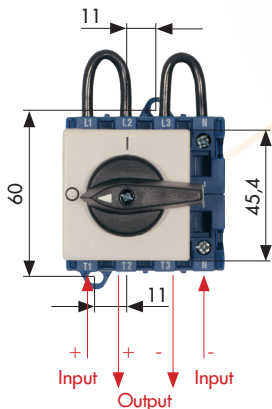
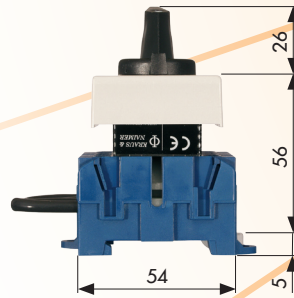
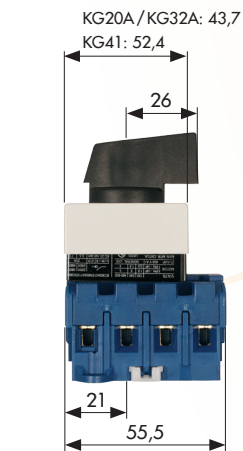
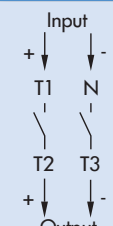

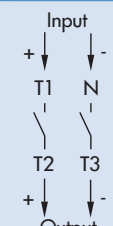



DC Disconnectors for Solar Photovoltaic (PV) Power Supply System  
acc. to IEC 60364-7-712:2002

Disconnectors for  
**Photovoltaic**



Connecting diagram	Tightening torque for terminal screws	Strip length
	KG20A/ KG32A 1,25 Nm	KG20A/ KG32A 9 
	KG41 1,80 Nm	KG41 10 

**Contact development: 2 pole, 4 contacts per circuit (2 x 2 in series)**

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**General Data**

Switch Disconnector according to EN 60947-3 respectively VDE 0660 Part 107  
Utilization Category: DC-22 A for Photovoltaic Application with rapid handle operation  
Ambient Temperature (open): 50 °C during 24 hours with peaks up to 55 °C  
Terminal Lugs finger-proof according to VDE 0660-514 and BGV A3, IP 20  
Maximum permissible wire gage (use copper wire only)  
single core wire or stranded wire      KG20A / KG32A: 6 mm<sup>2</sup>      KG41: 16 mm<sup>2</sup>  
flexible wire      KG20A / KG32A: 4 mm<sup>2</sup>      KG41: 10 mm<sup>2</sup>

**Mounting**

Screw/Snap on base mounting for track EN 60715  
Escutcheon plate for 45 mm standard knock-out, F-handle black

**Rated Value / Order Number**

	16 A	25 A	32 A
<b>Operational Current</b>	16 A	25 A	32 A
<b>Operational Voltage</b>	450 V DC	450 V DC	450 V DC
Max. Off load voltage of the PV inverter	520 V DC	520 V DC	520 V DC
Insulation Voltage	690 V	690 V	690 V
<b>Operational Current</b>	12 A	20 A	
<b>Operational Voltage</b>	500 V DC	500 V DC	
Max. Off load voltage of the PV inverter	575 V DC	575 V DC	
Insulation Voltage	690 V	690 V	
<b>Order Number</b>	<b>KG20A T304/D-P001 VE2</b>	<b>KG32A T304/D-P001 VE2</b>	<b>KG41 T304/D-P001 VE2</b>

Data valid only, if the pre-assembled jumpers have not been modified.