

# Technical Data Sheet



13.01.2014

Description:	Busbar Tapping 16mm <sup>2</sup>
Construction:	fingersafe
Item no. :	086105...

<b>Remarks:</b>	The product is compliant with the EC ROHS directives
<b>Standards:</b>	DIN EN 60947-7-1
<b>Nominal Voltage:</b>	690 V
<b>Nominal current:</b>	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
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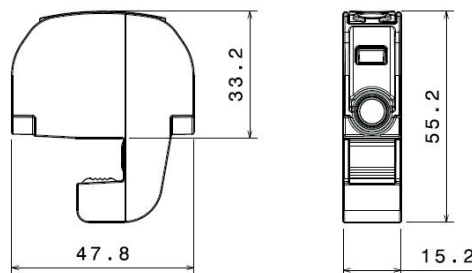
### Terminal cross section / Outgoing

2 x 16 mm <sup>2</sup>	1,5 – 16 mm <sup>2</sup> , round conductor Cu (solid wire and multi wire) 1 – 10 mm <sup>2</sup> , stranded wire with ferrule cross-head screw M6 x 10 +/- PZ2 tightening torque 2,5 Nm stripping length 12 mm
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<b>Materials:</b>	Terminal body: brass (CuZn39Pb2) bright
	Housing: PA 6 (Halogen-free)
	Screws: steel Zn thick-film passivated

<b>Flame resistance:</b>	Self-extinguishing
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<b>Mechanical data:</b>	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	5 mm	10 mm	10 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, 25, 30	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, 15, 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 <sup>2</sup>	1 x 16 mm <sup>2</sup>	2 x 10 mm <sup>2</sup>	1 x 16 mm <sup>2</sup>	2 x 10 mm <sup>2</sup>	1 x 16 mm	2 x 10 mm <sup>2</sup>

### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
086105-0-4	Universal	light grey RAL 7035	12	4051589610506