

PV DC ENCLOSED ISOLATOR

40A 1000V DC21B/DC-PV2 4P Enclosed Isolator

Technical Data

Main Contacts	Type	IPV40E			IPV240E		
		DC-PV2	DC-21B	AS5033 2014 Appendix B5	DC-PV2	DC-21B	AS5033 2014 Appendix B5
Rated thermal current I _{the}	A	40		Making & Breaking 5 x operations	40		Making & Breaking 5 x operations
Rated insulation voltage U _i 1)	V	1500			1500		
Rated insulation voltage U _i 2)	V	1500			1500		
Rated operational current I _e 1 pole	500V	20	20	80	20	20	80
	600V	20	20	80	15	20	60
	700V	16	16	64	10	16	40
	800V	9	12	36	8	12	32
	900V	9	12	36	6	12	24
	1000V	4	11	16	4	11	16
2 poles in series	500V	40	40	160	25	40	60
	600V	40	40	160	25	40	60
	700V	32	32	128	25	32	48
	800V	20	27	80		27	40
	900V	15	27	60		27	40
	1000V	16	25	64		25	37
	1500V	6	10	24		10	15
2 poles in series + 2 pole in parallel	500V				72	72	288
	600V				64	64	256
	700V				35	35	140
	800V				30	30	120
	900V				25	25	100
	1000V				20	20	80
4 poles in series	500V	40	40	160	40	40	160
	600V	40	40	160	40	40	160
	700V	40	40	160	40	40	160
	800V	40	40	160	40	40	160
	900V	40	40	160	40	40	160
	1000V	40	40	160	40	40	160
	1500V	25	32	100	32	32	128



IPV40E



IPV240E