




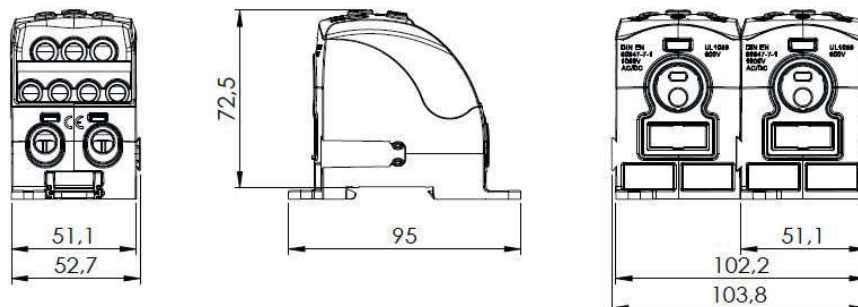



<b>Technical data</b>		 15.11.2016
Description:	Power distribution block PDB 400	
Construction:	all-side fingersafe, modular system, bridgeable	
Item no. :	082080-0-3	

## 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



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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
	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
	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

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