




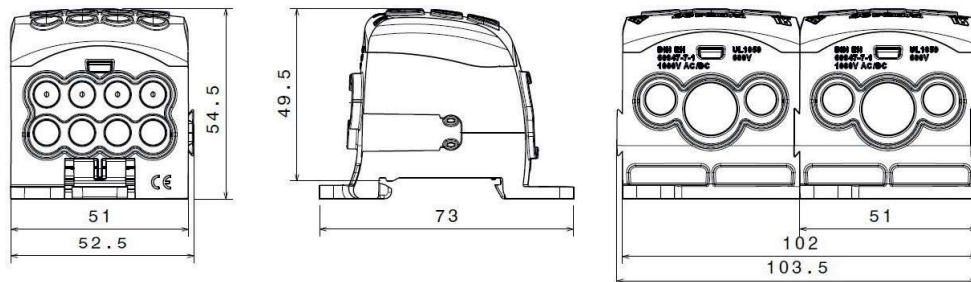



Technical data		 15.11.2016
Description:	Power distribution block PDB 270	
Construction:	all-side fingersafe, modular system, bridgeable	
Item no. :	082070-0-3	

IEC Specific




Standards:	DIN EN 60947-7-1	 	
Nominal Voltage:	1000 V AC 1000 V DC		
Nominal current:	232 A Cu  270 A Cu 		
Terminal cross section:	Incoming	Cu	
	1 x	16 – 95 mm ² 10 – 70 mm ² M12 14 Nm 14 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) SW 6 tightening torque stripping length
	Bridge/ Outgoing		
	2 x	4 – 35 mm ² 2,5 – 25 mm ² M8 3,5 Nm 12 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	Outgoing		
	8 x	2,5 – 25 mm ² 1,5 – 16 mm ² M6 2,5 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):	52,5 x 54,5 x 73



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UL Specific

Standards:	UL-1059	UL-1059		
Nominal Voltage:	600 V AC	600 V AC		
Nominal current:	200 A Cu 	155 A Al 		
Terminal cross section:	Incoming	Cu	Al	
	1 x	6 – 3/0 AWG 8 – 2/0 AWG M12 14 Nm 14 mm	6 – 3/0 AWG 6 – 2/0 AWG M12 22,6 Nm 14 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) SW 6 tightening torque stripping length
	Bridge/ Outgoing			
	2 x	12 – 2 AWG 14 – 4 AWG M8 3,5 Nm 12 mm	6 – 2 AWG 6 – 4 AWG M8 11,3 Nm 12 mm	round conductor Cu (solid wire and multi wire) stranded wire with ferrule allen screw (hexagonal socket) tightening torque stripping length
	Outgoing			
	8 x	14 – 4 AWG 16 – 6 AWG M6 2,5 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

SCCR Rating:	Line	Load	Fuse Class					Amps, kA	Voltage, V	
			J	T	RK1	RK5	G			CC
	3/0 - 6	4 - 14 2 - 12 LS Load	60	60	60	30	-	30	200	600
			-	-	-	-	60	-	100	600

Design				
Basic housing colour – light grey RAL 7035				
Part no.	Design	Cover colour	PU	GTIN (EAN)
082070-0-3	Universal	crystal clear	1	4051589207034