

Acti9 Changeover Switch

Catalog 2023

Changeover Switch from 25 A to 63 A



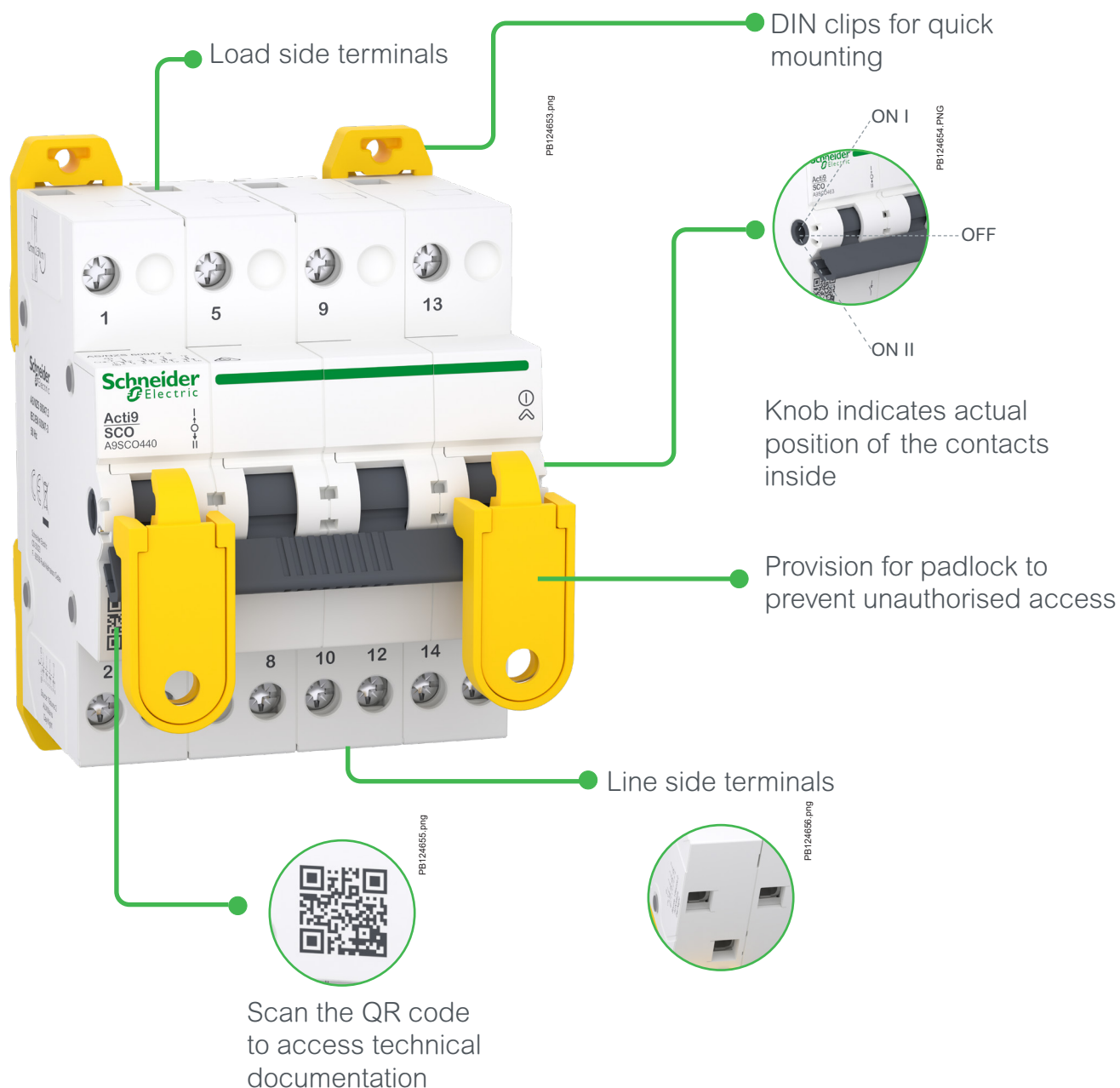
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The Acti9 Changeover Switches provide the perfect solution to switch manually between two power supplies or circuits. The Changeover Switch range comprises of 25 A, 40 A and 63 A in 1P, 2P and 4P versions. The Acti9 Changeover Switches are suitable for electrical panels in small and medium buildings.

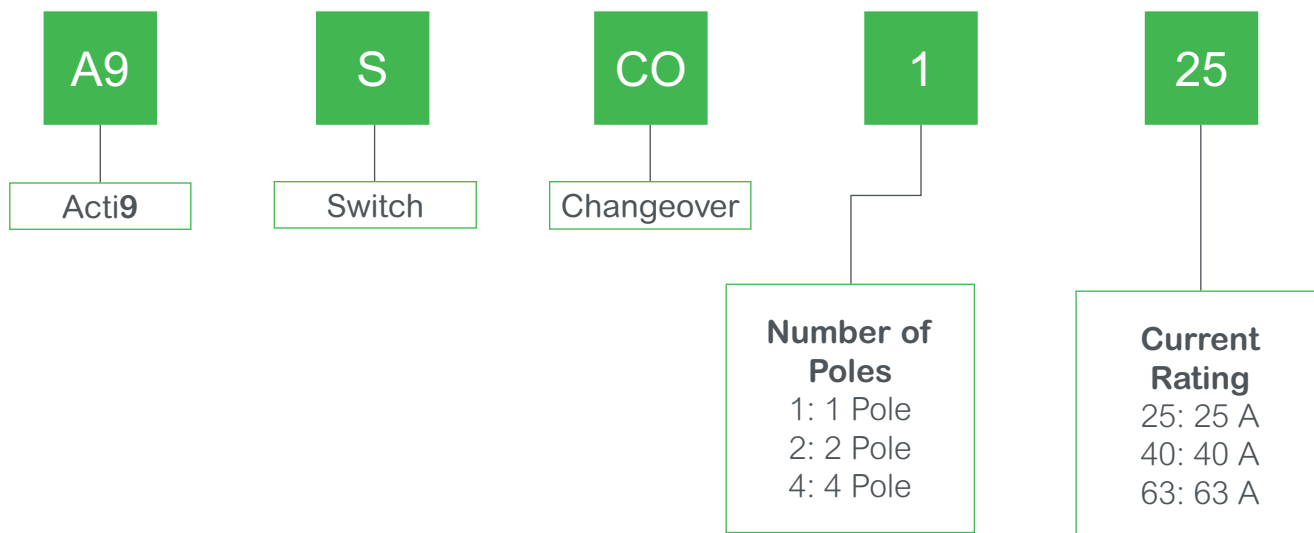
Main Features



Range Highlights

- Conforms to **IEC/EN 60947-3** and **AS/NZS 60947.3**
- Available in 3 positions (I-0-II) with Centre OFF position
- Utilization category AC-22 A

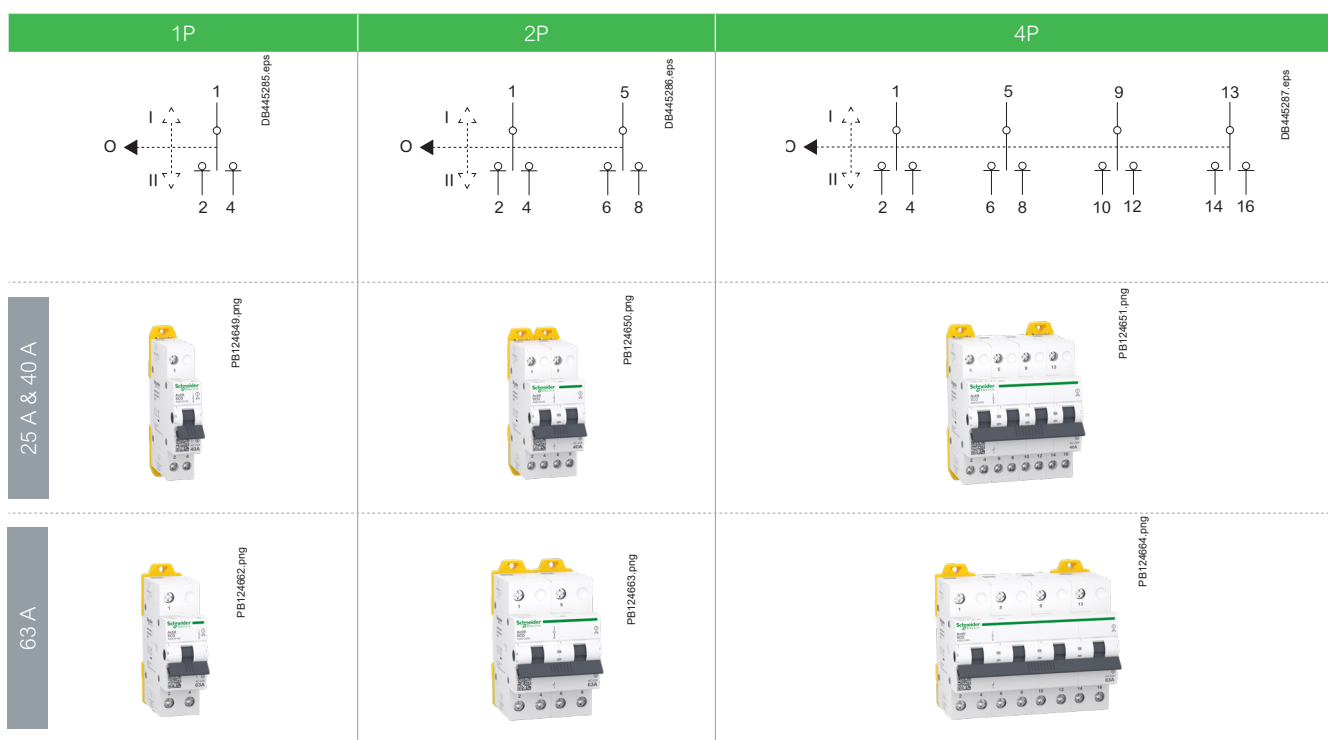
Naming Conventions



Product Range Table

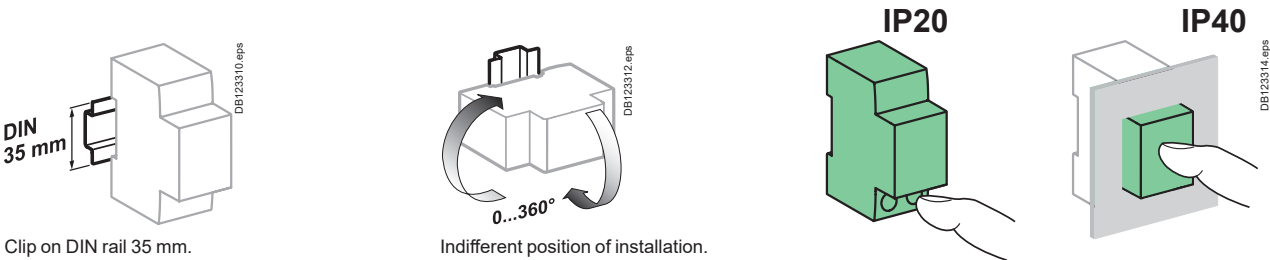
Reference	Description	Pole	Rating	Voltage
A9SCO125	Acti9 iSSW Changeover Switch 1P 25 A I-O-II	1P	25 A	230/240 V AC
A9SCO225	Acti9 iSSW Changeover Switch 2P 25 A I-O-II	2P	25 A	400/415 V AC
A9SCO140	Acti9 iSSW Changeover Switch 1P 40 A I-O-II	1P	40 A	230/240 V AC
A9SCO240	Acti9 iSSW Changeover Switch 2P 40 A I-O-II	2P	40 A	400/415 V AC
A9SCO440	Acti9 iSSW Changeover Switch 4P 40 A I-O-II	4P	40 A	400/415 V AC
A9SCO163	Acti9 iSSW Changeover Switch 1P 63 A I-O-II	1P	63 A	230/240 V AC
A9SCO263	Acti9 iSSW Changeover Switch 2P 63 A I-O-II	2P	63 A	400/415 V AC
A9SCO463	Acti9 iSSW Changeover Switch 4P 63 A I-O-II	4P	63 A	400/415 V AC

Electrical Circuit Diagram

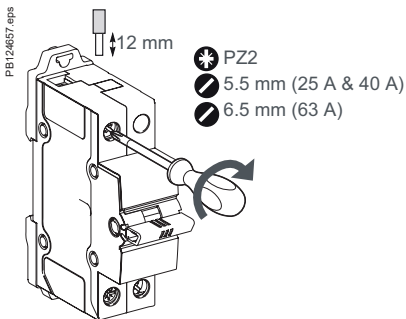





Technical Specifications

Main characteristics				
Voltage rating (Ue)		230-240/400-415 V		
Insulation voltage (Ui)		690 V		
Operating frequency		50 Hz		
Rated impulse withstand voltage (Uimp)		6 kV		
Permissible rated short-time withstand current (Icw)		20 x In for 1 sec		
Rated short-circuit making (Icm)		20 x In		
Utilization category		A9SCO X 25	A9SCO X 40	A9SCO X 63
	AC 21A/B	25 A	40 A	63 A
	AC 22A/B	25 A	40 A	63 A
	AC 23A/B	25 A	32 A	50 A
Pollution degree		3		
Additional characteristics				
Degree of protection (IEC 60529)	Device only	IP20		
	Device in modular enclosure	IP40		
Endurance (O-C)	Electrical	7,000 cycles		
	Mechanical	10,000 cycles		
Operating temperature		-25...+60 °C		
Storage temperature		-40...+80 °C		

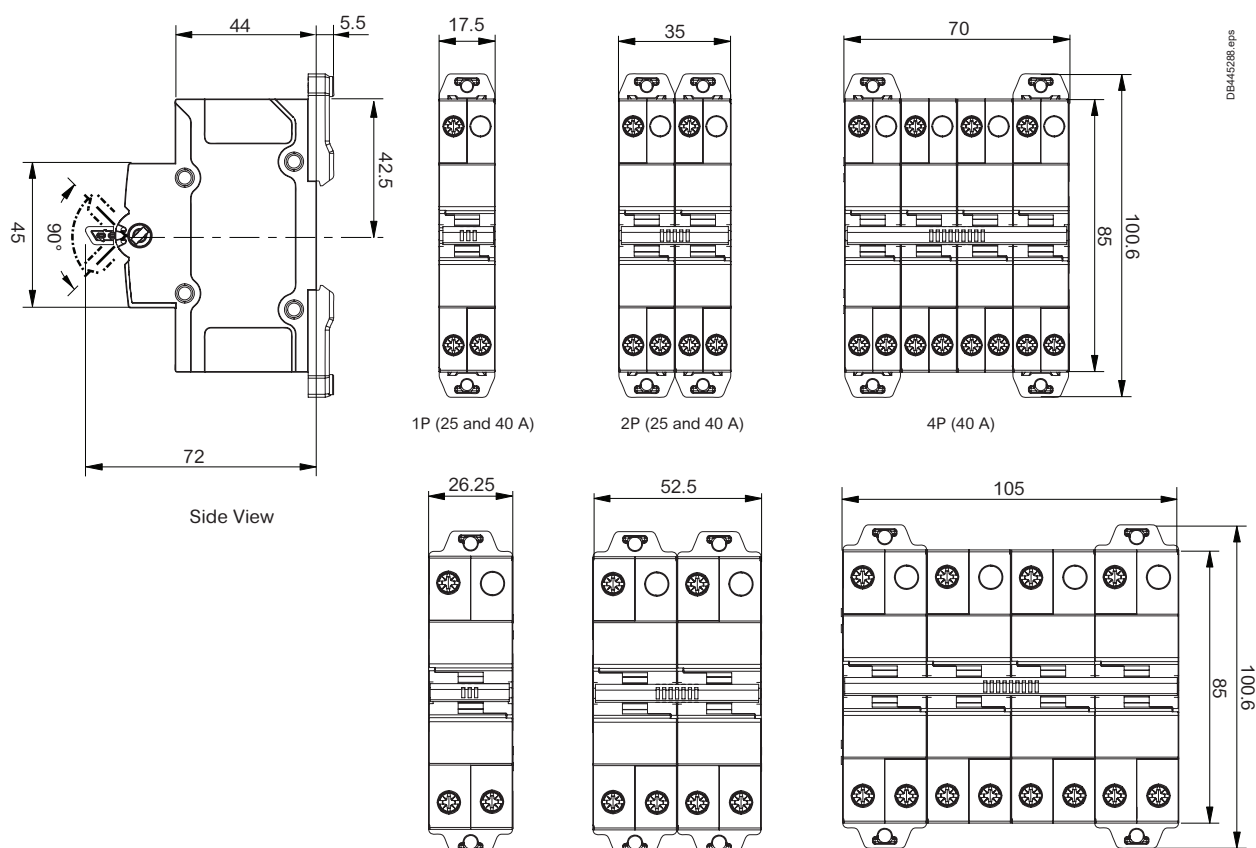


Connection



Rating	Tightening Torque	Copper Cables	
		Rigid	Flexible or with ferrule
	 PB124658.eps	 PB124659.eps	 PB124660.eps
25 A and 40 A	2.5 N.m	1 to 16 mm ²	1 to 10 mm ²
63 A	4 N.m	1 to 25 mm ²	1 to 16 mm ²

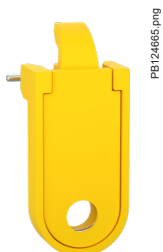
Dimensions (mm)



Weight (g)

Pole	Rating	Weight (g)
1P	25 A	85
2P	25 A	166
1P	40 A	85
2P	40 A	166
4P	40 A	326
1P	63 A	120
2P	63 A	230
4P	63 A	448

Accessories



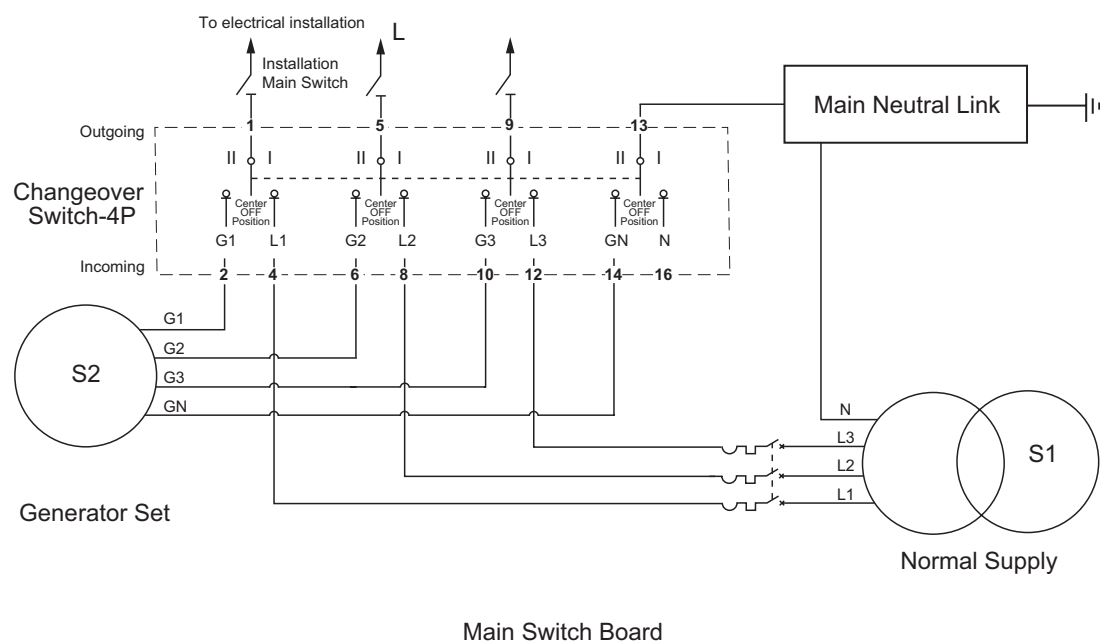
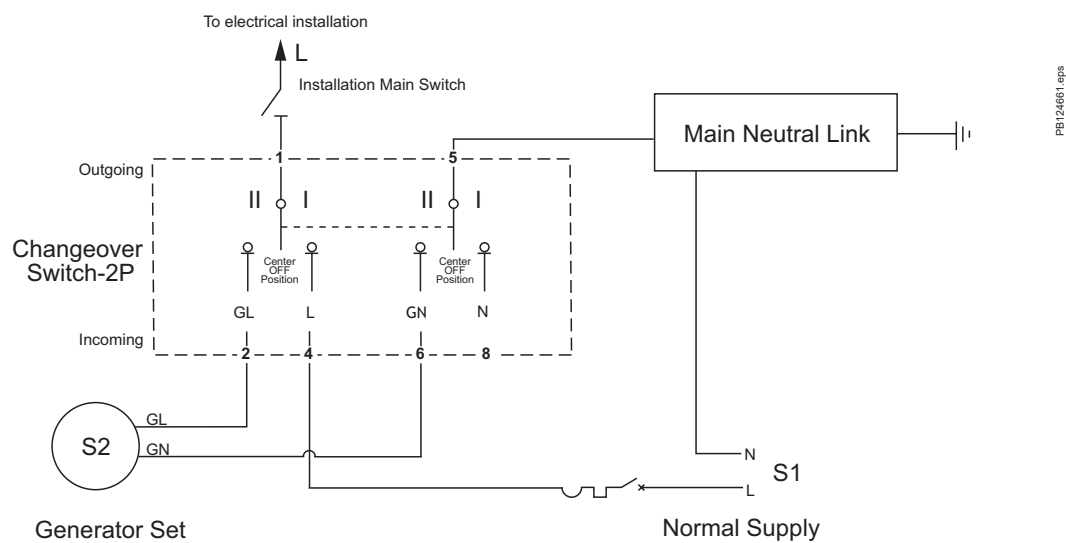
Type	Reference	Description
Padlocking Device	A9ASCOPL1	Padlocking device, Acti9, for changeover switch, for 18 mm width (1 module), set of 2
	A9ASCOPL2	Padlocking device, Acti9, for changeover switch, for 27 mm width (1.5 module), set of 2



Lock HASP : Ø3.5mm to Ø5mm

Main Switch Board Installation Circuit Diagram

Circuit diagram indicating typical location of Changeover Switch in OFF position, on the main switch board with an alternate supply.



- This installation circuit diagram comes from installation rules of AS/NZS 3010 and enforced by AS/NZS 3000.
- Refer to the wiring rules of AS/NZS 3000 and AS/NZS 3010.
- It is valid for countries using a main neutral link in their earthing system, that does not mean it is suitable for all other countries (using TT earthing system for example).



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