



Cover page

Product name : AAF-0073B04-100AE54

Operation voltage : 380V-480V / 3~, 50/60Hz
Control voltage : 200-240V AC
Signal voltage : ./.
Filter current : 100A
max. short-circuit current ICC : 50KA
max. ambient temperature : 40°C
protection class : IP 54
weight : 183Kg

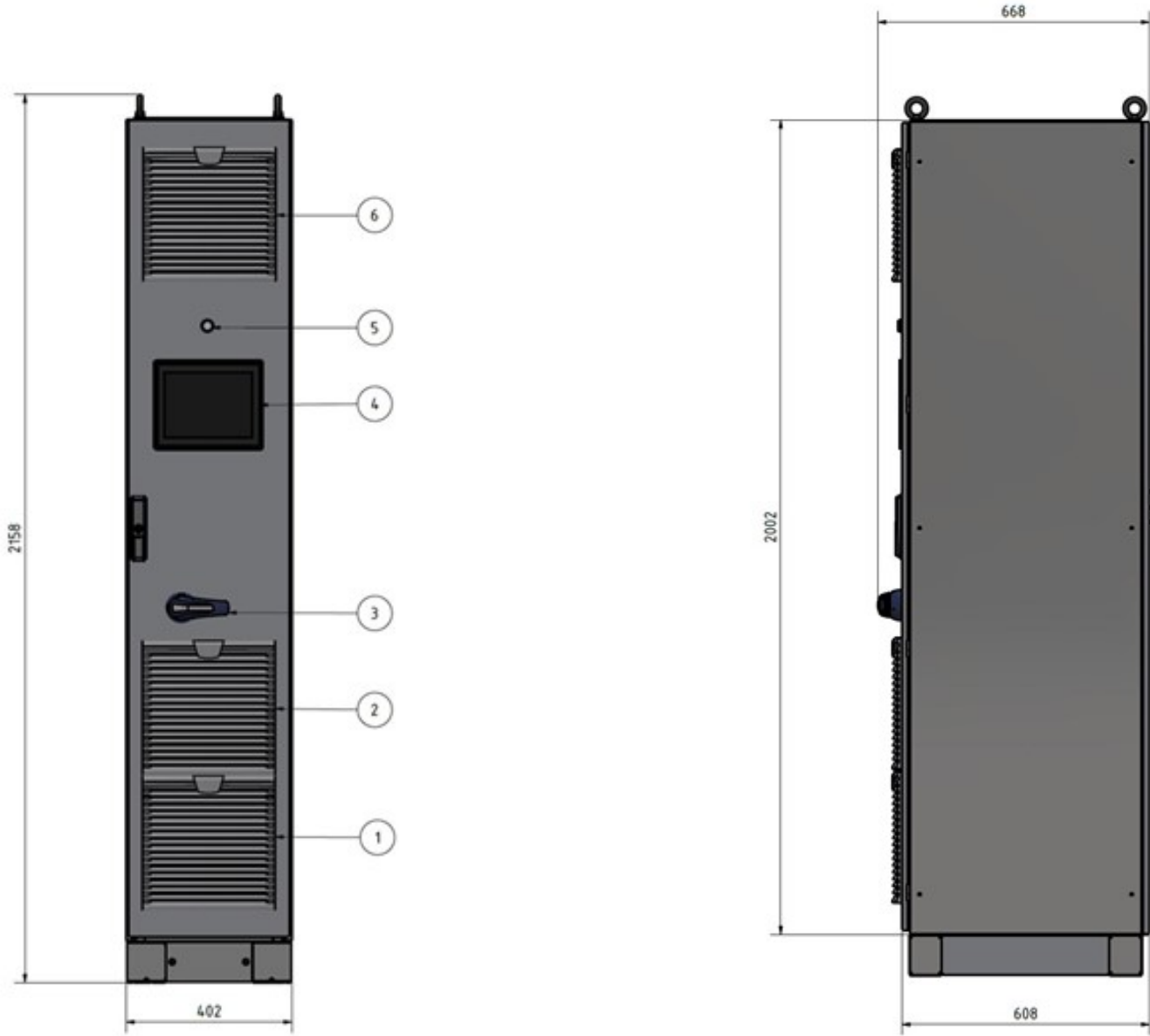
Changes			Date	Name	Designation	page
Date	Name	signed	05.06.2025		AAF-0073B04-100AE54	1
		tested	05.06.2025			
					Drawing No:	from
		Standard			136c0174	16



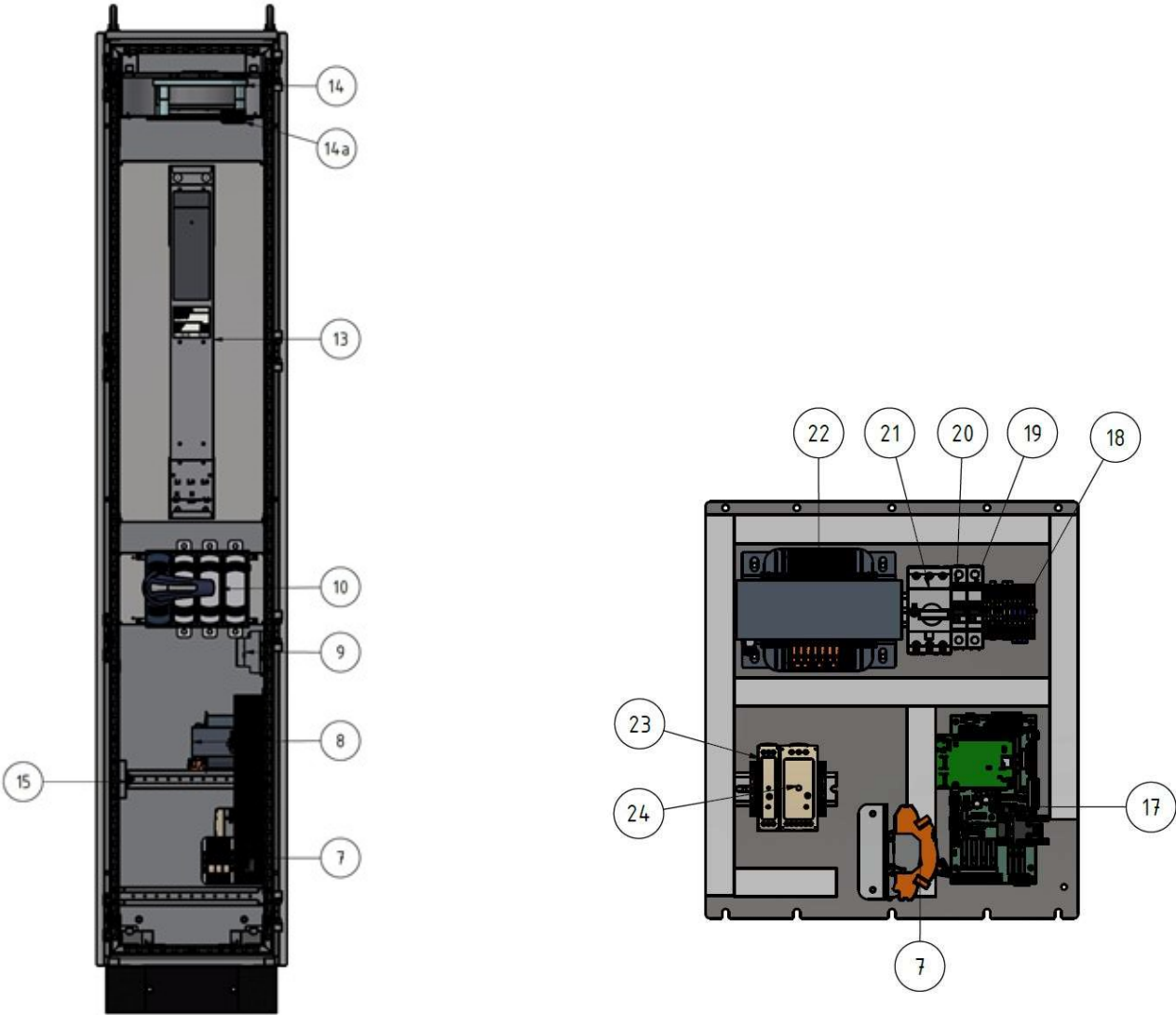
Dangerous voltages can cause electric shock or burns.
Switch off the voltage before working on the device!
Before switching on again, ensure that the device is tightly closed.

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System	Location	Page	Page naming						Additional page field		Date	Editor			
		1	Cover page							05.06.2025					
		2	Warning							05.06.2025					
		3	table of contents							05.06.2025					
		4	drawing cabinet outside							05.06.2025					
		5	drawing cabinet inside							05.06.2025					
		6	Cabinet legend outside							05.06.2025					
		7	Cabinet legend inside							05.06.2025					
		8	schematic diagram open loop							05.06.2025					
		9	schematic diagram closed loop							05.06.2025					
		10	power supply circuit diagram							05.06.2025					
		11	main circuit filter connection U1							05.06.2025					
		12	auxiliary voltage circuit 230V							05.06.2025					
		13	Control board A14 / costumer terminals							05.06.2025					
		14	Related spareparts and accessories							05.06.2025					
		15	cable overview 1							05.06.2025					
		16	terminal overview							05.06.2025					
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			Standard						136c0174						



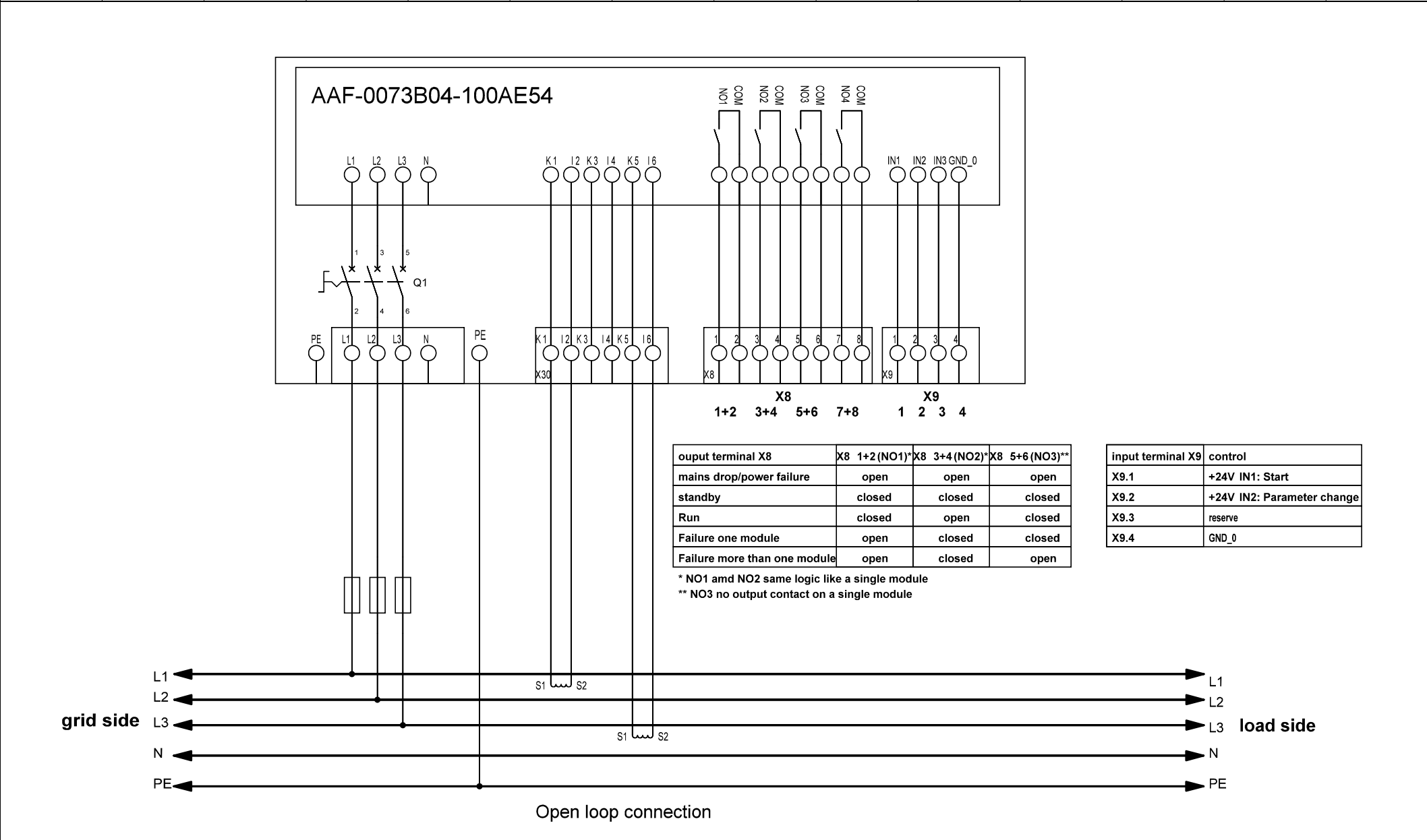
Changes			Date	Name	Designation	page
Date	Name	signed	05.06.2025		AAF-0073B04-100AE54	4
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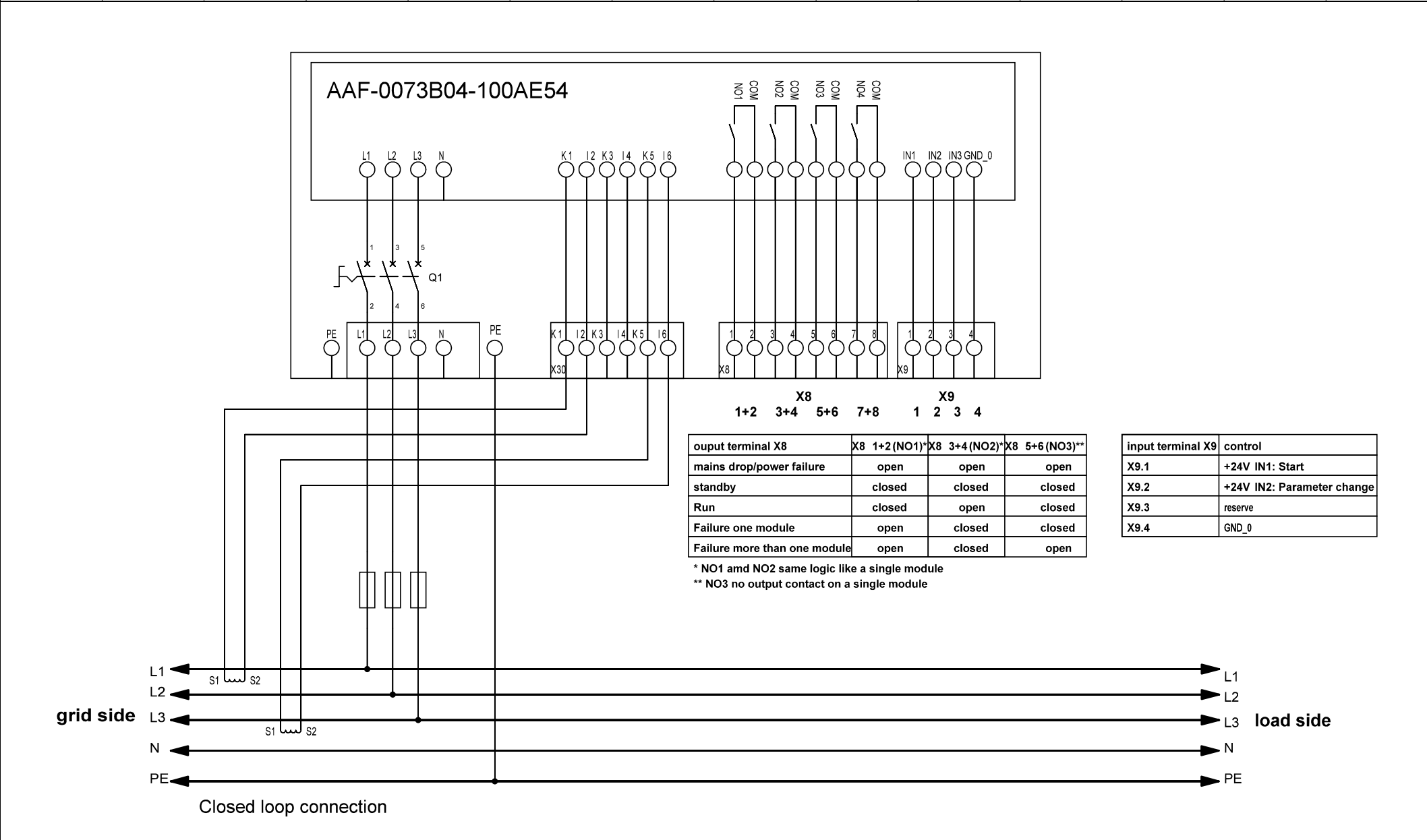


Changes			Date	Name	Designation	page
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		tested	05.06.2025		Drawing No: 136c0174	from 16
		Standard				

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Related spareparts and accessories - Part numbers			
accessories	Part numbers	spare	Part numbers
Current transformer 250A (+VD02)	136b3266	AAF-0073B04-100A0E20	137U0978
Current transformer 400A (+VD03)	136b3267	Cabinet CT terminal Block	136b4665
HMI (+BF50)	136b4686	Power supply HMI	136b4666
Plint 100mm x 400mm	136b4672	Power supply Control PCB	136b4667
		cover IEC main switch M3 250A	136b4809
		NH01 160A	136b4670
		Control board	136b4673
		speed controller for fan	136b4676
		door fan	136b4677
		fan filter	136b4678
		output fan K3G190	136b4901

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Cable name	origin	end			wires		cross-section	length					
Cable designation	from	to	Cable type	total	free	mm²	m	revision-date	revision-index	Function text target			
-W1	-X	Q1 L1.1/L2.1/L3.1/PE		4	0	min. 50/25 max. 185/90					feed cable 3x400V/50Hz		
-W2.1	Q1	U1 L1	Nsgaföu	1	0	50					supply line RHF-Active		
-W2.2	Q1	U1 L2	Nsgaföu	1	0	50					supply line RHF-Active		
-W2.3	Q1	U1 L3	Nsgaföu	1	0	50					supply line RHF-Active		
-W3.1	Q1	Q2	Nsgaföu	1	0	1,5					supply line control voltage		
-W3.2	Q1	Q2	Nsgaföu	1	0	1,5					supply line control voltage		
-W3.3	Q1	Q2	Nsgaföu	1	0	1,5					supply line control voltage		

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Terminal block	Terminal conductor definition text	Terminals											
		first	last	Total PE	Total N	Total count							
-X1	fan supply 230V controler	1	3	1	1	3							
-X5	fan supply 230V output fan	1	6	1	1	6							
-X30	CT terminal	1	4	0	0	4							
				</									