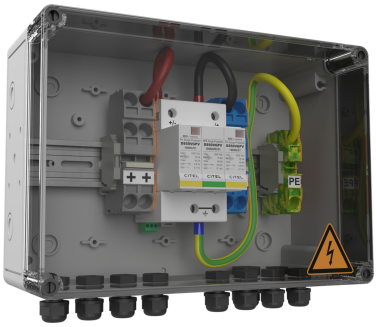
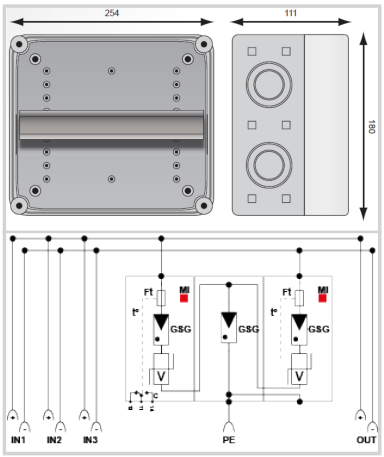
PV-DC-Junction box

GAK1.K3x16.K1x16.51VG-12



- Generator junction box for 1 MPP tracker / 3 strings
- Integrated surge protection device - DS50VGPVS-1000G/12KT1 (Type 1+2)
- Protection class IP65
- Connection via spring terminals (6-16mm²)



Electrical Characteristics		
SPD type	IEC	1+2
Network		PV network 1000 Vdc
Nominal DC voltage	Un-dc	1000 Vdc
Max. PV operating voltage	Ucpv	1200 Vdc
Rated insulation voltage *Ui*	Ui	1000 Vdc
Rated current *InA*	InA	60 A
Rated string current	InC	40 A
Mechanical Characteristics		
Protection rating		IP65
Humidity		Indoor: max. 50% at +40°C, max. 90% at 20°C (non-condensing) / Outdoor: 95% for a short time at +25°C (non-condensing)
Standards		
Standards compliance		DIN EN 50539-11 / DIN EN IEC 61439-2
Part number		
158111		