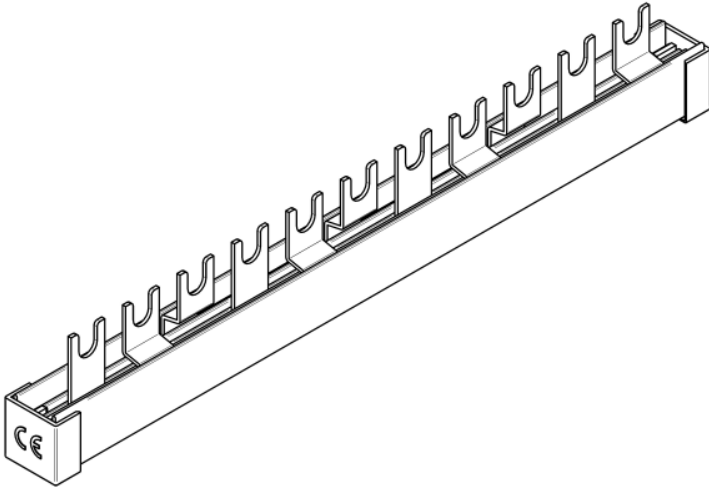


■ Datasheet: COMPACT FORK BUSBAR, 3-POLE, NOT POSSIBLE TO BREAK OFF, 11 MW,  
SERIES AMPARO



■ SCHRACK-INFO

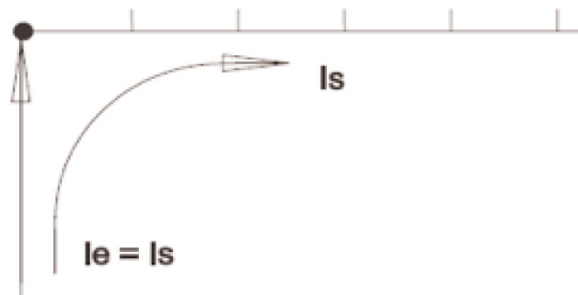
- Fork busbar for wiring of devices with: Dual-function terminal, screw terminal, screw connection, bracket terminal, flat terminal
- Pitch 17.8 mm
- 11 MW
- 1 x RCCB 4-pole + 8 x MCB 1 (or 1, 2 MCB 3-pole and MCB 1-pole)
- Phase sequence: L1, L2, L3, L1, L2, L3, L1, L2, L3, L1, L2

■ Technical datas

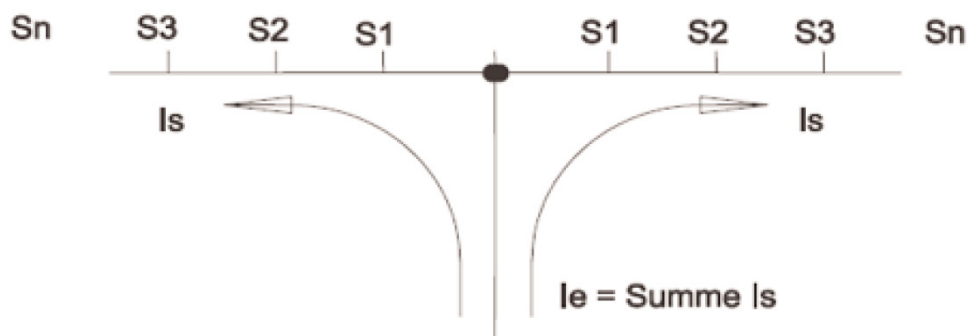
|                             |  |   |
|-----------------------------|--|---|
| Busbars:                    | E – Cu 58 F25                                    |   |
| Extruded insulation:        | PC / ABS or PVC – unleaded                       |   |
| Injected insulation:        | PC / ABS   |   |
| 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   |              |
| Cross section                     | 10 mm <sup>2</sup>                                  |              |
| FEEDING AT BEGINNING / ENDING     |   |              |
| Max. current $I_s$ /Phase         | 63 A  |              |
| Connection cross current          | 10 mm <sup>2</sup>                                  |              |
| OTHER FEEDINGS                    |   |              |
| Max. feeding current $I_s$ /Phase | 80 A  |              |
| Cross section of connection       | 25 mm <sup>2</sup>                                  |              |

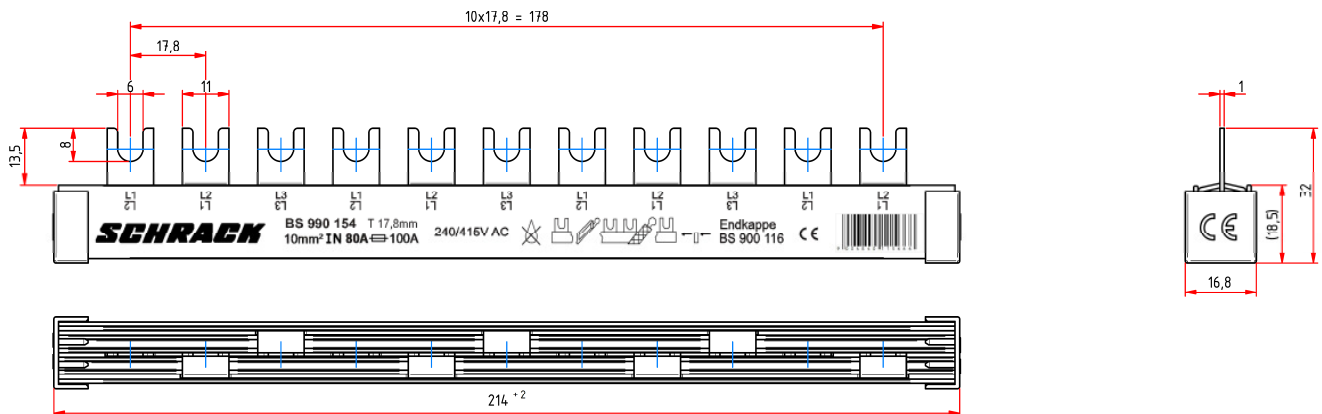
■ Feeding at beginning or end of busbar



■ Other feedings



**Dimensions**



**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

**Articles**

| Description   | Article no. |
|---|-------------|
| Compact fork busbar, 3-pole, 17,8mm, 10mm <sup>2</sup> 11MW | BS990154--  |
| End cap, 3-pole   | BS900116--  |