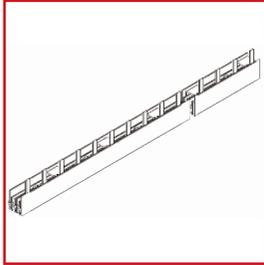


## DATA SHEET:

### PIN-BUSBAR 3-POLE, NOT POSSIBLE TO BREAK OFF

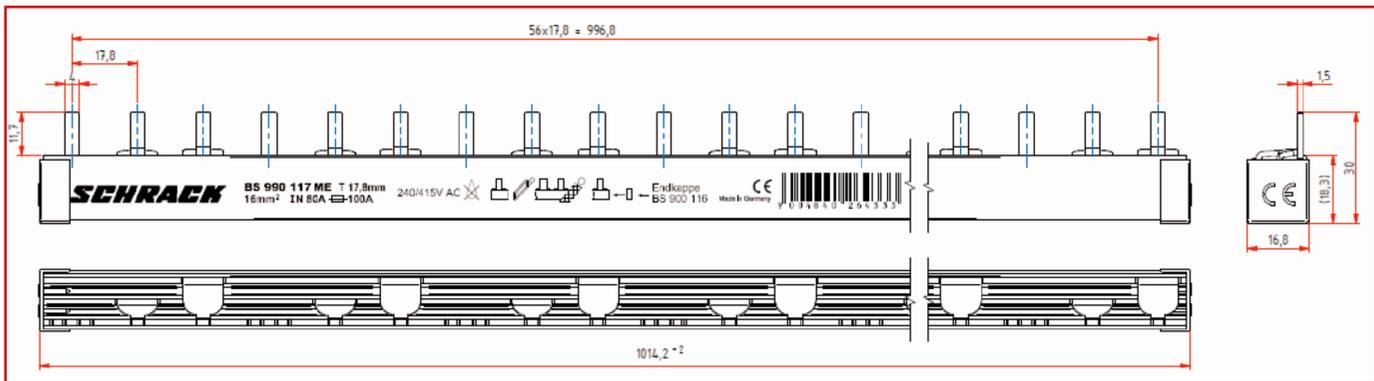


BS990117ME

#### SCHRACK-INFO

- Pin-Busbar for connection with Box terminals
- Spaceunit is 17,8 mm
- 57 SU
- Phase sequence: L1, L2, L3, L1, L2, L3

#### 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

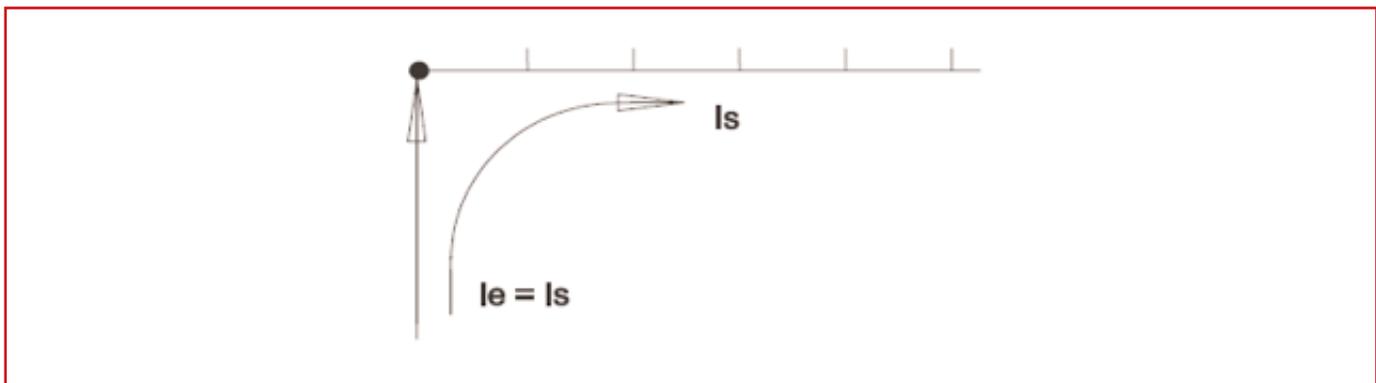
##### MAX. OPERATING VOLTAGE

600 V

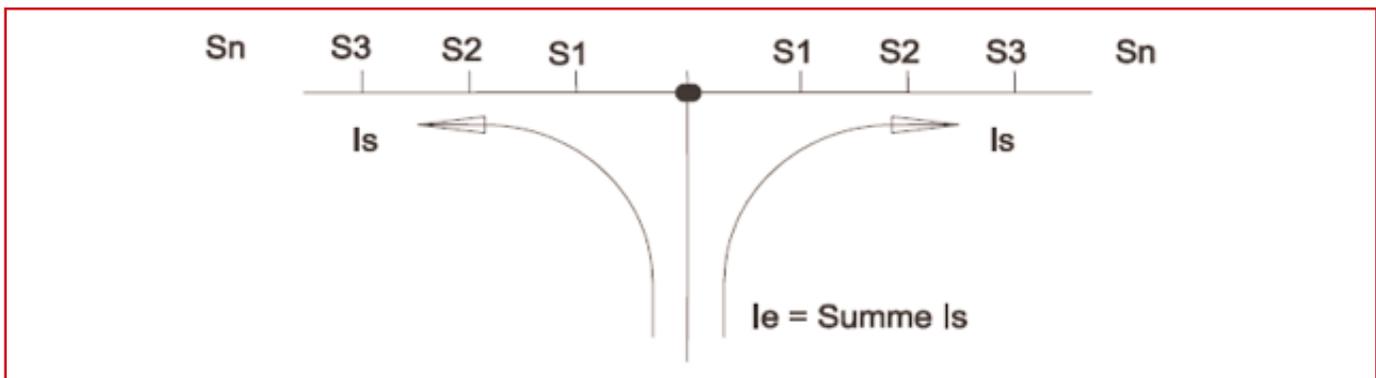
## FORK- AND PIN-BUSBARS

Cross section	16 mm <sup>2</sup>
<b>FEEDING AT BEGINNING / ENDING</b>	
Max. current $I_s$ /Phase	80 A
Connection cross current	16 mm <sup>2</sup>
<b>OTHER FEEDINGS</b>	
Max. feeding current $I_s$ /Phase	100 A
Cross section of connection	35 mm <sup>2</sup>

## 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.
Pin-Busbar 16 mm <sup>2</sup>	57	10	BS990117ME