

SI40 Series - Switch Disconnecter Data Current & Voltage



Switch Disconnecter Voltage, Current and Associated Data

Identification	Rating Data			
Switch, unenclosed – catalogue number (with DC-PV2 rating)	SI40-DBL-4*			
Specific dedicated individual enclosure – catalogue number (with minimum IP56NW rating)	N/A			
Assembly of switch and dedicated individual enclosure – catalogue number	SI40-PEL64R-4*			
I_{th} rated thermal current, unenclosed, at 40°C shade ambient air temperature	40A			
I_{the} rated thermal current, indoor, at 40°C shade ambient air temperature, in a specific dedicated enclosure	40A			
I_{the} rated thermal current, outdoors, at 40°C shade ambient air temperature, without solar effects in a specific dedicated enclosure IP66NW	40A			
I_{the} solar current value, outdoors, at 40°C shade ambient air temperature with solar effects in a specific dedicated enclosure rated IP66NW	40A			
I_{the} solar current value, outdoors, at 60°C shade ambient air temperature with solar effects in a specific dedicated enclosure rated IP66NW	40A			
	U_e rated Operational Voltage V d.c.	I_e DC-PV2 rated operational current A	I_c (make) and I_c (break) DC-PV2 4 x I_e A	Min Cable Size mm ²
1 Pole 	≤500	40	160	10mm ²
	600	30	120	6mm ²
	700	19	76	2.5mm ²
	800	10	40	
	900	7	28	
	1000	6	24	
2 Poles Series 	≤500	40	160	10mm ²
	600	40	160	
	700	35	140	
	800	33	132	4mm ²
	900	25	100	
	1000	16	64	2.5mm ²
4 Poles Series 	≤500	48	192	10mm ²
	600	48	192	
	700	48	192	
	800	40	160	
	900	40	160	
	1000	40	160	

* Can be followed by T, M25A or T-M25A.

T= 2x2 poles series, M25A= M25 threaded gland entries



IMO Pacific Pty Ltd, 9 Dillington Pass, Landsdale, WA 6065.
Tel: 1300 342131 Email: sales@imopacific.com.au
www.imopacific.com.au



Errors and omissions excepted. Subject to change without notice. © 2019 IMO Precision Controls Ltd