



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 0660 part 107
- Utilisation Category: DC21B 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
- 4 Pole, 2x3 contacts per string

Mounting

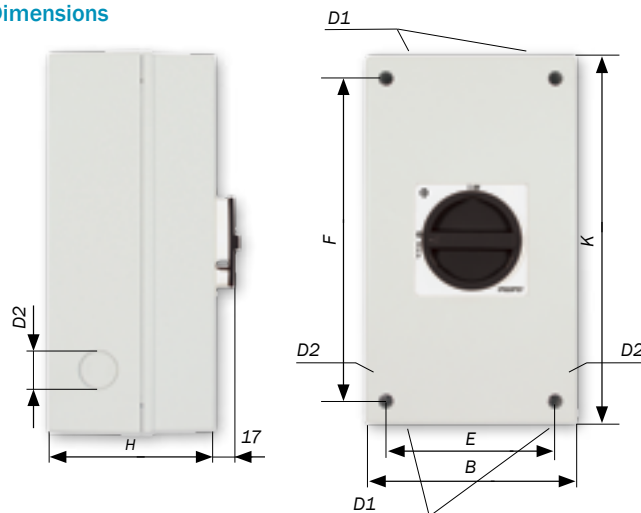
- Insulated enclosure, protection IP66/67, Class II Insulation, knock-out entries, black handle and contrasting grey escutcheon plate, OFF-position lockable with padlocks, switch interlocked with lid to prevent opening in 'ON' position, optional Red/Yellow handle available for use as Main/Emergency-Off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

Rated Value & Order Number

Operational voltage	Operational current	Order number
330V	25A	KG20B T106/GB-P103 KL11V
330V	40A	KG41B T106/GB-P103 KL11V
420V	21A	KG20B T106/GB-P103 KL11V
420V	27A	KG32B T106/GB-P103 KL11V
420V	28A	KG41B T106/GB-P103 KL11V
510V	20A	KG20B T106/GB-P103 KL11V
510V	25A	KG32B T106/GB-P103 KL11V
600V	18A	KG20B T106/GB-P103 KL11V
600V	23A	KG32B T106/GB-P103 KL11V
690V	11A	KG20B T106/GB-P103 KL11V
690V	15A	KG32B T106/GB-P103 KL11V
750V	12A	KG32B T106/GB-P103 KL11V

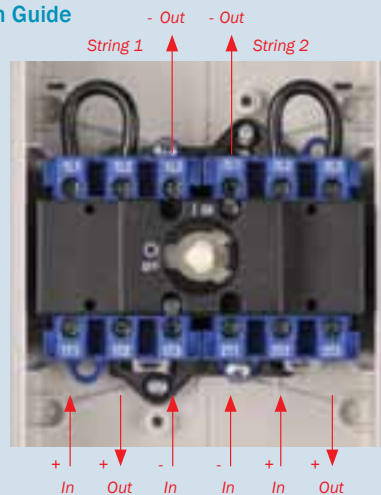
Data valid only if the pre-assembled jumpers have not been modified.

Dimensions



	KG20B/KG32B	KG41B
B	100	145
E	-	124
D1	4 x Ø 25	4 x Ø 25
D2	2 x Ø 25	2 x Ø 25
F	178	229
H	93	107
K	190	250

Connection Guide



Connecting diagram	Tightening torque for terminal screws	Strip length
	KG20B/ KG32B 1,25Nm KG41B 1,80Nm	

Maximum permissible wire gauge (use copper wire only)

Single core wire	KG20B/KG32B:6mm ²	KG41B:16mm ²
or stranded wire		
Flexible wire	KG20B/KG32B:4mm ²	KG41B:10mm ²