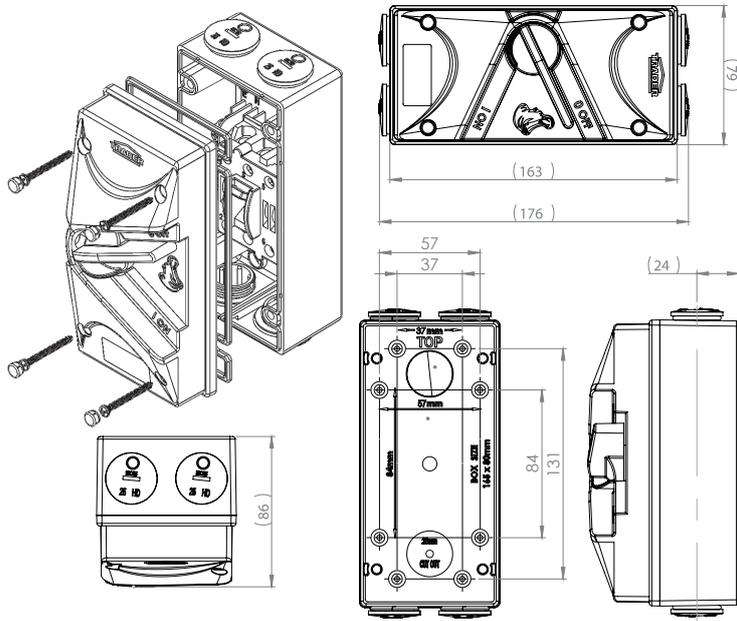
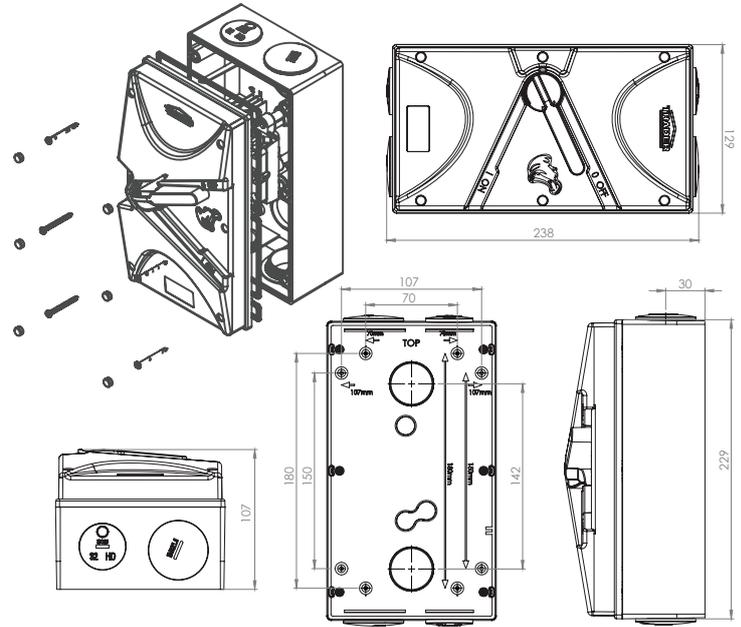


Ratings to IEC60947-3/AS 60947-3 and AS/NZS 3133																	
TYPE	1 POLE SWITCH DISCONNECTOR				2 POLE SWITCH DISCONNECTOR				3POLE SWITCH DISCONNECTOR				4 POLE SWITCH DISCONNECTOR				
Model Number (Check catalogue for availability)	HPISWL***	120	135	140	163	220	235	240	263	320	335	340	363	420	435	440	463
	HPISWXL***	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	363	N/A	N/A	N/A	463
Rated Operational Voltage Ue (50Hz)		250V				440V				440V				440V			
Rated Insulation Voltage Ui (~50Hz)		690V															
Rated Thermal Current Ith		20A	35A	40A	63A	20A	35A	40A	63A	20A	35A	40A	63A	20A	35A	40A	63A
Rated Short Time Withstand Icw (20le)		400A/1s	700A/1s	800A/1s	1.26kA/1s	400A/1s	700A/1s	800A/1s	1.26kA/1s	400A/1s	700A/1s	800A/1s	1.26kA/1s	400A/1s	700A/1s	800A/1s	1.26kA/1s
Rated impulse withstand voltage Uimp (kV)		4.0kV															
Rated short circuit making capacity Icm (28.4le)		568A	994A	1.136kA	1.789kA	568A	994A	1.136kA	1.789kA	568A	994A	1.136kA	1.789kA	568A	994A	1.136kA	1.789kA
Motor Rating in accordance with AS/NZS3133		568A	994A	1.136kA	1.789kA	568A	994A	1.136kA	1.789kA	568A	994A	1.136kA	1.789kA	568A	994A	1.136kA	1.789kA
Motor Rating in accordance with AS/NZS3133		M180															
AC21A (Ue:250V~) (Ie=(A))		20A	35A	40A	63A	-	-	-	-	-	-	-	-	-	-	-	-
(Ue:440V~) (Ie=(A))		-	-	-	-	20A	35A	40A	63A	20A	35A	40A	63A	20A	35A	40A	63A
Operational Power (Pe)(kW)		4.2kW	7.4kW	8.5kW	13.4kW	13.0kW	22.7kW	26.0kW	41.0kW	13.0kW	22.7kW	26.0kW	41.0kW	13.0kW	22.7kW	26.0kW	41.0kW
(HP)		5.7HP	10HP	11.4HP	18.0HP	17.4HP	30.5HP	34.9HP	54.9HP	17.4HP	30.5HP	34.9HP	54.9HP	17.4HP	30.5HP	34.9HP	54.9HP
AC22A (Ue:250V~) (Ie=(A))		20A	35A	40A	63A	-	-	-	-	-	-	-	-	-	-	-	-
(Ue:440V~) (Ie=(A))		-	-	-	-	20A	35A	40A	63A	20A	35A	40A	63A	20A	35A	40A	63A
Operational Power (Pe)(kW)		3.6kW	6.3kW	7.2kW	11.3kW	10.9kW	19.1kW	21.9kW	34.5kW	10.9kW	19.1kW	21.9kW	34.5kW	10.9kW	19.1kW	21.9kW	34.5kW
(HP)		4.8HP	8.4HP	9.6HP	15.2HP	14.7HP	25.7HP	29.3HP	46.2HP	14.7HP	25.7HP	29.3HP	46.2HP	14.7HP	25.7HP	29.3HP	46.2HP
AC23A (Ue:250V~) (Ie=(A))		20A	35A	40A	63A	-	-	-	-	-	-	-	-	-	-	-	-
(Ue:440V~) (Ie=(A))		-	-	-	-	20A	35A	40A	63A	20A	35A	40A	63A	20A	35A	40A	63A
Operational Power (Pe)(kW)		2.9kW	5.1kW	5.8kW	9.2kW	8.9kW	15.5kW	17.8kW	28.0kW	8.9kW	15.5kW	17.8kW	28.0kW	8.9kW	15.5kW	17.8kW	28.0kW
(HP)		3.9HP	6.8HP	7.8HP	12.3HP	11.9HP	20.9HP	23.8HP	37.6HP	11.9HP	20.9HP	23.8HP	37.6HP	11.9HP	20.9HP	23.8HP	37.6HP
Rated Duty		Uninterrupted															
IP Rating		IP66															
Terminal torque - Recommended (Nm)		2.5Nm															
Minimum Conductor size (mm ²)		2.5	10	10	16	2.5	10	10	16	2.5	10	10	16	2.5	10	10	16
Maximum Conductor size (mm ²)		25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Cover screw torque - Recommended (Nm)		0.6Nm															
Earth/Neutral Terminal torque - Recommended (Nm)		2.0Nm															
Terminal bore (Diameter and cross section)		7.6mm suits 25mm ²															
Terminal bore box mounted Earth/Neutral (Diameter and cross section)		6.3mm suits 16mm ²															
Pollution degree		2															
Lock-off padlock size		8.0MM Padlock staple															

LARGE ISOLATORS



EXTRA LARGE ISOLATORS



INSTALLATION

Warning: must be installed by a licenced electrician, risk of injury or death.

Ensure incoming supply to the unit is disconnected prior to installation of this unit.

Ensure a suitable surface is selected to mount the switch disconnector and follow AS/NZS 3000 regulations

Ensure conduit is sealed and rear mounting screws sealed with caps and silicone compound where necessary to maintain the IP66 rating.

All reducers, glands or conduit fittings connected MUST be sealed with Teflon tape, sealant or tightened with the o-ring seal provided on the threaded plugs.

Correct cable sizes and current rating for the load and switch disconnector application to be used and current rating must not be exceeded.

When mounting the rear assembly with cover removed, the word "TOP" on the inner back surface MUST be at the top.

Ensure the switch-disconnector is in the OFF position prior to connecting cables and use the recommended torque from the table

Install the cover with the switch actuator in the 0 position and tighten the 4 cover screws to the torque shown in the table and ensure it is correctly sealed. (Apply the 4 plastic caps over the screw heads).

Ensure installation is safe and in the OFF position and reconnect power from incoming supply.

10 Year Manufacturer's Warranty

This product has been manufactured to the highest quality standards. This product is warranted to the original purchaser and is not transferable. GSM Electrical (Australia) Pty Ltd's liability under this warranty is limited to the replacement and/or repair of the defective parts within the warranty period and does not extend to installation or removal of the product. Acceptance of liability by GSM Electrical (Australia) Pty Ltd contained herein is to the exclusion of any other remedy whatsoever and howsoever arising in respect of any equipment to which it applies.

