





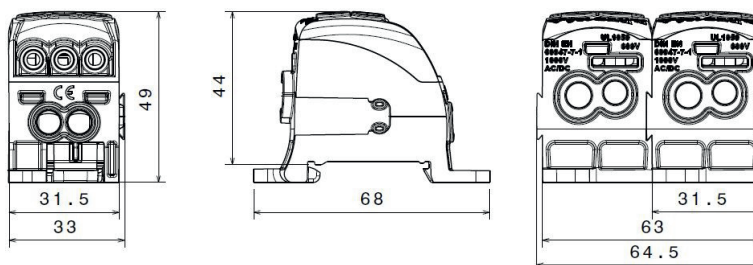
## Technical data


Description:	Power distribution block PDB 160
Construction:	all-side fingersafe, modular system, bridgeable
Item no. :	082040-0-3

## IEC Specific




Standards:	IEC 60947-7-1				
Nominal Voltage:	1000 V AC 1000 V DC				
Nominal current:	101 A Cu  164 A Cu 				
Terminal cross section:	Incoming	Cu			
	1 x	2,5 – 25 mm <sup>2</sup> 1,5 – 16 mm <sup>2</sup> M6 2,5 Nm 19 mm			round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	Brücke/ Outgoing				
	1 x kombi- niert	1,5 – 16 mm <sup>2</sup> 1,5 – 10 mm <sup>2</sup> M6 2,5 Nm 19 mm  Fork M6			round conductor Cu (solid wire and multi wire) stranded wire with ferrule cross-head screw +/- PZ2 tightening torque stripping length  Phase rail Cu
	Outgoing				
	2 x	1,5 – 16 mm <sup>2</sup> 1,5 – 10 mm <sup>2</sup> M6 2,5 Nm 14 mm			round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	3 x	1,5 – 10 mm <sup>2</sup> 1,5 – 6 mm <sup>2</sup> M5 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):	33 x 49 x 68



<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:	85 A Cu 	65 A Al 	
Terminal cross section:	Incoming	Cu	Al
1 x	14 – 4 AWG 16 – 6 AWG M6 2,5 Nm 19 mm	6 – 4 AWG - M6 5,1 Nm 19 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
Brücke/ Outgoing			
1 x kombi- niert	16 – 6 AWG 16 – 8 AWG M6 2,5 Nm 19 mm Fork M6	6 AWG - M6 5,1 Nm 19 mm Fork M6	round conductor Cu (solid wire and multi wire) stranded wire with ferrule cross-head screw +/- PZ2 tightening torque stripping length  Phase rail Cu
Outgoing			
2 x	16 – 6 AWG 16 – 8 AWG M6 2,5 Nm 14 mm	6 AWG - M6 5,1 Nm 14 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
3 x	16 – 8 AWG 16 – 10 AWG M5 2 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		
4 - 14	8 - 14 Top	60	60	60	30	-	30	200	600
	4 - 14 Bottom	-	-	-	-	60	-	100	600
	6 - 14 LS Load								

Design				
Basic housing colour – light grey RAL 7035				
Part no.	Design	Cover colour	PU	GTIN (EAN)
082040-0-3	Universal	crystal clear	1	4051589204033