

MODULAR ACCESSORIES

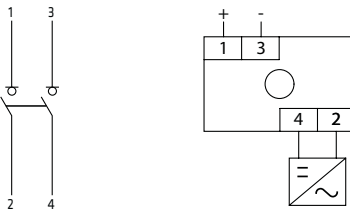
DC rotary switch disconnectors

TECHNICAL DATA						
Standard	EN 60947-3					
Poles:	2		4			
Utilization category:	DC-21B	DC-22B	DC-21B	DC-22B		
Rated operating voltage (Ue):	Rated operational current (In)					
		2 poles in series		2 poles in series + 2 poles in parallel		
		4 poles in series				
	500 V d.c.	25 A	8 A	58 A	32 A	32 A
	600 V d.c.	25 A	6 A	50 A	32 A	27,5 A
	700 V d.c.	23 A	-	27 A	32 A	-
	800 V d.c.	20 A	2,5 A	23 A	32 A	12,5 A
900 V d.c.	16 A	-	20 A	32 A	-	
1000 V d.c.	11 A	1,5 A	13 A	32 A	10 A	
Rated short-time withstand current (Icw):	(A)	900		1000		
Short circuit making capacity (Icm):	(A)	900		1000		
Rated conditional short-circuit current with fuse (Icc):	(kA)	5 (gL Gg max 63A)		5 (gL Gg max 80A)		
Rated insulation voltage (Ui):	(V)	1500 d.c.				
Rated impulse withstand voltage (Uimp):	(kV)	8				
Mechanical life:	(N° operations)	10.000				
Rated tightening torque:	(Nm)	1,8				
Size of terminal screw:		M4				
Screwdriver:		Pz2				
Power loss per switch at In DC-21B:	(W)	5		16		
Operating temperature:	(°C)	-40...+65				
Upline/downline power supply:		si				
Max cable cross section:	(mm²)	10 (exible) 16 (solid or stranded)				

NOTE: DC switch disconnectors aren't lockable and accessorized

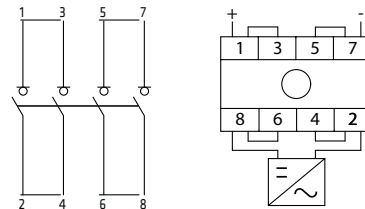
Circuit diagrams

2 POLES IN SERIES



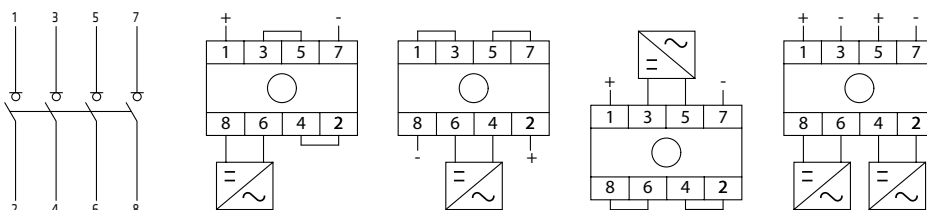
DC-21B					
500V	600V	700V	800V	900V	1000V
25A	25A	23A	25A	16A	11A
DC-22B					
500V	600V	-	800V	-	1000V
8A	6A	-	2,5A	-	1,5A

2 POLES IN SERIES + 2 POLES IN PARALLEL



DC-21B					
500V	600V	700V	800V	900V	1000V
58A	50A	27A	23A	20A	13A

4 POLES IN SERIES



DC-21B					
500V	600V	700V	800V	900V	1000V
32A	32A	32A	32A	32A	32A
DC-22B					
500V	600V	-	800V	-	1000V
32A	27,5A	-	12,5A	-	10A



For technical information contact the Technical Assistance Service or visit gewiss.com