Description Busbar Block 10mm², 16mm² (Fork) GVK

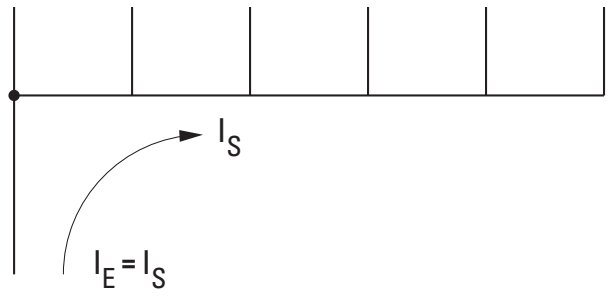
- GVK busbars can be cut to length
- Endcaps are not included and should be ordered separately

Technical Data

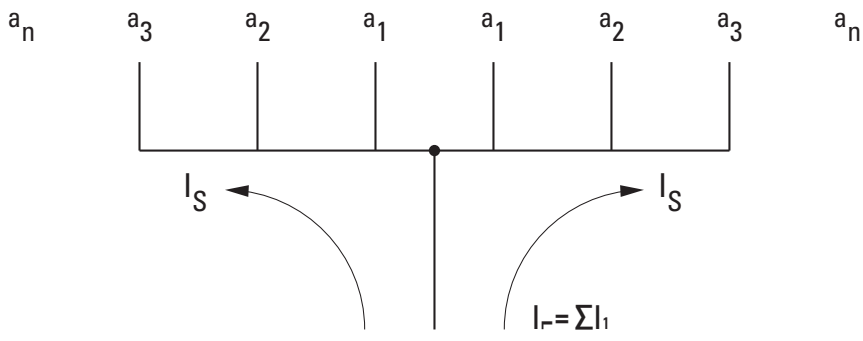
		GVK
General		
Standards		DIN EN 61439-1:2021-10 / DIN EN 61439-6:2013-06 IEC 664 / IEC 60895-2-12 / VDE 0110 / DIN EN 60754-1
Climate stability		according to IEC 68-2
Overvoltage category		III
Pollution Degree		2
Busbar Material		E-Cu-ETP
Isolation Material		PC-ABS
Endcap Material		PC-ABS
Touch protection Material		PP
Electrical		
Rated operating voltage		400 V AC
Rated current		
10 mm²		63 A
16 mm²		80 A
Short-circuit current strength		25 kA /100 A gl
Disruptive Strength		36 kV/mm
Surge Voltage	U_{imp}	4 kV
Mechanical		
Busbar cross section		10 and 16 mm²
Step distance		17.8 mm

Feeding

Side Feeding

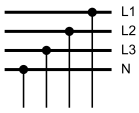


Central Feeding

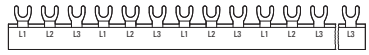
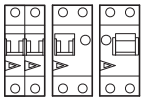
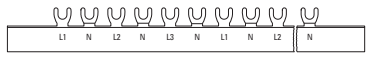
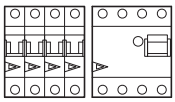
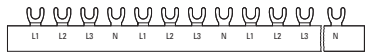


Using central supply feeding you must be sure that the sum of the output current depending on a_1 ... a_n of each busbar part is not greater than the above max. busbar current I_s / phase

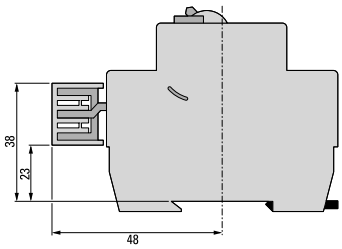
Connection diagram



Description Graphics

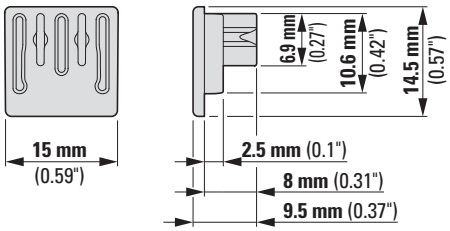
Devices to busbar	Pcs. of the devices	End caps		Type
3-phases				
	x19	EK-3/10-EVGK-GVK		GVK-10/3P-3TE
	x19	EK-3/16-EVGK-GVK		GVK-16/3P-3TE
2-phases (3P + 3N)				
	x27	EK-3N/16-EVGK-GVK		GVK-16/3P+3N-6TE
4-phases				
	x14	EK-3N/16-EVGK-GVK		GVK-16/3P+N-4TE

Dimensions (mm)

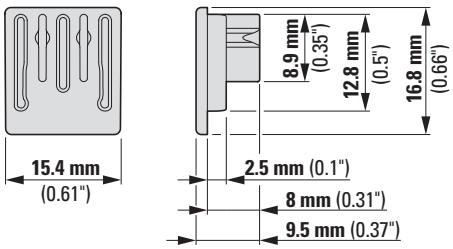


End Cap dimensions (mm)

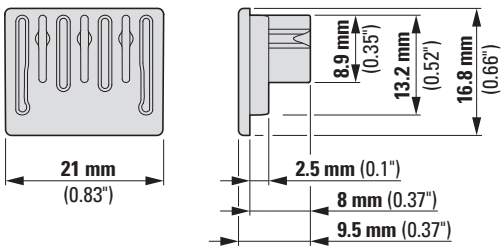
EK-3/10-EVGK-GVK



EK-3/16-EVGK-GVK

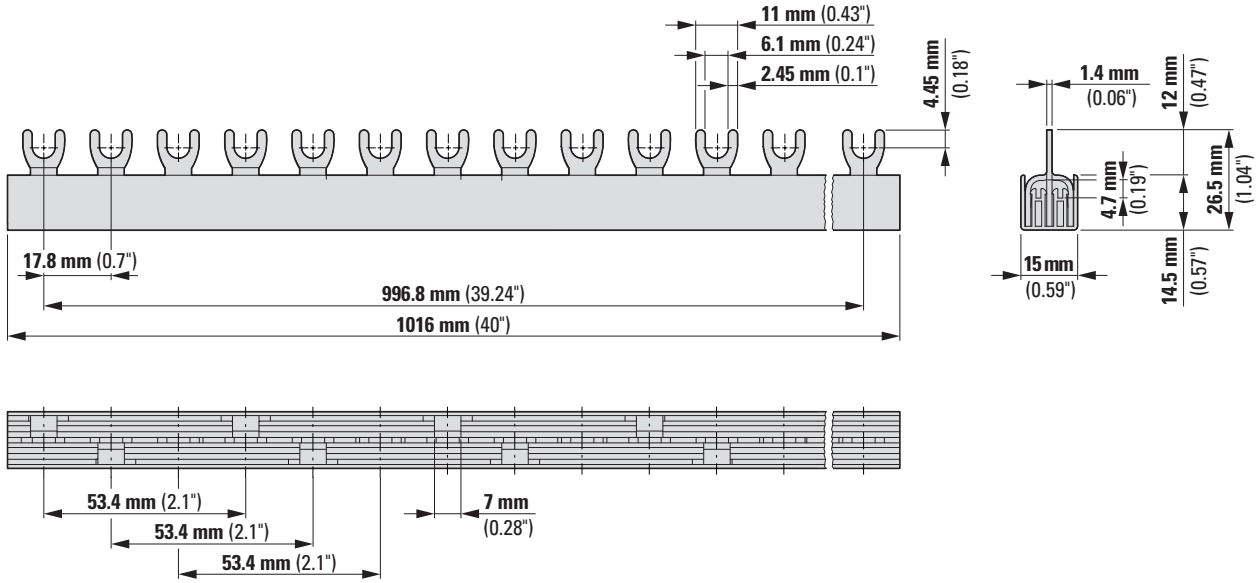


EK-3N/16-EVGK-GVK

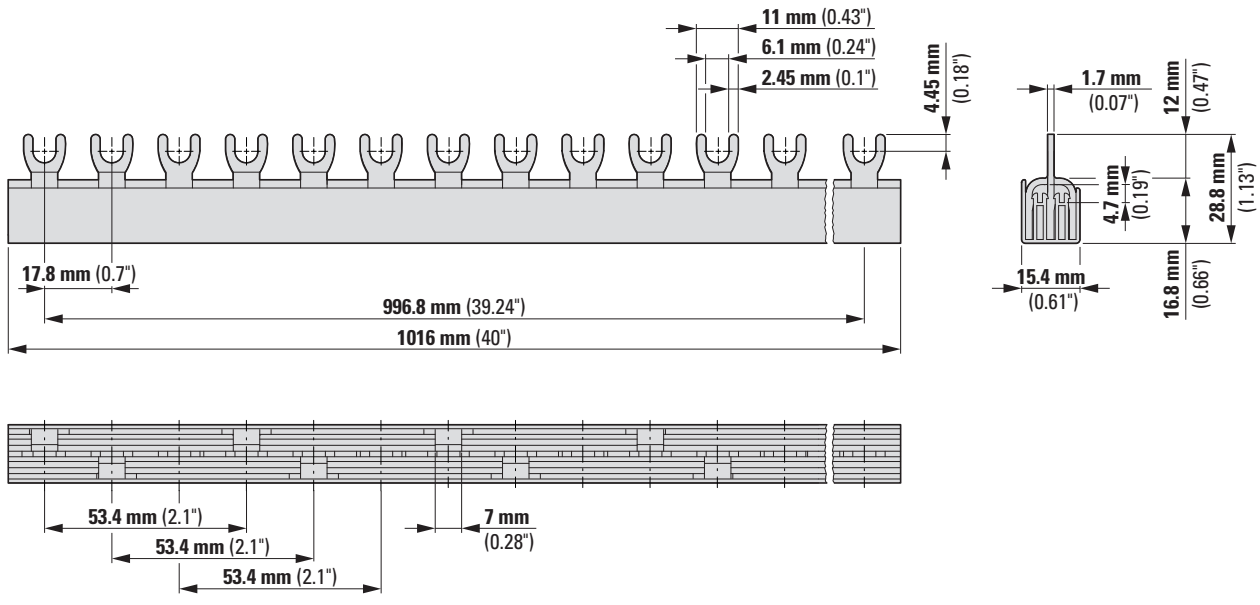


Busbar dimensions (mm)

GVK-10/3P-3TE

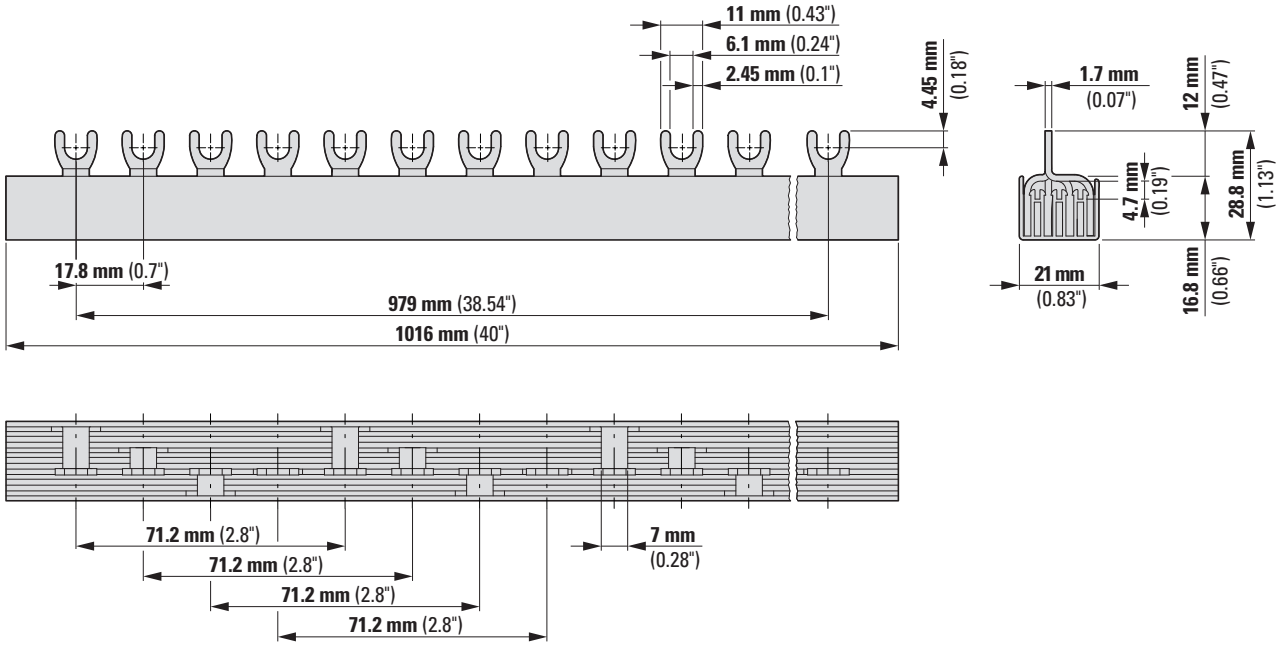


GVK-16/3P-3TE

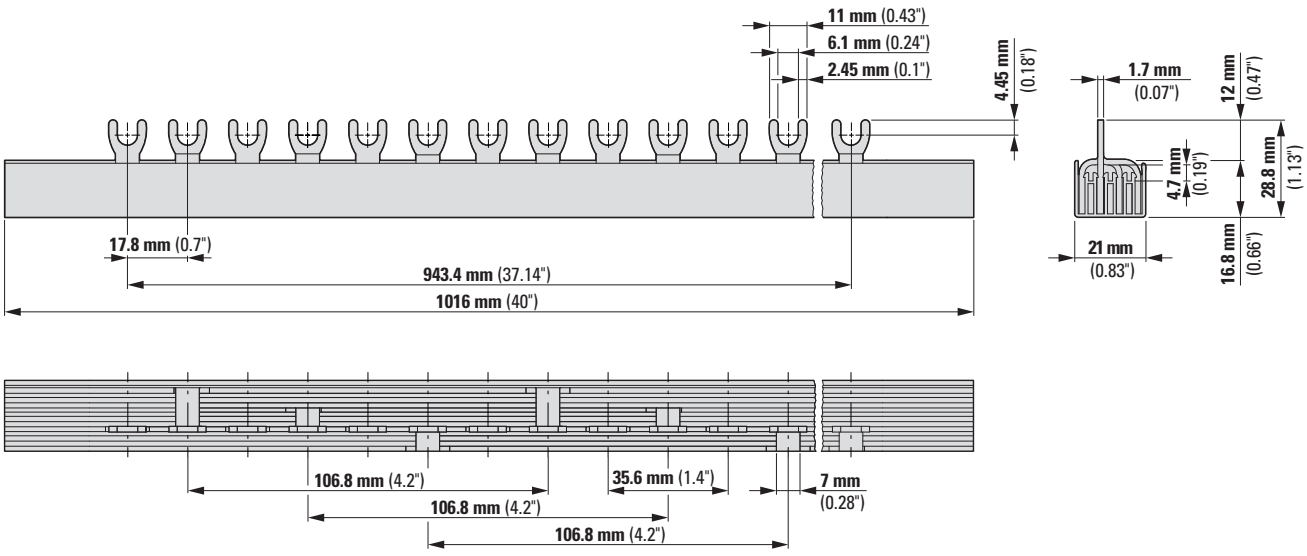


Busbar dimensions (mm)

GVK-16/3P+N-4TE



GVK-16/3P+3N-6TE



Technical Data

		EVGK
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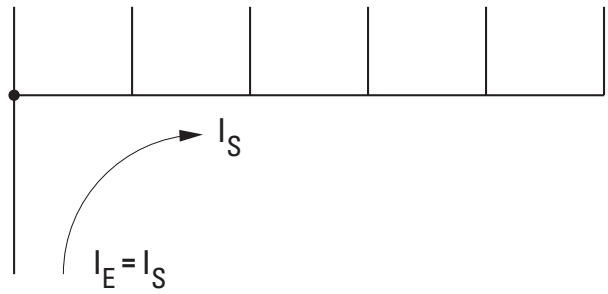
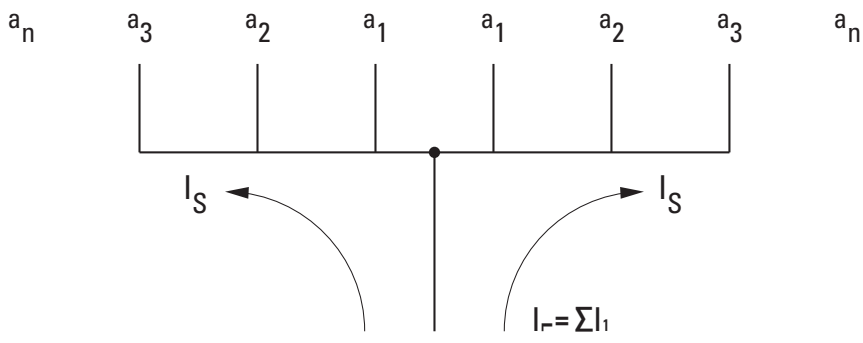
Feeding

Side Feeding



Central Feeding



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