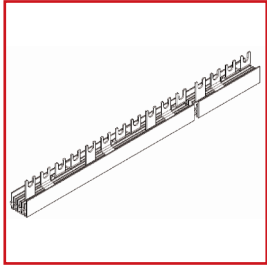


DATA SHEET: FORK-BUSBAR 4-POLE, NOT POSSIBLE TO BREAK OFF

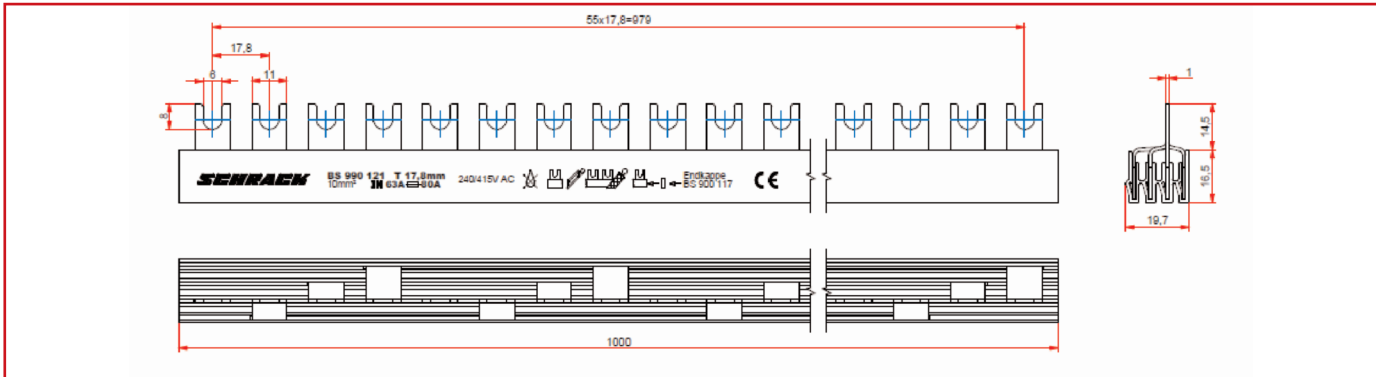


BS990121

SCHRACK-INFO

- Fork-Busbar for connection with MCB's with double-terminals, screw-type
- Spaceunit is 17,8 mm
- 56 SU
- 14 x RCCB 4-polig / MCB 3+N
- Phase sequence: L1, L2, L3, N, L1, ... L3, N, L1

DIMENSIONS



TECHNICAL DATA

MATERIALS

Busbars:	E - Cu 58 F25
Extruded insulation:	PC / ABS or PVC - unleaded
Injected insulation:	PC / ABS
End cover:	PC / ABS

HEAT DEFLECTION TEMPERATURE

Unleaded PVC:	VST B50 - ISO 306 0 > 80°C
PC / ABS extruded:	VST B 120 - ISO 306 = 113°C - UL94-V0/1,5
PC / ABS injected:	VST B 120 - ISO 306 = 138°C - UL94-V0/1,6

GLOW WIRE RESISTANCE

Unleaded PVC:	960°C / 3 mm
PC / ABS extruded:	960°C / 3,2 mm and 850°C / 1 mm
PC / ABS injected:	960°C / 1 mm

CLIMATE STABILITY

According to DIN EN 60068

INSULATIONS COORDINATION

Overvoltage category III / Degree of pollution 2

COMPARATIVE TRACKING INDEX

Unleaded PVC:	600 V
PC / ABS extruded:	600 V
PC / ABS injected:	250 V

REGULATIONS

DIN EN 60947-1 VDE 0660 Part 100 = IEC 60947-1:2004

DIELECTRIC STRENGTH

Unleaded PVC:	> 40 kV / mm
PC / ABS extruded:	> 32 kV / mm
PC / ABS injected:	> 32 kV / mm

IMPULSE VOLTAGE STRENGTH

≥ 4,5 kV (1kV/mm LS)

MIN. AIR DISTANCE

> 5,5 mm

MIN. CREEPING DISTANCE

> 5 mm

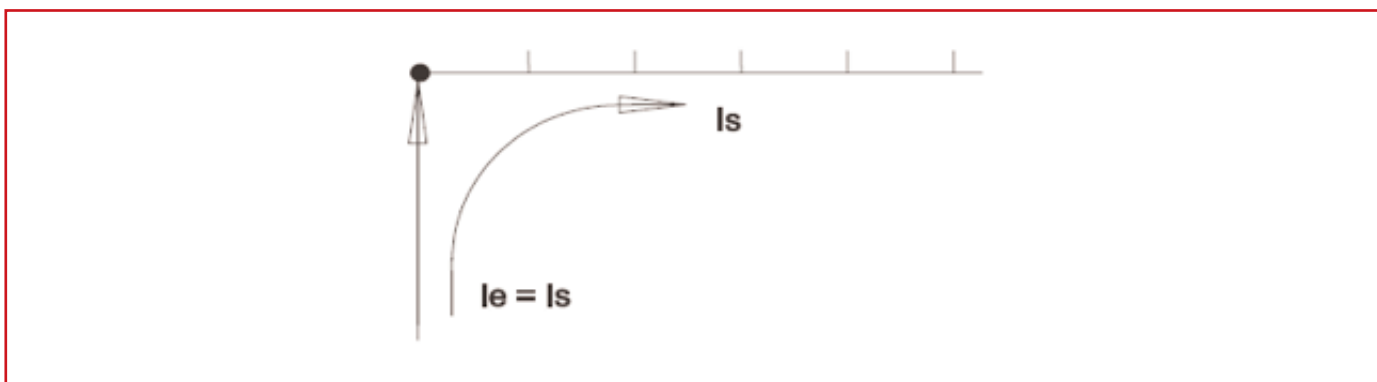
MAX. OPERATING VOLTAGE

600 V

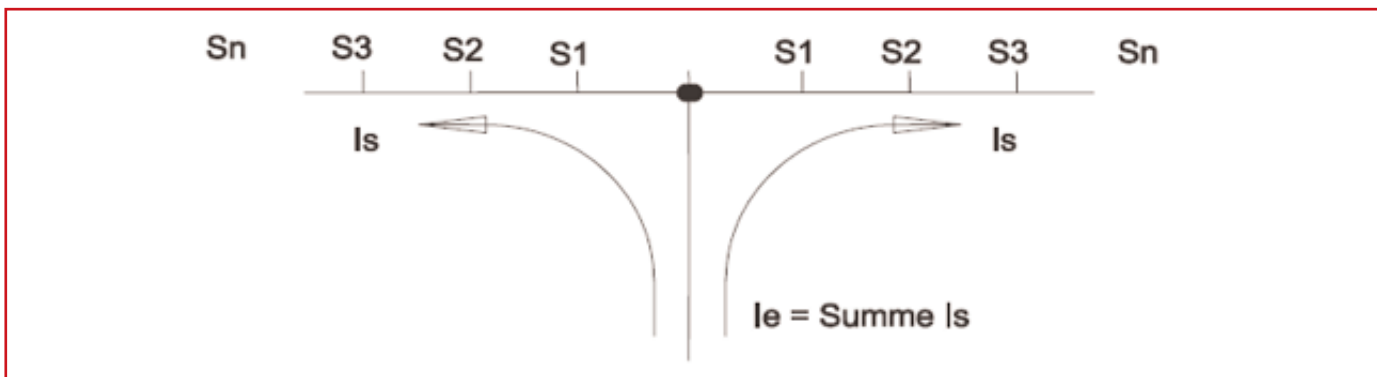
■ FORK- AND PIN-BUSBARS

Cross section	10 mm ²
FEEDING AT BEGINNING / ENDING	
Max. current I_s /Phase	63 A
Connection cross current	10 mm ²
OTHER FEEDINGS	
Max. feeding current I_s /Phase	100 A
Cross section of connection	25 mm ²

■ FEEDING AT BEGINNING OR END OF BAR



■ OTHER FEEDINGS



■ NOTE

When shortening the busbars please note, that the copper-bars need to be 10mm shorter than the insulation on both ends. Due to security purposes all shortened busbars need to be covered with suitable endcovers.

DESCRIPTION/CROSS SECTION	SU	PU	ORDER NO.
Fork-Busbar 10 mm ²	56	10	BS990121