

SI32 Series - Switch Disconnecter Data Current & Voltage



Switch Disconnecter Voltage, Current and Associated Data

Identification	Rating Data			
Switch, unenclosed – catalogue number (with DC-PV2 rating)	SI32-DBL-4*			
Specific dedicated individual enclosure – catalogue number (with minimum IP56NW rating)	N/A			
Assembly of switch and dedicated individual enclosure – catalogue number	SI32-PEL64R-4*			
I_{th} rated thermal current, unenclosed, at 40°C shade ambient air temperature	32A			
I_{the} rated thermal current, indoor, at 40°C shade ambient air temperature, in a specific dedicated enclosure	32A			
I_{the} rated thermal current, outdoors, at 40°C shade ambient air temperature, without solar effects in a specific dedicated enclosure IP66NW	32A			
I_{the} solar current value, outdoors, at 40°C shade ambient air temperature with solar effects in a specific dedicated enclosure rated IP66NW	32A			
I_{the} solar current value, outdoors, at 60°C shade ambient air temperature with solar effects in a specific dedicated enclosure rated IP66NW	28.2A			
	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	14	56	2.5mm ²
	600	8	32	
	700	3	12	
	800	3	12	
	900	2	8	
	1000	2	8	
2 Poles Series 	≤500	32	128	6mm ²
	600	27	108	4mm ²
	700	22	88	
	800	17	68	
	900	12	48	
	1000	6	24	2.5mm ²
4 Poles Series 	≤500	32	128	6mm ²
	600	32	128	
	700	32	128	
	800	32	128	
	900	32	128	
	1000	32	128	

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

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



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