





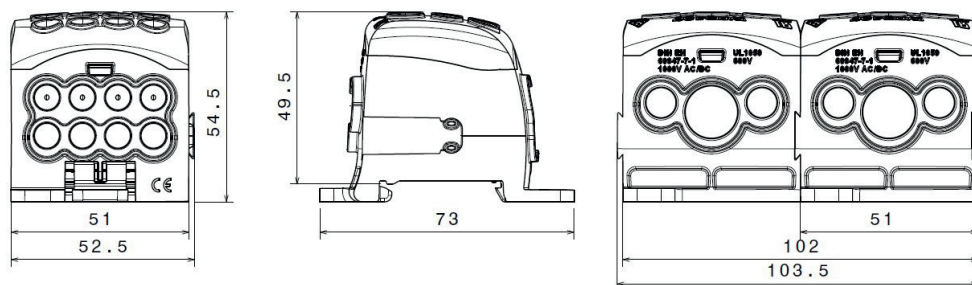
Technical data


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



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

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	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

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