

220 - 1000A Single & Two String DC-21B - DC Switch Disconnectors

- IP RATING** IP66/67 protection
- ENCLOSURE** grey insulated (RAL7035)
- HANDLE OPTION** black/grey padlockable handle
- FEATURES**
 - switch is interlocked with the lid to prevent opening in 'ON' position
 - class II compliant
 - rated for use in ambient temperatures up to 50°C
 - non-polarity sensitive
 - KGD40 - up to 50 amps @1000 VDC to give higher rating achieved by use of permanent magnets in the contact body used to reduce arcing time



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Single String DC Switch Disconnectors - Selection Chart DC-21B (DC-PV1)

Single String	Voltage													Order Code No.	FIG.	
	250V	375V	400V	450V	500V	600V	650V	660V	750V	800V	850V	920V	1000V			
	25A	25A	25A	25A	21A	20A	20A	18A	18A	18A	11A	11A		KG20 T104/D-P003 KL51V	FIG 1	
						25A	25A	23A	23A	23A	15A	15A	12A	KG32 T104/D-P003 KL51V	FIG 1	
	50A	40A	40A	30A	30A									KGD40 TD102/D-P003 KL11V	FIG 2	
		50A		40A	40A	40A	30A	30A	30A		20A	20A	20A	KGD40 TD103/D-P003 KL11V	FIG 2	
			50A	50A	50A		40A	40A	40A	40A	30A	30A	30A	KGD40 TD104/D-P003 KL11V	FIG 2	
						50A	50A	50A	50A		40A	40A	40A	KGD40B TD106/D-P003 KL11V	FIG 3	
										50A	50A	50A	50A	KGD40B TD108/D-P003 KL11V	FIG 3	

Two String DC Switch Disconnectors - Selection Chart DC-21B (DC-PV1)

Two String	Ratings Per String (220V - 500V)											Order Code No.	FIG.	
	220V	250V	280V	330V	340V	375V	400V	420V	440V	460V	500V			
	25A	21A	21A	20A	20A	18A	18A	11A	11A	11A		KG20 T104/GB-P103 KL51V	FIG 1	
	28A	28A	28A	25A	25A	23A	23A	15A	15A	15A	12A	KG32 T104/GB-P103 KL51V	FIG 1	
	50A	50A	40A	40A	40A	40A	40A	30A	30A	30A	30A	KGD40 TD104/D-P004 KL11V	FIG 2	
			50A	50A	50A	50A		40A	40A	40A	40A	KGD40B TD106/D-P004 KL11V	FIG 3	
						50A	50A	50A	50A	50A		KGD40B TD108/D-P004 KL11V	FIG 3	
Two String	Ratings Per String (510V - 1000V)											Order Code No.	FIG.	
	510V	560V	600V	660V	680V	690V	750V	800V	920V	1000V				
	20A	20A	20A	20A	12A	12A	12A	12A	8A	8A		KGD40 TD104/D-P004 KL11V	FIG 2	
	25A	23A	23A		15A	15A						KG32B T106/GB-P103 KL11V	FIG 2	
					20A	18A	18A	18A	11A			KG20B T108/GB-P103 KL11V	FIG 3	
	40A	40A	40A	30A	30A	30A	30A	20A	20A	20A		KGD40B TD106/D-P004 KL11V	FIG 3	
			40A	40A	40A	40A	40A	40A	30A	30A		KGD40B TD108/D-P004 KL11V	FIG 3	

Please select the switch disconnector according to the maximum voltage and current output of all upstream PV modules, this must include all corrective factors according to relevant standards. **DC-PV2** ratings available on request.