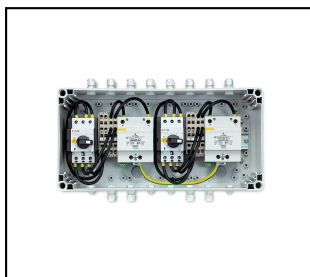


Generators combiner boxes

GAK 202 PG Junction box PVGAK DIS60VG-1000-4ST-2MPP PG

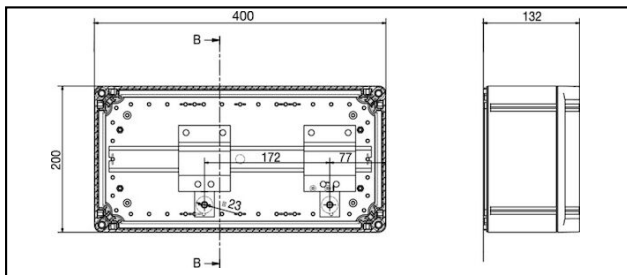


Characteristics

Generator boxes with preassembled surge protection:

Legend

- a) type 1+2 GAK DIS 60 VGPVS-1000-4ST-2MPP
- b) type 1+2 GAK DIS 50 PVS-1000-4ST-2MPP
- c) type 1+2 GAK DIS 50 VGPVS-1000-4ST-2MPP
- d) type 2 GAK DIS 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		VE Emb.
296.049.307	969 111 644	T1 / T2	≤1200VDC	12.5	40	≤25	2.8	6 - 35	a)	1



Technical Specifications: Junction box PVGAK DIS60VG-1000-4ST-2MPP PG GAK 202 PG

Article No.	296.049.307
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)	12.5 kA
Discharge current max. (8/20) μs [I _{max}]	40 kA
Nominal discharge surge current (8/20)	20 kA
Voltage protection level [U _p]	2.8 kV
Protection level max. (at 5kA)	2.1 kV
Protection level max. (at 12.5kA)	2.3 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})	25 kA
Fault indication	Mechanisch, Rot
Temperature range	-40 - 85
Degree of protection	IP20
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	4 modular spacing
Nominal discharge current [I _n]	20/Pol
Nominal cross section conductor	6 - 35 mm ²
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	PG
outputs PG / MC4	PG
Switch	
Switching capacity voltage max. U _{oc} Max.	1000 V
Switching current max. I _{sc} Max.	30 A
Cross-sectional area	6 mm ²
Standards	
Test standards USA	UL 1449 ed.3
Test standards Europe	FprEN 50539-11
Test standards France	UTE C61-740-51
Homologation	VDE, ÖVE und UL
comment	
Commercial specification	a)
Customs number	85372000
country of origin	CH
Texte	
comment	a)