




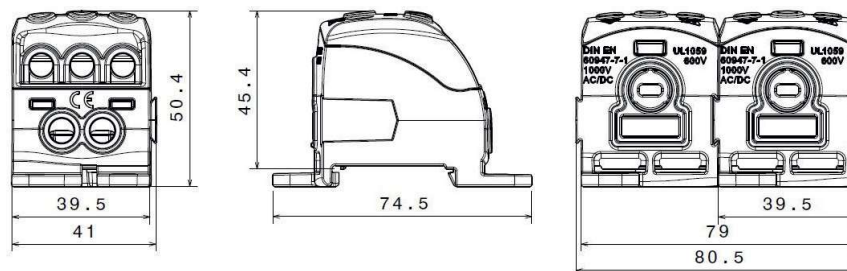



Technical data		 15.11.2016
Description:	Power distribution block PDB 220	
Construction:	all-side fingersafe, modular system, bridgeable	
Item no. :	082060-0-3	

IEC Specific




Standards:	DIN EN 60947-7-1	 	
Nominal Voltage:	1000 V AC 1000 V DC		
Nominal current:	192 A Cu  215 A Cu 		
Terminal cross section:	Incoming	Cu	
	1 x	10 – 70 mm ² 6 – 50 mm ² M10 10 Nm 17 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	1 x	15,5 x 5 mm M5 2 Nm 17 mm	flat conductor Cu allen screw (hexagonal socket) x 2 tightening torque stripping length
	Outgoing		
	2 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
	3 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): 41 x 50,4 x 74,5



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UL Specific

Standards:	UL-1059	UL-1059		
Nominal Voltage:	600 V AC	600 V AC		
Nominal current:	160 A Cu 	135 A Al 		
Terminal cross section:	Incoming	Cu	Al	
	1 x	8 – 2/0 AWG 10 – 1/0 AWG M10 10 Nm 17 mm	6 – 2/0 AWG 6 – 1/0 AWG M10 13,6 Nm 17 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	1 x	15,5 x 3,2 mm M5 x 20 2 Nm 17 mm	- - - -	flat conductor Cu allen screw (hexagonal socket) x 2 tightening torque stripping length
	Outgoing			
	2 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
	3 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		
1/0 - 10	6 - 14 Top	60	60	60	30	-	30	200	600
	4 - 14 Bottom	-	-	-	-	60	-	100	600

Design				
Basic housing colour – light grey RAL 7035				
Part no.	Design	Cover colour	PU	GTIN (EAN)
082060-0-3	Universal	crystal clear	1	4051589206037