





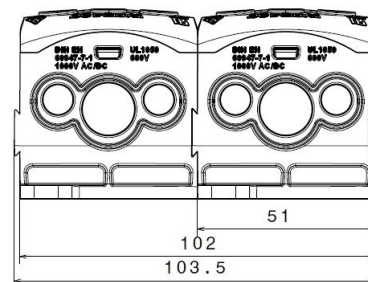
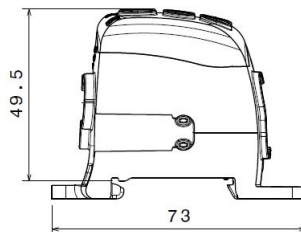
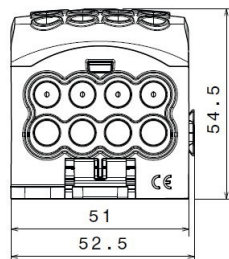
Technical data

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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10.08.2023

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.	Cover colour	PU	GTIN (EAN)
082070-0-3	crystal clear	1	4051589207034
082070-1-3	blue	1	4051589207096
082070-4-3	black	1	4051589000598
082070-5-3	red	1	4051589000604