




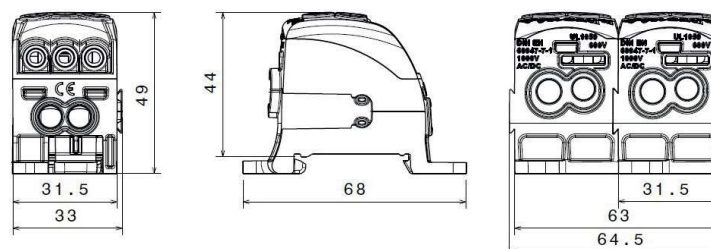



Technical data		 15.11.2016
Description:	Power distribution block PDB 160	
Construction:	all-side fingersafe, modular system, bridgeable	
Item no. :	082040-0-3	

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 ² 1,5 – 16 mm ² 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 ² 1,5 – 10 mm ² 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 ² 1,5 – 10 mm ² 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 ² 1,5 – 6 mm ² 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



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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	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																																																
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SCCR Rating:	<table border="1"> <thead> <tr> <th rowspan="2">Line</th> <th rowspan="2">Load</th> <th colspan="6">Fuse Class</th> <th rowspan="2">Amps, kA</th> <th rowspan="2">Voltage, V</th> </tr> <tr> <th>J</th> <th>T</th> <th>RK1</th> <th>RK5</th> <th>G</th> <th>CC</th> </tr> </thead> <tbody> <tr> <td rowspan="3">4 - 14</td> <td>8 - 14 Top</td> <td>60</td> <td>60</td> <td>60</td> <td>30</td> <td>-</td> <td>30</td> <td>200</td> <td>600</td> </tr> <tr> <td>4 - 14 Bottom</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>60</td> <td>-</td> <td>100</td> <td>600</td> </tr> <tr> <td>6 - 14 LS Load</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								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								
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	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