

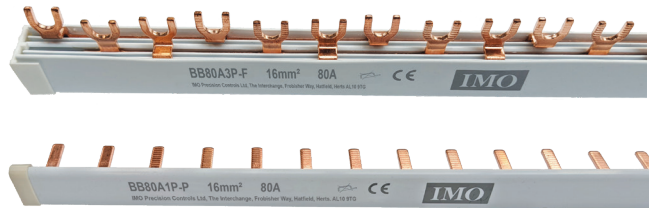
Busbars



Technical Datasheet

Key Features

- 80A
- Single or Three Pole
- Pin or Fork Type
- Data according to IEC / EN 60947



Options & Ordering Codes

Type	Part Number	Length	Pole	Section	Nominal Current
Pin Type	BB80A1P-P	1000mm	56 x 1	16mm ²	80A
	BB80A3P-P	1000mm	19 x 3	16mm ²	80A
Fork Type	BB80A1P-F	1000mm	56 x 1	16mm ²	80A
	BB80A3P-F	1000mm	19 x 3	16mm ²	80A

Technical Data

Busbar Material	Copper
Insulation	PVC
Heat Deflection Temperature	PVC ≥ 70°C UL94 V0
Glow Wire Flammability Index	PVC ≥ 960°C / 30s
Standards	EN 60947-1:2007 / IEC 60947-1:2007
Impulse Voltage Withstand	≥ 4.5kV
Minimum Air Distance	> 5.5m
Maximum Operating Voltage	500VAC/DC
IP Rating	IP20
Short Circuit Rating	ICC 25kA - NH3 355A gC500 JM
Dielectric Strength	> 32kV/mm
Max. Current	80A
Terminal Section	16mm ²

Accessories

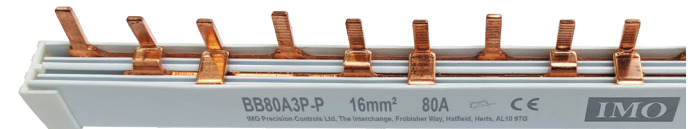
End Cap (Single Pole)	BB1P-CAP
End Cap (Three Pole)	BB3P-CAP

Pole & Connection Types

BB80A1P-P Single Pole, Pin Type



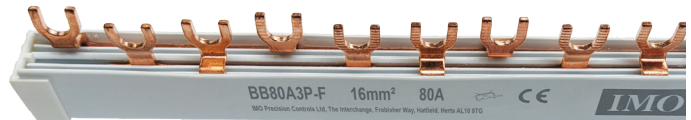
BB80A3P-P Three Pole, Pin Type



BB80A1P-F Single Pole, Fork Type

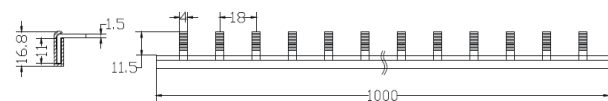


BB80A3P-F Three Pole, Fork Type

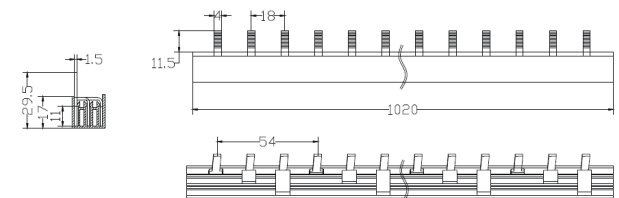


Dimensions (mm)

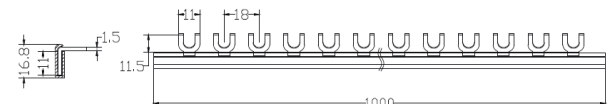
BB80A1P-P



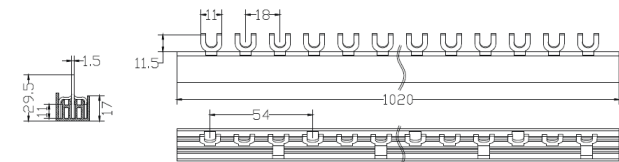
BB80A3P-P



BB80A1P-F



BB80A3P-F



Busbars



Capacity at an ambient temperature of 35°C

Technical Datasheet

Cross Section	mm ²	10	16	20	25
Single Feed	In/Phase	63A	80A	100A	125A
Double Feed	Max. Current	100A	130A	140A	160A

