





## Technical data

Description:	Power distribution block PDB 400
Construction:	all-side fingersafe, modular system, bridgeable
Item no. :	082080-0-3

## IEC Specific

Standards:	DIN EN 60947-7-1				
Nominal Voltage:	1000 V AC 1500 V DC				
Nominal current:	269 A Cu  400 A Cu 				
Terminal cross section:	Incoming	Cu			
	1 x	35 – 120 mm <sup>2</sup> 25 – 95 mm <sup>2</sup> M14 19 Nm 27 mm			round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	1 x	24 x 10 mm M6 3 Nm 22 mm			flat conductor Cu allen screw (hexagonal socket) x 2 tightening torque stripping length
	Outgoing				
	2 x	4 – 35 mm <sup>2</sup> 2,5 – 25 mm <sup>2</sup> M8 2,5 Nm 18 mm			round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	3 x	2,5 – 25 mm <sup>2</sup> 1,5 – 16 mm <sup>2</sup> M6 2 Nm 12 mm			round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	4 x	1,5 – 16 mm <sup>2</sup> 1,5 – 10 mm <sup>2</sup> M6 2 Nm 12 mm			round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length

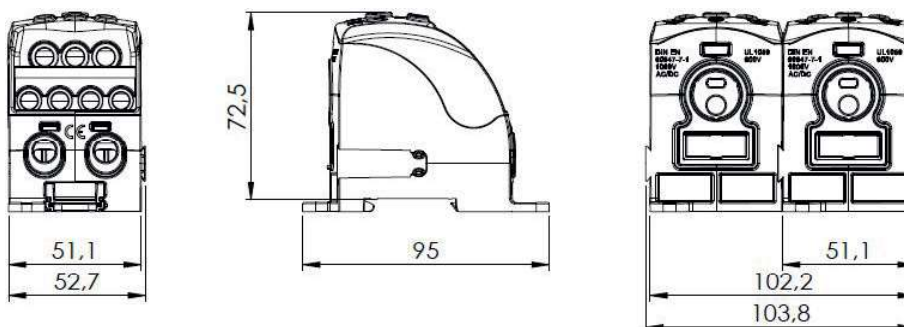
Remarks: The product is compliant with the EC ROHS directives


Materials:

Terminal body:	brass (CuZn39Pb2)	tin plated
Basic housing:	PA 6 (Halogen-free)	
Cover:	PC	
Screws:	steel	Zn thick-film passivated




Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 52,7 x 72,5 x 95



<b>Technical data</b>		 15.11.2016
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## UL Specific

Standards:	UL-1059	UL-1059		
Nominal Voltage:	600 V AC	600 V AC		
Nominal current:	250 A Cu 	205 A Al 		
Terminal cross section:	Incoming	Cu	Al	
	1 x	2 – 250 AWG 4 – 3/0 AWG M14 19 Nm 27 mm	2 – 250 AWG 4 – 3/0 AWG M14 22,6 Nm 27 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	1 x	24 x 10 mm M6 3 Nm 22 mm	- - - -	flat conductor Cu allen screw (hexagonal socket) x 2 tightening torque stripping length
	Outgoing			
	2 x	12 – 2 AWG 14 – 4 AWG M8 6 Nm 18 mm	6 – 2 AWG 6 – 4 AWG M8 11,3 Nm 18 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	3 x	14 – 4 AWG 16 – 6 AWG M6 3 Nm 12 mm	6 – 4 AWG 6 AWG M6 5,1 Nm 12 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	4 x	16 – 6 AWG 16 – 8 AWG M6 3 Nm 12 mm	6 AWG M6 5,1 Nm 12 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length

### SCCR Rating:

Line	Load	Fuse Class						Amps, kA	Voltage, V
		J	T	RK1	RK5	G	CC		
3/0 - 4	4 - 14 Top	60	60	60	30	-	30	200	600
250 - 2	6 - 14 Middle 2 - 12 Bottom	-	-	-	-	60	-	100	600

Design				
Basic housing colour – light grey RAL 7035				
Part no.	Design	Cover colour	PU	GTIN (EAN)
082080-0-3	Universal	crystal clear	1	4051589208031