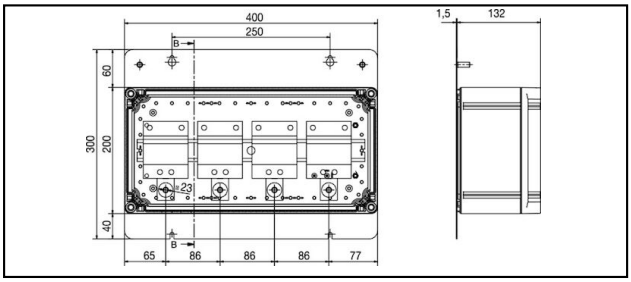
Generators combiner boxes

GAK 410-MC4 Junction box PV GAK+50VG-1000-4ST-4MPP



Characteristics
Generator boxes with preassembled surge protection and grounding plate:

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

Article-Nr.	E-Number	Typ/Type	V U_C	kA I_{imp}	kA I_{max}	mm²	kV U_P	ns t_A		VE Emb.
296.050.454	969 111 834	T1 / T2	≤1200VDC	6.25	40	2.5 - 25	2.8	≤25	c)	1

Technical Specifications: **Junction box PV GAK+50VG-1000-4ST-4MPP GAK 410-MC4**

Article No.	296.050.454
SPD type	T1 / T2
Number of poles	2
max. discharge current (Imax)	40 kA
Nominal line voltage Un DC	1000 V
Impulse current [Iimp]_(10/350)	6.25 kA
Discharge current max. (8/20) µs [Imax]	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 (Icw)	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 mm²
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-4MPP
inputs PG / MC4	MC 4
outputs PG / MC4	MC 4
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	c)
Commercial specification	
Customs number	85372000
country of origin	CH
Texte	
comment	c)