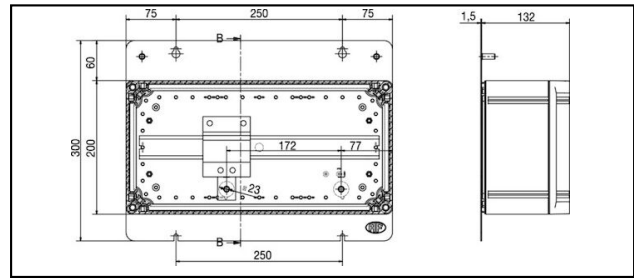
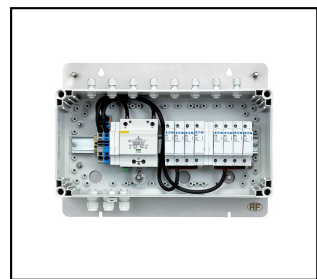


Generators combiner boxes

■ **GAK 114 PG** Junction box PV GAK + 50VG-1000-1ST-1MPP



Characteristics
Generator boxes with preassembled fuse holders, surge protection and grounding plate:

- Legend**
- a) type 1+2 GAK + FUS 60 VGPVS-1000-4ST-1MPP
 - b) type 1+2 GAK + FUS 50 PVS-1000-4ST-1MPP
 - c) type 1+2 GAK + FUS 50 VGPVS-1000-4ST-1MPP
 - d) type 2 GAK + FUS 50 PV-1000-4ST-1MPP

Article-Nr.	E-Number	 Typ/Type	 V U _C	 kA I _{imp}	 kA I _{max}	 mm ²	 ns t _A	 kV U _P		
296.154.466	969 112 534	T1 / T2	≤1200VDC	6.25	40	2.5 - 25	≤25	2.8	c)	1

Technical Specifications: Junction box PV GAK + 50VG-1000-1ST-1MPP GAK 114 PG

Article No.	296.154.466
SPD type	T1 / T2
Number of poles	2
max. discharge current (I _{max})	40 kA
Nominal line voltage U _n DC	1000 V
Impulse current [I _{imp}] (10/350)	6.25 kA
Discharge current max. (8/20) μ s [I _{max}]	60 kA
Voltage protection level [U _p]	2.8 kV
Operation voltage max. [U _c]	≤1200VDC
Operating current [I _c]	0 kA
Follow current [I _F]	0 kA
follow current extinguishing capability [I _{fi}]	Unendlich
Response time [t _a]	≤25
Short circuit resistance (I _{cw})	10 kA
Fault indication	Mechanisch, Rot
Temperature range	-40 - 85
Signaling on the device	Optic
Signaling contact	Yes
Connection cross section solid / stranded max.	1.5 mm ²
Switching capacity signaling contact	250 V / 0,5 A (AC) - 30 V / 2 A (DC)
Energetically coordinated protective effect to the terminal	Yes
System configuration DC	Yes
Construction size	3 modular spacing
Nominal discharge current [I _n]	15/Pol
Nominal cross section conductor	2.5 - 25
Integrated backup fuse	No
Exhausting	No
Mounting method	DIN rail (top hat rail) 35 mm
Degree of protection (IP)	IP20
Casing	
degree of protection	IP65
number of modules	20
contract rail	DIN-Schiene
String / MPP	4ST-1MPP
inputs PG / MC4	PG
outputs PG / MC4	PG
Ground base plate	Yes
Standards	
Test standards USA	UL 1449 ed.3
Test standards Europe	EN 50539-11
Test standards France	UTE C61-740-51
Homologation	VDE, ÖVE und UL
comment	
comment	c)
Commercial specification	
Customs number	85372000
country of origin	CH
Texte	
comment	c)