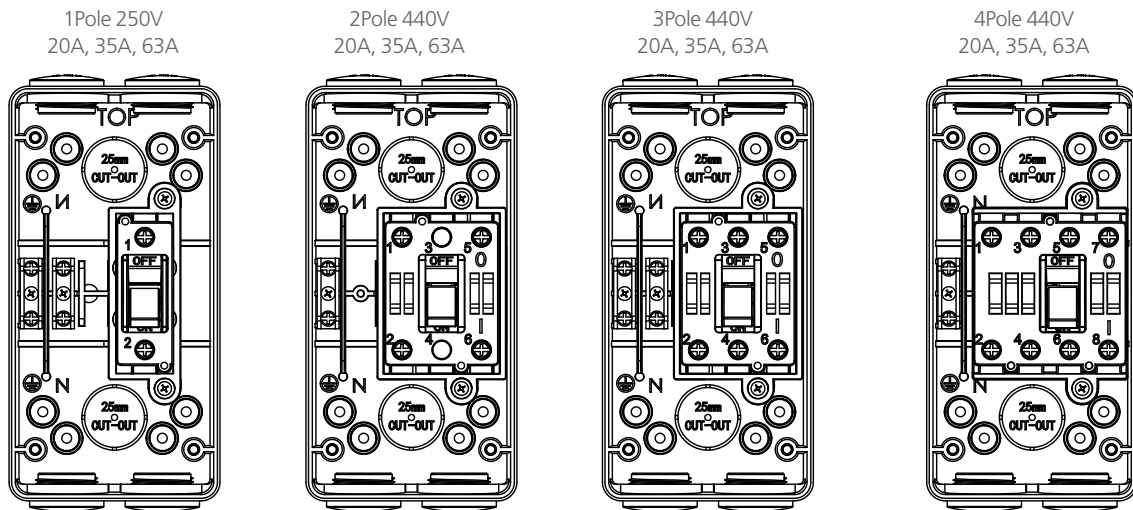
Terminals /connection

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)

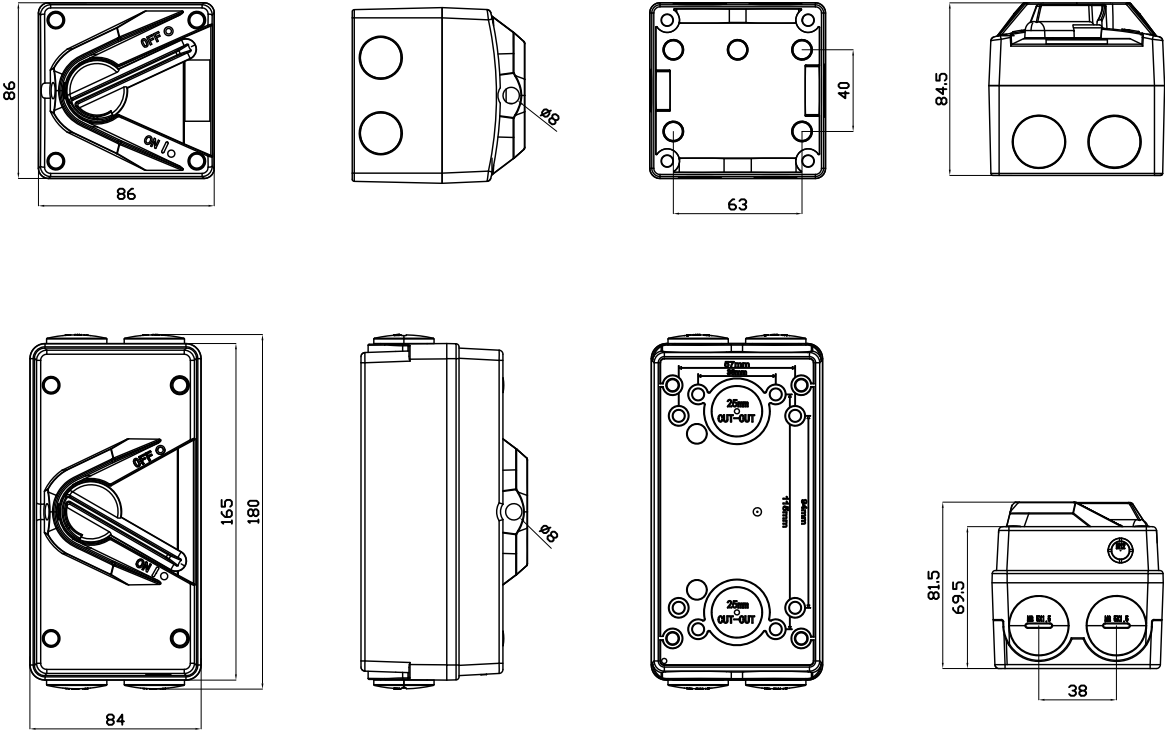
Contacts Wiring Diagram

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

Structure



Dimensions(mm)



Related products available:

