EUROPA

Data Sheet
EDS2218-001

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.
All connections should also be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS

Saturn AC Isolators
100 & 125A 4 Pole

Features

- Available in anthracite and grey enclosure with yellow and red handle.
- IP66 rated enclosure.
- Robust polycarbonate enclosure: 960^0 flammability rated (IEC 60695-2-11), UV resistant, halogen free, and lower smoke generation.
- Interlocked rotary switch padlockable in the OFF position, with up to three padlocks.
- Multiple top and bottom cable entry options.
- Retained screws on lid.



Anthracite (AN)



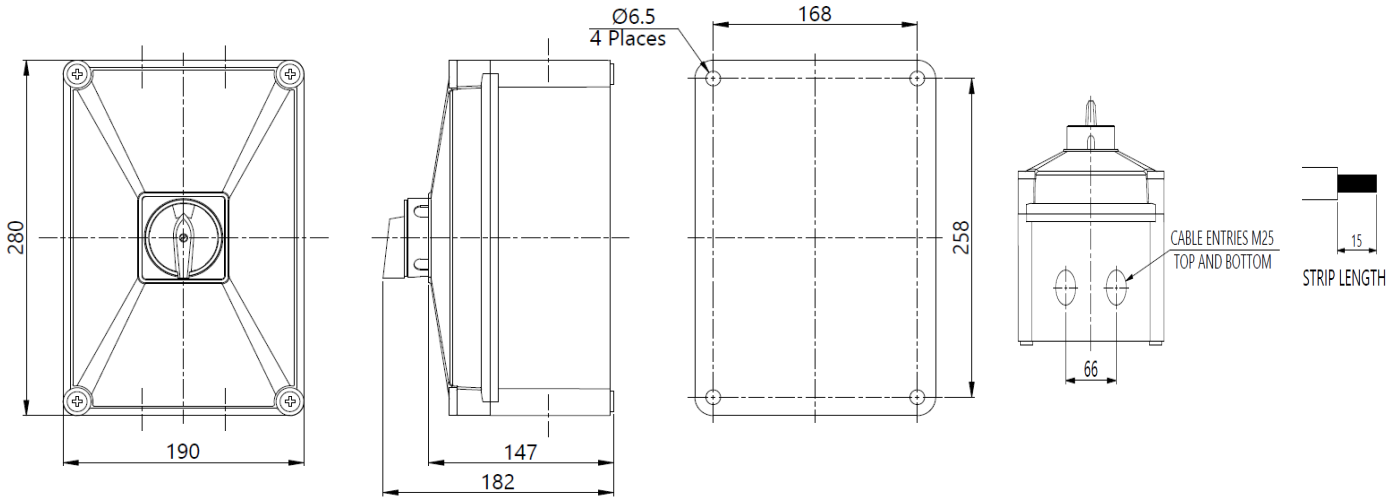
Grey (G)

Data		Range	Units	SAT-IS1004G SAT-IS1004AN	SAT-IS1254G SAT-IS1254AN
Rated Operational Voltage Ue					
IEC & EN		Volts	V	690	690
Main Switch: Isolating Voltage up to		Volts	V	750	750
Rated Impulse Withstand Voltage Uimp		Volts	kV	6	6
Rated Uninterrupted Current Iu		Amps	A	100	125
Rated Operational Current Ie					
IEC & EN	AC-23A	Up to 690V	A	100	125
	AC-22A	Up to 690V	A	100	125
	AC-21A	Up to 690V	A	100	125
	AC-1	Up to 690V	A	100	125
Rated Operational Power AC-23A (50-60Hz)					
3 Phase		380 - 440V	kW	55	75
Rated Operational Power AC-3 (50-60Hz)					
3 Phase		380-440V	kW	45	55
Short Circuit Capacity					
Max Fuse Size (Type gL)		Amps	A	125	125
Rated Fused Short Circuit Current		Amps	kA	30	30
Terminal Specification					
Single/ Multiple Strand Wire			Min-mm^2	2.5	2.5
			Max-mm^2	35	35
Fine-Strand Wire with Sleeve			Min-mm^2	4	4
			Max-mm^2	35	35
Recommended Tightening Torque			Nm	2.5	2.5

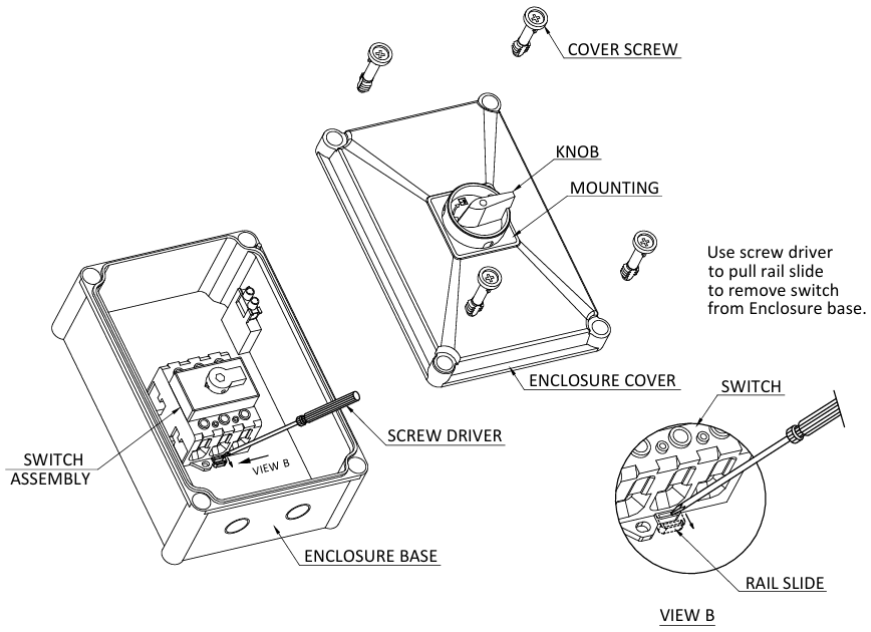
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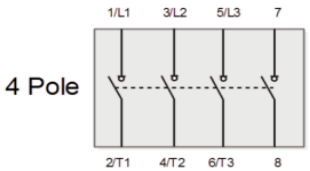
Dimensional Drawings



Mounting Details



Terminal Configuration



Procedure to dismantle the cover:

- Ensure the switch is in the OFF position
- Unscrew the cover screws and remove the cover
- For easy wiring, the switch can be removed from the base and then clicked back into place once wiring is complete
- After wiring ensure the profile orientation of the actuating spindle and knob shaft are in the same position
- Replace the cover and take care not to overtighten the screws (maximum tightening torque 1.5Nm)
- Do not install using power driven screwdrivers

Please note: There is no need to remove the switch handle in order to remove the cover