

Characteristics of 3-pole busbars GV2 G●●● and GV3 G●64

			GV2 G●●●	GV3 G●64
Rated insulation voltage (Ui)	Conforming to IEC 60947-1	V	690	690
Conventional thermal current (Ith)	Conforming to IEC 60439-1	A	63	115
Permissible peak current (I peak)		kA	11	20
Permissible thermal limit (I²t)		kA²s	104	300
Degree of protection	Conforming to IEC 60529		IP 20	IP 20
Terminal block			Yes	–

Characteristics of terminal blocks GV2 G05 and GV1 G09 (for GV2 ME and GV2 P)

Rated insulation voltage (Ui)	Conforming to IEC 60947-1	V	690
Conventional thermal current (Ith)	Conforming to IEC 60439-1	A	63
Degree of protection	Conforming to IEC 60529		IP 20
Connection	Solid cable	mm²	1 x 1.5 to 25 conductor or 2 x 1.5 to 6 conductors
	Flexible cable without cable end	mm²	1 x 1.5 to 16 conductor or 2 x 2.5 to 4 conductors
	Flexible cable with cable end	mm²	1 x 1.5 to 10 conductor or 2 x 1.5 to 2 conductors
	Flexible or solid cable AWG		1 AWG 4
Tightening torque	Connector	N.m	2.2
	Screw clamp terminals	N.m	1.7

Characteristics of current limiters (GV2 ME and GV2 P)

Type			GV1 L3		LA9 LB920		
Rated insulation voltage (Ui)	Conforming to IEC 60947-1	V	690		690		
Conventional thermal current (Ith)	Conforming to IEC 60947-1	A	63		63		
Operating threshold	rms current	A	1500 (non adjustable threshold)		1000 (non adjustable threshold)		
Connection			1 conductor	2 conductors	1 conductor	2 conductors	
		Solid cable	mm²	1.5...25	1.5...10	1.5...25	1.5...10
		Flexible cable without cable end	mm²	1.5...25	2.5...10	1.5...25	1.5...10
		Flexible cable with cable end	mm²	1.5...16	1.5... 4	1.5...16	1.5... 4
Tightening torque		N.m	2.2				