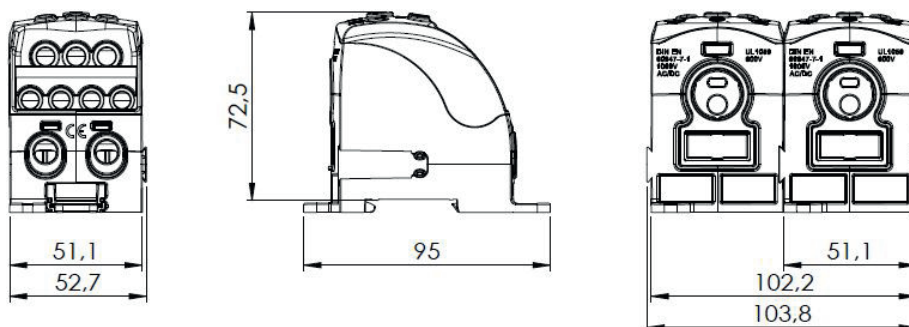


Technical data		
Description:	Power distribution block PDB 400	
Construction:	all-side fingersafe, modular system, bridgeable	
Item no. :	082080-0-3	
		15.11.2016

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 ² 25 – 95 mm ² 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 ² 2,5 – 25 mm ² 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 ² 1,5 – 16 mm ² 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 ² 1,5 – 10 mm ² 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



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

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:	<table><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><tr><td>3/0 - 4</td><td>4 - 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>250 - 2</td><td>6 - 14 Middle 2 - 12 Bottom</td><td>-</td><td>-</td><td>-</td><td>-</td><td>60</td><td>-</td><td>100</td><td>600</td></tr></table>									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
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