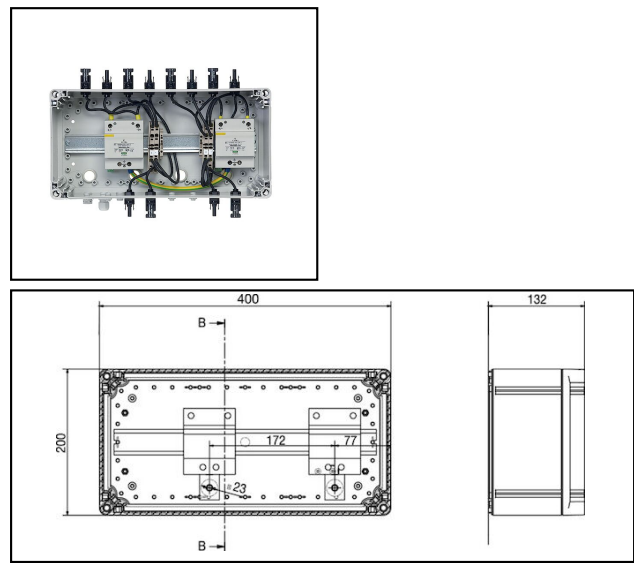


Generators combiner boxes

■ GAK 200-MC4 b Junction box PV GAK 50VG-1000-4ST-2MPP MC4



Characteristics
Generator boxes with preassembled surge protection and grounding plate:

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

Article-Nr.	E-Number	 Typ/Type	 V U _C	 kA I _{imp}	 kA I _{max}	 ns t _A	 kV U _P	 mm ²		
296.050.400	969 112 354	T1 / T2	≤1200VDC	6.25	40	≤25	2.8	2.5 - 25	c)	1

Technical Specifications: Junction box PV GAK 50VG-1000-4ST-2MPP MC4 GAK 200-MC4 b

Article No.	296.050.400
SPD type	T1 / T2
Number of poles	2
max. discharge current (I _{max})	40 kA
Nominal line voltage Un 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 [Up]	2.8 kV
Operation voltage max. [Uc]	≤1200VDC
Operating current [Ic]	0 kA
Follow current [IF]	0 kA
follow current extinguishing capability [Ifi]	Unendlich
Response time [ta]	≤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 [In]	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-2MPP
inputs PG / MC4	MC 4
outputs PG / MC4	MC 4
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)
Logistic specification	
VPE Weight	3.652 kg