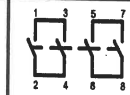
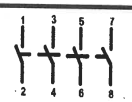
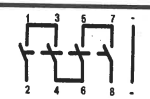
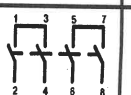
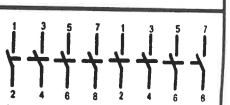
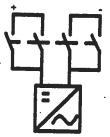
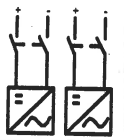
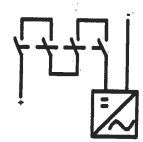
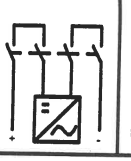
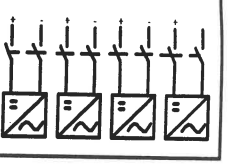
TECHNICAL DATA

DC Isolators Rating Chart

			IEC RATING 60947-3 - DC 21 B & DC PV2			
TYPE	CONFIGURATION	CONTACT SEQUENCE	500V	700V	1000V	1500V
DC LB216	1	1 pole	12	10	6	–
	1 2	2 poles in series	16	16	–	–
	1 2 / 3 4	2 poles in series + 2 poles in series	–	–	–	–
	1 2 / 3 4	2 poles in series + 2 parallel	55	25	12	3
	1 2 3 4	4 poles in series	20	20	20	16
	1 2 3 4 / 5 6 7 8	4 poles in series + 2 parallel	29	29	29	16
DC LB225	1	1 pole	16	12	8	–
	1 2	2 poles in series	20	20	–	–
	1 2 / 3 4	2 poles in series + 2 poles in series	–	–	–	–
	1 2 / 3 4	2 poles in series + 2 parallel	63	32	16	4
	1 2 3 4	4 poles in series	25	25	25	23
	1 2 3 4 / 5 6 7 8	4 poles in series + 2 parallel	45	45	45	23
DC LB232	1	1 pole	20	16	11	–
	1 2	2 poles in series	25	25	–	–
	1 2 / 3 4	2 poles in series + 2 poles in series	–	–	–	–
	1 2 / 3 4	2 poles in series + 2 parallel	72	35	20	6
	1 2 3 4	4 poles in series	40	40	40	32
	1 2 3 4 / 5 6 7 8	4 poles in series + 2 parallel	63	63	63	32

Switching Configurations

Type	2 poles	2+2-pole 2 pole in series +2 poles parallel	4 poles	4 pole (with jumpers, input on top & output at bottom)	4 pole (with jumpers, both input & output at bottom)	8 poles
DC LB216 / DC LB225 / DC LB232	30209	32409	30409	30449	30429	30809
Contacts Wiring diagram						
Switching example						

Terminal cross section

TERMINAL CROSS SECTION		MEASSURE	DC LB216	DC LB225	DC LB232
Single/ Multiple strand wire	Min	mm^2	2.5	2.5	2.5
	Max	mm^2	10	10	16
Fine strand wire with sleeve	Min	mm^2	0.75	0.75	2.5
	Max	mm^2	6	6	10
American Wire Gauge	–	AWG	10	10	8
Recommended Tightening Torque for Terminals	–	Nm	1.7	1.7	2.0