



Technical data sheet SSAK-series



Technical data

Description:	SSAK 6 - Busbar Tapping 6 mm ²
Construction:	fingersafe
Item no. :	086004

25.02.2026

Remarks: The product is compliant with the EC ROHS directives

Standards: DIN EN 60947-7-1

Nominal Voltage: 690 V

Nominal current: 82 A - (Details siehe unten)

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 M5 x 16 +/- PZ2
	tightening torque 2 Nm

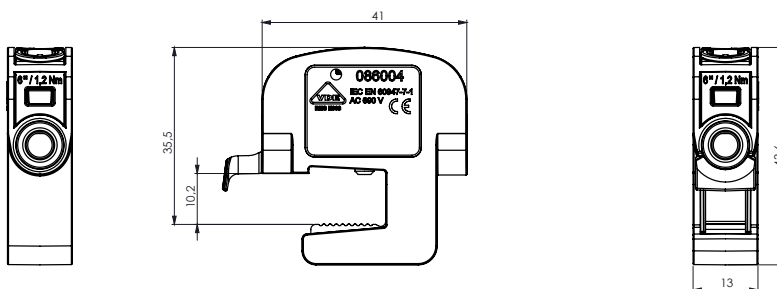
Terminal cross section / Outgoing

2 x 6 mm ²	1,5 – 6 mm ² , round conductor Cu (solid wire and multi wire)
	1 – 4 mm ² , stranded wire with ferrule
	cross-head screw M4 x 8 +/- PZ2
	tightening torque 1,2 Nm
	stripping length 10 mm

Materials:	Terminal body: brass (CuZn39Pb3)	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): 13 x 43,6 x 41 (49)



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	82 A (2 x 41 A)			
Outgoings (maximum cross section)	2 x 6 mm ²			

Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
086004-0-4	L G	light grey RAL 7035	-	4051589006279
086004-1-4	N	light blue RAL 5012	-	4051589006286
086004-2-4	PE	yellow-green RAL 6018	-	4051589006293
086004-3-4	L B	clay brown RAL 8003	-	4051589006309
086004-4-4	L S	jet black RAL 9005	-	4051589006316

Technical data		
Description:	SSAK 16 - Busbar Tapping 16mm ²	
Construction:	fingersafe	
Item no. :	086105	05.03.2021

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)

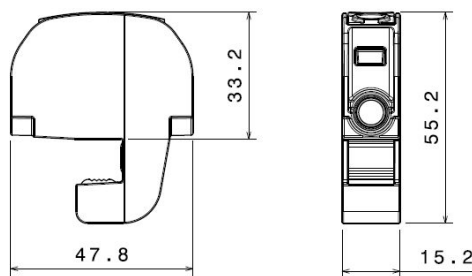
Busbar cross section / Incoming	
1 x Busbar	Cu busbar strength (height) 3 – 10 mm / depth (width) minimum 10 mm Clamping screw for busbar connection: cross-head screw M8 x 20 +/- PZ3 tightening torque 3 Nm

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
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Flame resistance:	Self-extinguishing
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Mechanical data:	Dimensions: width x height x depth (mm): 15,2 x 55,2 x 47,8
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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