



Main/Emergency - Off AC Switch-Disconnectors for solar photovoltaic (PV) power supply system acc. to IEC 60947.

General Data

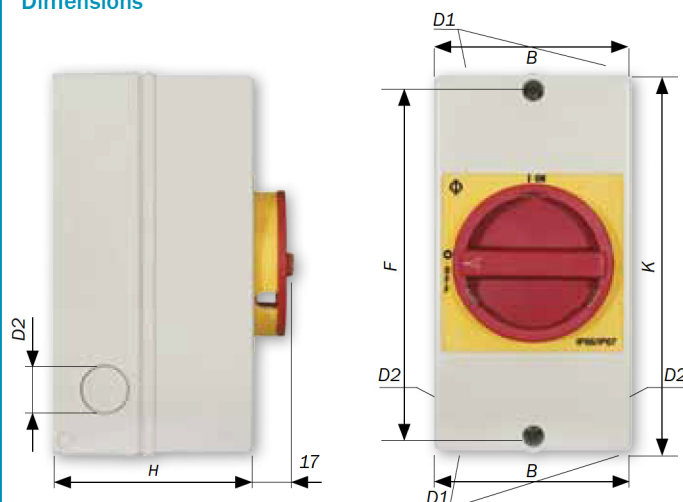
- Switch-Disconnectors according to EN 60947-3 respectively VDE 0660 part 107
- Ambient Temperature:
35°C average during 24 hours with peaks up to 40°C
- Terminals:
Finger-proof according to VDE 0660-514 and BGV A3, IP 20

Rated Value & Order Number

Operational current AC-21A	Insulation voltage Ui	Enclosed thermal rating I	Order number
25A	690V	25A	KG20 T203/GBA270 *KS1V
25A	690V	25A	KG20 T203/GBA294 *KL†
32A	690V	32A	KG32 T203/GBA294 *KL†
40A	690V	40A	KG41 T203/GBA270 *KL1V†

† Larger enclosure to match KG20/32 T104 DC enclosure

Dimensions



	KG20...KS	KG20/KG32...KL	KG41
B	85	85	100
D1	4 x Ø 20/25	4 x Ø 20	4 x Ø 25
D2	2 x Ø 20	2 x Ø 20	2 x Ø 25
F	110	150	178
H	90	82	93
K	120	160	190

Mounting

- Insulated enclosure, protection IP66/67, insulated, knock-out entries, red handle and contrasting yellow escutcheon plate, OFF-position lockable with padlocks, switch interlocked with lid to prevent opening in 'ON' position. Earth terminal included as standard. Optional Black/Grey handle available for use as Main Switch.

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

Maximum permissible wire gauge (use copper wire only)

Single core or stranded wire	KG20/KG32:6mm ² KG41:16mm ²
Flexible wire	KG20/KG32:4mm ² KG41:10mm ²