



Technical data sheet SSAK-series



Technical data

| | |
|---------------|--|
| Description: | SSAK 16 - Busbar Tapping 16mm ² |
| Construction: | fingersafe |
| Item no. : | 086105 |

Remarks: The product is compliant with the EC ROHS directives

Standards: DIN EN 60947-7-1

Nominal Voltage: 690 V

Nominal current: 114 A - (Details see below)

Busbar cross section / Incoming

| | |
|------------|---|
| 1 x Busbar | Cu busbar strength (height) 3 – 10 mm / depth (width) minimum 10 mm |
| | Clamping screw for busbar connection: |
| | cross-head screw M8 x 20 +/- PZ3 |
| | tightening torque 3 Nm |

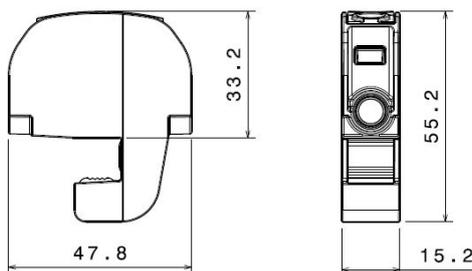
Terminal cross section / Outgoing

| | |
|------------------------|---|
| 2 x 16 mm ² | 1,5 – 16 mm ² , round conductor Cu (solid wire and multi wire) |
| | 1 – 10 mm ² , stranded wire with ferrule |
| | cross-head screw M6 x 10 +/- PZ2 |
| | tightening torque 2,5 Nm |
| | stripping length 12 mm |

| | | | |
|------------|----------------|---------------------|--------------------------|
| Materials: | Terminal body: | brass (CuZn39Pb2) | bright |
| | Housing: | PA 6 (Halogen-free) | |
| | Screws: | steel | Zn thick-film passivated |

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 15,2 x 55,2 x 47,8



Approved phase rails dimensions / Outgoing

| | busbar strength | | | | | | |
|-----------------------------------|------------------------|------------------------|------------------------|--|------------------------|--|------------------------|
| | 3 mm | | 4 mm | 5 mm | | 10 mm | |
| E-Cu, blank (width in mm) | - | 12 | | 12, 15, 20, 25, 30, 40, 50, 60, 63, 80, 100, 125 | | 12, 15, 20, 30, 40, 50, 60, 80, 100, 120, 160, 200 | |
| E-Cu, tin-plated (width in mm) | 10 | - | | 12, 15, 20, 25, 30 | | 12, 20, 30, 40, 50, 60, 80, 100, 120 | |
| Nominal current | 76 A | 76 A | 114 A | 76 A | 114 A | 76 A | 114 A |
| Outgoings (maximum cross section) | 1 x 16 mm ² | 1 x 16 mm ² | 2 x 10 mm ² | 1 x 16 mm ² | 2 x 10 mm ² | 1 x 16 mm | 2 x 10 mm ² |

Design

Basic housing colour – light grey RAL 7035

| Part no. | Design | Cover colour | PU | GTIN (EAN) |
|------------|--------|-----------------------|---------|---------------|
| 086105-0-4 | L G | light grey RAL 7035 | 12 / 96 | 4051589610506 |
| 086105-1-4 | N | light blue RAL 5012 | 12 / 96 | 4051589610513 |
| 086105-2-4 | PE | yellow-green RAL 6018 | 12 / 96 | 4051589610520 |
| 086105-3-4 | L B | clay brown RAL 8003 | 12 / 96 | 4051589610537 |
| 086105-4-4 | L S | jet black RAL 9005 | 12 / 96 | 4051589610544 |