

HPISWL463



Large Isolators

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	140	163	220	240	263	320	340	363	420	440	463
Rated Operational Voltage Ue (50Hz)	250V			440V			440V			440V		
Rated Insulation Voltage Ui (~50Hz)	690V											
Rated Thermal Current Ith	20A	40A	63A	20A	40A	63A	20A	40A	63A	20A	40A	63A
Rated Short Time Withstand Icw (20Ie)	400A/1s	800A/1s	1.26kA/1s	400A/1s	800A/1s	1.26kA/1s	400A/1s	800A/1s	1.26kA/1s	400A/1s	800A/1s	1.26kA/1s
Rated impulse withstand voltage Uimp (kV)	4.0kV											
Rated short circuit making capacity Icm (28.4Ie)	568A	1.136kA	1.789kA	568A	1.136kA	1.789kA	568A	1.136kA	1.789kA	568A	1.136kA	1.789kA
Motor Rating in accordance with AS/NZS3133	568A	1.136kA	1.789kA	568A	1.136kA	1.789kA	568A	1.136kA	1.789kA	568A	1.136kA	1.789kA
Motor Rating in accordance with AS/NZS3133	M180											
AC21A (Ue:250V~) (Ie=(A))	20A	40A	63A	-	-	-	-	-	-	-	-	-
(Ue:440V~) (Ie=(A))	-	-	-	20A	40A	63A	20A	40A	63A	20A	40A	63A
Operational Power (Pe) (kW)	4.2kW	8.5kW	13.4kW	13.0kW	26.0kW	41.0kW	13.0kW	26.0kW	41.0kW	13.0kW	26.0kW	41.0kW
(HP)	5.7HP	11.4HP	18.0HP	17.4HP	34.9HP	54.9HP	17.4HP	34.9HP	54.9HP	17.4HP	34.9HP	54.9HP
AC22A (Ue:250V~) (Ie=(A))	20A	40A	63A	-	-	-	-	-	-	-	-	-
(Ue:440V~) (Ie=(A))	-	-	-	20A	40A	63A	20A	40A	63A	20A	40A	63A
Operational Power (Pe) ((kW)	3.6kW	7.2kW	11.3kW	10.9kW	21.9kW	34.5kW	10.9kW	21.9kW	34.5kW	10.9kW	21.9kW	34.5kW
(HP)	4.8HP	9.6HP	15.2HP	14.7HP	29.3HP	46.2HP	14.7HP	29.3HP	46.2HP	14.7HP	29.3HP	46.2HP
AC23A (Ue:250V~) (Ie=(A))	20A	40A	63A	-	-	-	-	-	-	-	-	-
(Ue:440V~) (Ie=(A))	-	-	-	20A	40A	63A	20A	40A	63A	20A	40A	63A
Operational Power (Pe) (kW)	2.9kW	5.8kW	9.2kW	8.9kW	17.8kW	28.0kW	8.9kW	17.8kW	28.0kW	8.9kW	17.8kW	28.0kW
(HP)	3.9HP	7.8HP	12.3HP	11.9HP	23.85HP	37.6HP	11.9HP	23.85HP	37.6HP	11.9HP	23.85HP	37.6HP
Rated Duty	Uninterrupted											
IP Rating	IP66											
Terminal torque - Recommended (Nm)	2.5Nm											
Minimum Conductor size (mm²)	2.5	10	16	2.5	10	16	2.5	10	16	2.5	10	16
Maximum Conductor size (mm²)	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 25mm²											
Terminal bore box mounted Earth/Neutral (Diameter and cross section)	6.3mm suits 16mm²											
Pollution degree	2											
Lock-off padlock size	8.0MM Padlock staple											

PAGE 2 of 2

Certification Number:

HPISWL120, HPISWL220, HPISWL320, HPISWL420: GMA-516768-EA
HPISWL140, HPISWL163, HPISWL240, HPISWL263, HPISWL340,
HPISWL363, HPISWL440, HPISWL463: GMA-516781

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