



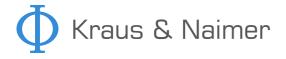
## KGD40

Type Size: S0 Classification Contact: Rigid contact bridge Classification Contact Mat: Silver Classification Terminal: Screw terminal

Sample image

## IEC 60947-3 EN 60947-3. VDE 0660 Teil 107 Rated insulation voltage Ui Voltage (V) AC / DC 1000 DC with 2 contacts/pole in series Rated impulse withstand voltage Uimp Voltage (kV) Overvoltage category Pollution degree Supply system Function Switch / Switch 6 II 3 --disconnector Rated uninterrupted current lu/lth Current (A) Peak temperature (°C) additional requirements Ambient temperature (°C) 50 50 55 Ambient temperature +50°C during 24 hours with peaks up to +55°C Max. Fuse rating IEC Fuse characteristic No. of Fuses Current (A) αG 50 1 <u>UL5</u>08i Rated insulation voltage Ui Voltage (V) AC/DC 600 DC with 2 contacts/pole in series Rated thermal current Current (A) Ambient temperature (°C) Additional Text 40 60 Size of conductor Cross section (mm²) or (AWG/kcmil) composition of conductor Min. / Max. value No. of conductor per terminal Material of the wire stranded Min AWG 14 Copper 1 stranded Мах AWG 8 Copper 1 **GENERAL TECHNICAL INFORMATION** Tightening torque of screws tightening torque (Nm) tightening torque (lb-in) 1,80 16 Rated short-time withstand current Icw Time (s) Current (A) 1 580 Size of conductor Cross section (mm²) or (AWG/kcmil) composition of conductor Min. / Max. value No. of conductor per terminal Material of the wire Flexible wire Max 1 AWG 6 Copper Flexible wire Max. 10mm<sup>2</sup> Copper 1 Single-core or stranded wire Max 1 AWG 6 Copper Max Copper Single-core or stranded wire 1 16mm<sup>2</sup> Flexible wire with sleeve 10mm<sup>2</sup> Max 1 Copper

Approbations	
Specification	Marking
CE marking	CE
UK Directives	
IEC 60947-3; EN 60947-3; VDE 0660 Teil107	IEC 60947-3 EN 60947-3



Approbations			
Specification		Marking	
UL508i		(L)	
Power loss per pole			
		Power (W)	
		1,50	
Conditions during transport and storing			
Minimum temperature (°C)	Maximum temperature (°C)	additional requirements	
-40	85	In case of temperatures below -5°C no shock load permissible	
General Information			
Text			
- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.			
- Suitable for indoor or outdoor use in photovoltaic (PV) d.c. applications.			
- Terminals with factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire connections are properly seated.			
- After wiring, ALL terminal screws must be tightened to the specified torque values.			
- The protection class of the selected mounting type may vary if optional extras are used	d.		
- Do not lubricate or treat contacts.			
- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.			

Operating temperature

Min. Temperature [°C] -5 Max. Temperature [°C]