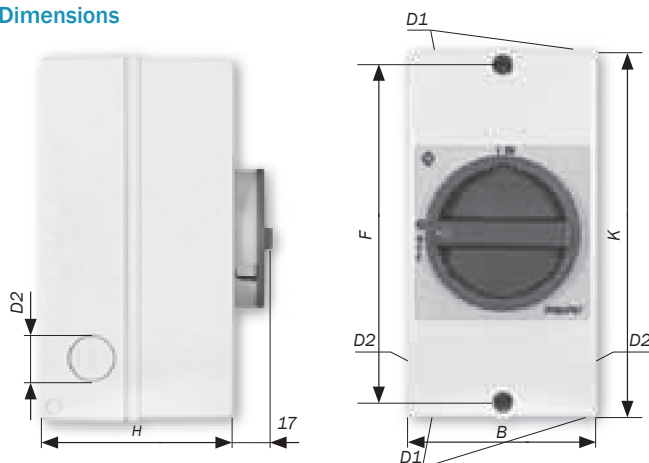


Dimensions

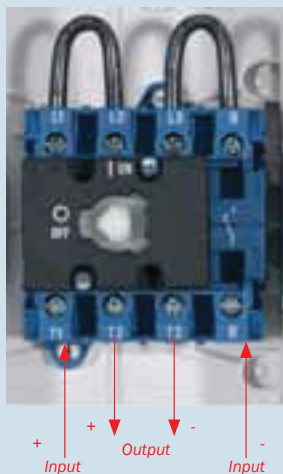


	KG20/KG32	KG41
B	85	100
D1	4 x Ø 20	4 x Ø 25
D2	2 x Ø 20	2 x Ø 25
F	150	178
H	82	93
K	160	190

Mounting

- Insulated enclosure, protection IP66/67, Class II insulation, knock-out entries, black handle and contrasting grey escutcheon plate, OFF-position lockable with padlocks, switch interlocked with lid to prevent opening in 'ON' position, optional Red/Yellow handle available for use as Main/Emergency Off DC Switch-Disconnecter.

Connection Guide



Connecting diagram	Tightening torque for terminal screws	Strip length
	KG20/KG32 1,25Nm	KG20/KG32 9
	KG41 1,80Nm	KG41 10

Maximum permissible wire gauge (use copper wire only)

Single core wire or stranded wire KG20/KG32:6mm² KG41:16mm²
Flexible wire KG20/KG32:4mm² KG41:10mm²



DC Switch-Disconnectors for solar photovoltaic (PV) power supply system acc. to IEC 60364-7-712:2002.

General Data

- Switch-Disconnectors according to EN 60947-3 respectively VDE part 107
- Utilisation Category:
DC-21B for Photovoltaic application
- Ambient Temperature:
50°C during 24 hours with peaks up to 55°C
- Terminals:
Finger-proof according to VDE 0660-514 and BGV A3, IP 20
- Insulation Voltage: 1000V
- 2 Pole, 4 contacts (2x2 in series)

Rated Value & Order Number

Operational voltage	Operational current	Order number
450V	25A	KG20 T104/D-P003 KL51V
450V	40A	KG41 T104/D-P003 KL11V
500V	21A	KG20 T104/D-P003 KL51V
500V	28A	KG32 T104/D-P003 KL51V
650V	20A	KG20 T104/D-P003 KL51V
650V	25A	KG32 T104/D-P003 KL51V
800V	18A	KG20 T104/D-P003 KL51V
800V	23A	KG32 T104/D-P003 KL51V
920V	11A	KG20 T104/D-P003 KL51V
920V	15A	KG32 T104/D-P003 KL51V
1000V	12A	KG32 T104/D-P003 KL51V

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