

MAX9™

Changeover Switch

Changeover Switch of 40 A and 63 A

Catalogue 2024

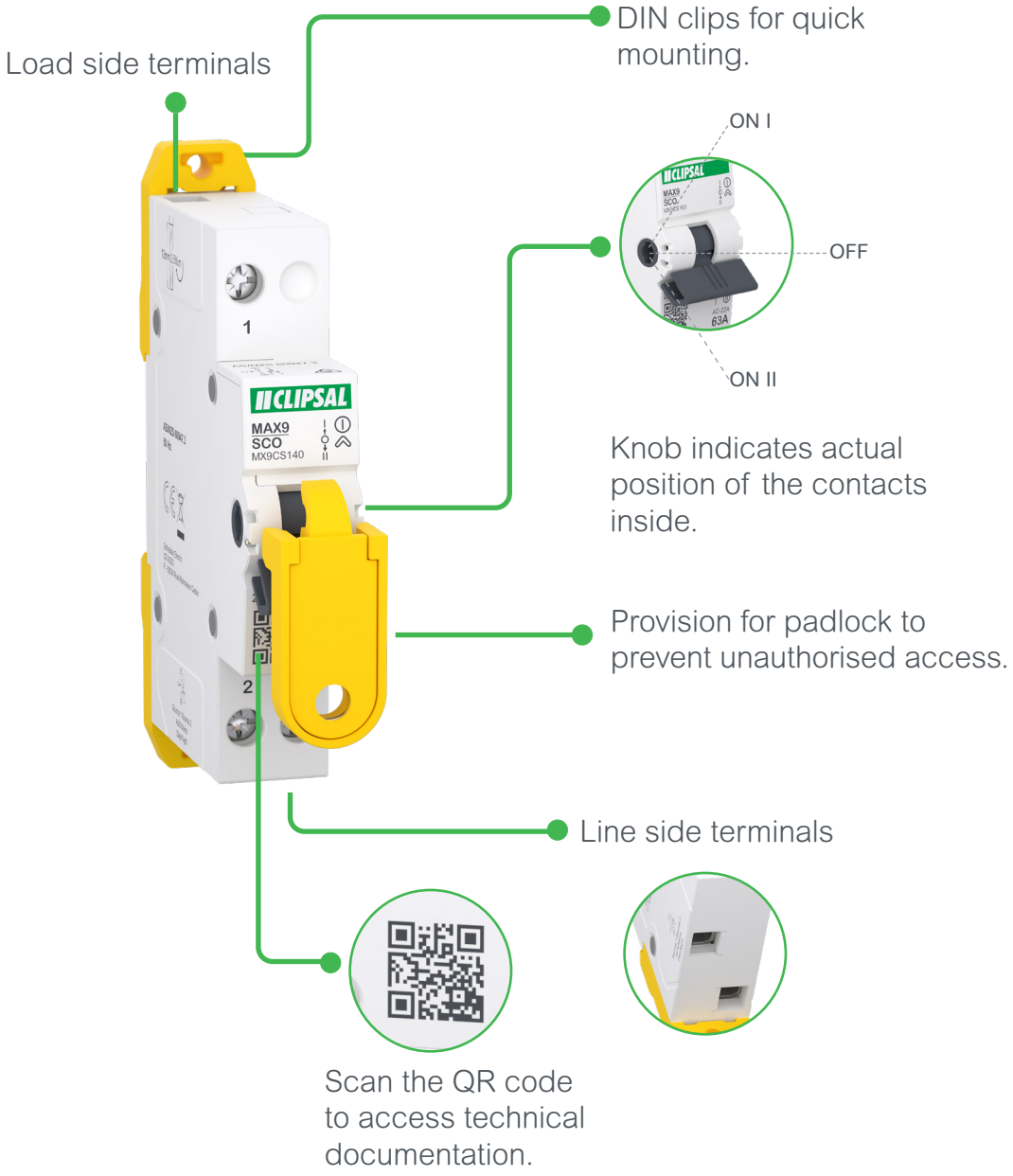
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The MAX9 Changeover Switches provide the perfect solution to switch manually between two power supplies or circuits. The Changeover Switch range comprises of 40 A and 63 A in 1P version. The MAX9 Changeover Switches are suitable for electrical panels in residential and small buildings.

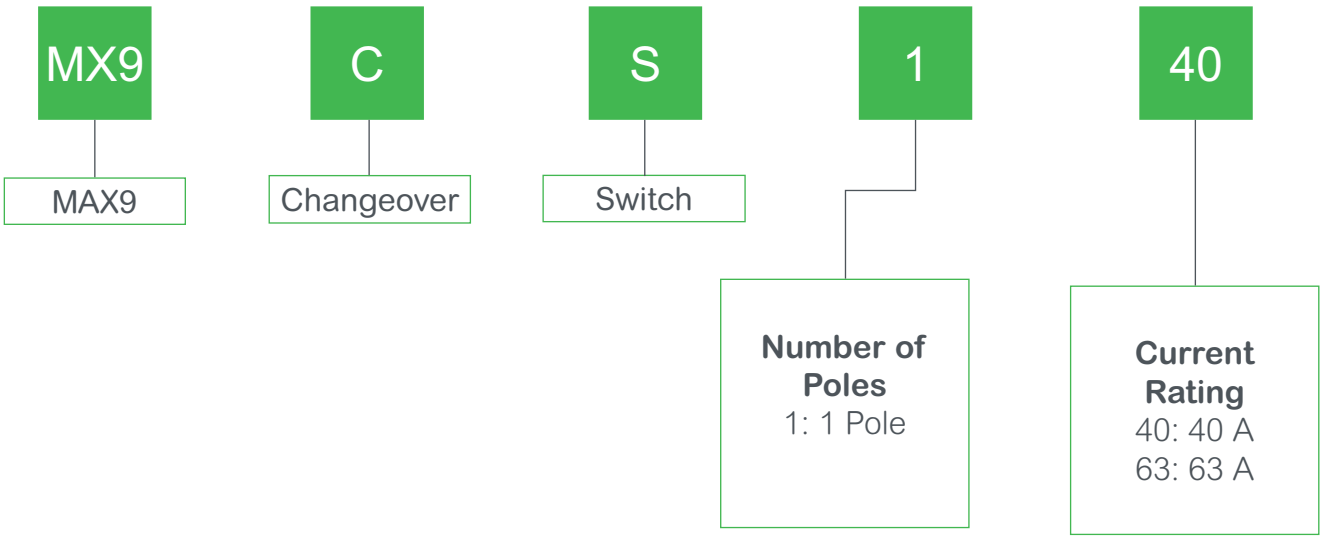
Main Features



Range Highlights

- Conforms to AS 60947.3
- Available in 3 positions (I-0-II) with Centre OFF position
- Utilization category AC-22 A

Naming Convensions

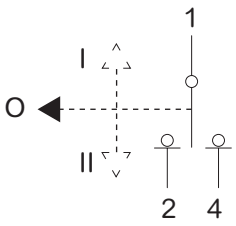


Product Range Table

Reference	Description	Pole	Rating	Voltage
MX9CS140	MAX9 Changeover Switch 1P 40A 230/240 VAC AS/NZS 60947.3	1P	40 A	230/240 V AC
MX9CS163	MAX9 Changeover Switch 1P 63A 230/240 VAC AS/NZS 60947.3	1P	63 A	230/240 V AC

Electrical Circuit Diagram

1P



40 A

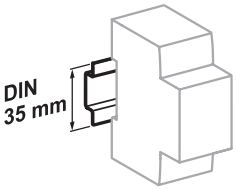


63 A

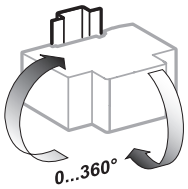


Technical Specifications

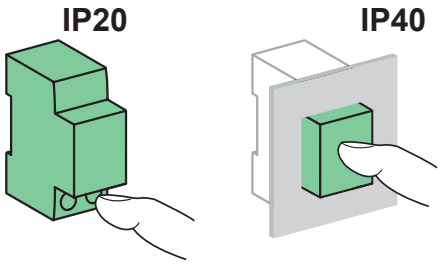
Main characteristics			
Voltage rating (Ue)		230-240 V	
Insulation voltage (Ui)		690 V	
Operating frequency		50 Hz	
Rated impulse withstand voltage (Uimp)		6 kV	
Permissible rated short-time withstand current (Icw)		20 x In for 1 sec	
Rated short-circuit making (Icm)		20 x In	
Utilization category		MX9CS140	MX9CS163
	AC 21A/B	40 A	63 A
	AC 22A/B	40 A	63 A
	AC 23A/B	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	



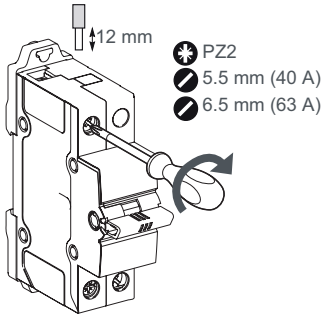
Clip on DIN rail 35 mm.



Indifferent position of installation.

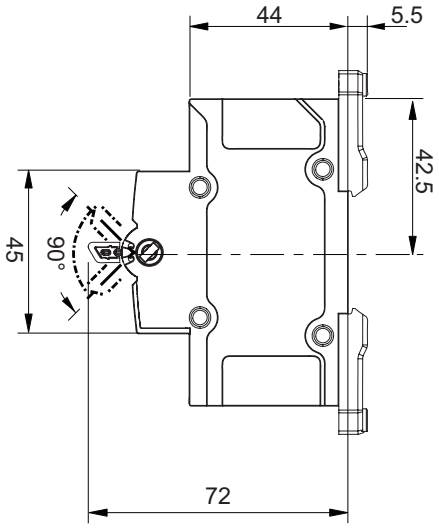


Connection

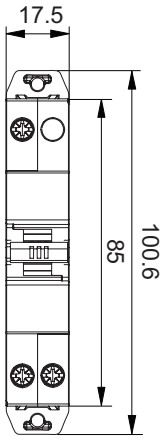


Rating	Tightening Torque	Copper Cables	
		Rigid	Flexible or with ferrule
	C		
40 A	2.5 N.m	1 to 16 mm^2	1 to 10 mm^2
63 A	4 N.m	1 to 25 mm^2	1 to 16 mm^2

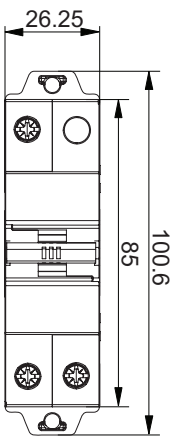
Dimensions (mm)



Side View



1P (40A)



1P (63A)

Weight (g)

Pole	Rating	Weight (g)
1P	40 A	85
1P	63 A	120

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

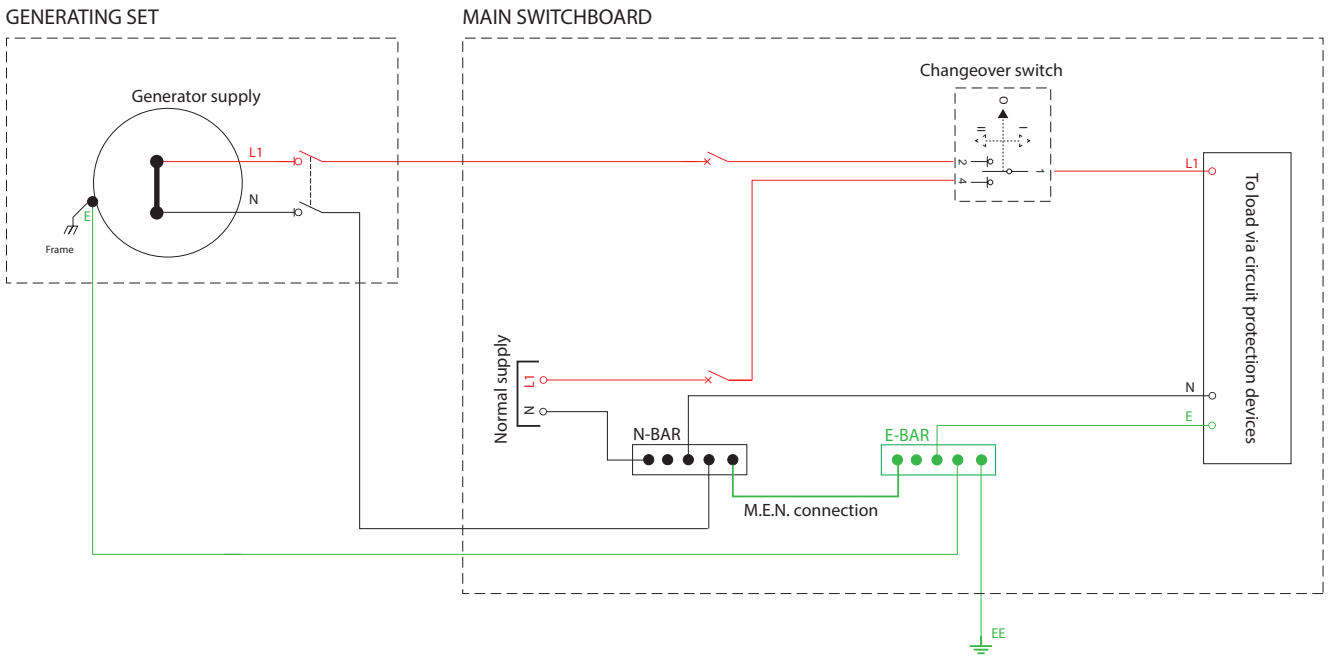
Lock HASP : Ø3.5mm to Ø5mm



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.

Single Phase Alternate Supply Permanent Connection



Note:

- These installation circuit diagrams come from AS/NZS 3010:2017 Electrical installations Generating sets and are enforced by AS/NZS 3000:2018 Electrical installations “Wiring Rules”.
- Refer to AS/NZS 3000 & AS/NZS 3010 for your specific application.
- For three phase alternate supply with permanent connection, please refer to Schneider Electric Acti9 iSSW Changeover Switch 4P A9SCO4**.
- For single and three phase alternate supply connected via plug and socket, please refer to Schneider Electric Acti9 iSSW Changeover Switch 2P or 4P - A9SCO2** or A9SCO4**.



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