


Technical data		 13.01.2014
Description:	Busbar Tapping 16mm <sup>2</sup>	
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)

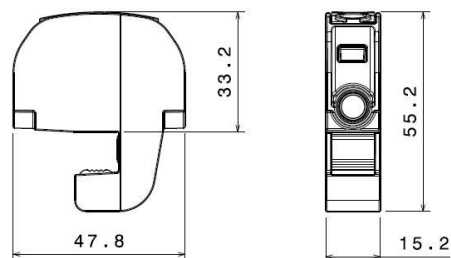
Busbar cross section / Incoming	
1 x Busbar	Cu busbar strength (height) 3 – 10 mm / depth (width) minimum 10 mm Clamping screw for busbar connection: cross-head screw M8 x 20 +/- PZ3 tightening torque 3 Nm

Terminal cross section / Outgoing	
2 x 16 mm <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

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

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 <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