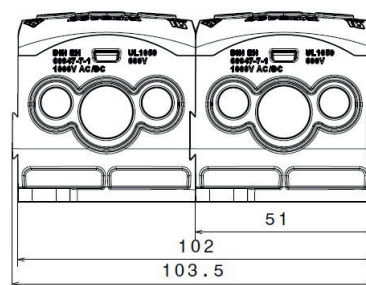
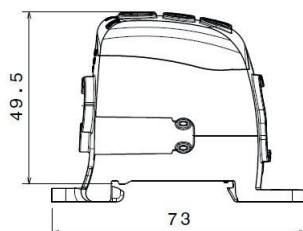
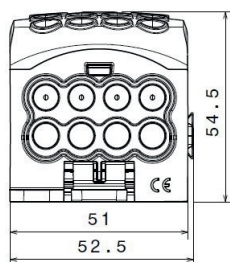


Technical data		 15.11.2016
Description:	Power distribution block PDB 270	
Construction:	all-side fingersafe, modular system, bridgeable	
Item no. :	082070-0-3	

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



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

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:	<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 rowspan="2">3/0 - 6</td><td>4 - 14</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>2 - 12 LS Load</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 - 6	4 - 14	60	60	60	30	-	30	200	600	2 - 12 LS Load	-	-	-	-	60	-	100	600
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