



EPLAN GmbH & Co. KG

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Company / customer

Project description Practice_1
Job number IEC_bas001
Commission EPLAN

Manufacturer (company) EPLAN GmbH & Co. KG







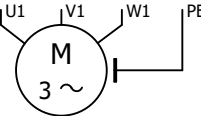
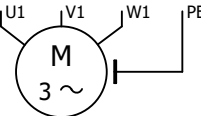
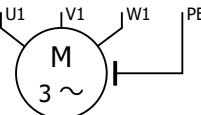
Path EPLAN sample project
Project name Practice_1
Make
Type
Place of installation
Responsible for project
Part feature

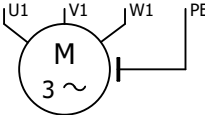
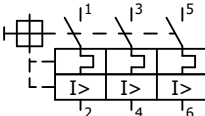
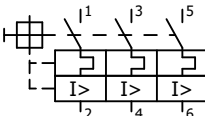
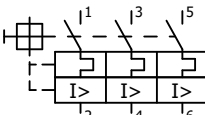
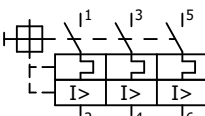
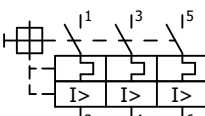
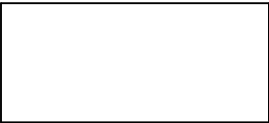


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Number of pages 19

			Date	3/4/2023	EPLAN	EPLAN GmbH & Co. KG	Title page / cover sheet			=		
			Ed.	sayad.hassan						+		
			Appr.								Page	1
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Device tag list




F03_001

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Factory+CAB1-F1 SIE.5SY4106-7 5SY4106-7	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, C, 6A, D=70MM	=Factory+CAB1/6.3	
=Factory+CAB1-KBM1		=Factory+CAB1/6.0	
=Factory+CAB1-KM1		=Factory+CAB1/5.0	
=Factory+CAB1-KM2		=Factory+CAB1/5.2	
=Factory+CAB1-KM3		=Factory+CAB1/5.4	
=Factory+CAB1-KM4		=Factory+CAB1/5.6	
=Factory+CAB1-M1		=Factory+CAB1/5.1	
=Factory+CAB1-M2		=Factory+CAB1/5.3	
=Factory+CAB1-M3		=Factory+CAB1/5.5	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Factory+CAB1-M4		=Factory+CAB1/5.7	
=Factory+CAB1-Q1		=Factory+CAB1/4.1	
=Factory+CAB1-Q2		=Factory+CAB1/5.1	
=Factory+CAB1-Q3		=Factory+CAB1/5.3	
=Factory+CAB1-Q4		=Factory+CAB1/5.5	
=Factory+CAB1-Q5		=Factory+CAB1/5.7	
=Factory+CAB1-U1		=Factory+CAB1/6.3	
=Factory+CAB1-U1-L		=Factory+CAB1/6.3	
=Factory+CAB1-U1-N		=Factory+CAB1/6.3	

Device tag list

F03_001

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Factory+CAB1-U1-PE		=Factory+CAB1/6.3	
=Factory+CAB1-X1		=Factory+CAB1/4.1	
=Factory+CAB1-X2		=Factory+CAB1/5.1	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol

Cable diagram

F09_001

Cable name =Factory+CAB1-W5	Cable type ÖLFLEX® CLASSIC 100		No. of conductors 4G		Cross-section 1,5	Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
	/6.1	-X2	17	BN	-M1	U1	/6.1	
	/6.1	-X2	18	BK	-M1	V1	/6.1	
	/6.1	-X2	19	GY	-M1	W1	/6.1	
	/6.1	-X2	20	GNYE	-M1	PE	/6.1	

Cable diagram

F09_001

Cable name =Factory+CAB1-W6	Cable type ÖLFLEX® CLASSIC 100		No. of conductors 3G		Cross-section 1,5	Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
	/6.3	-X2	21	BN	-U1-L	1	/6.3	
	/6.3	-X2	22	BU	-U1-N	2	/6.3	
	/6.3	-X2	23	GNYE	-U1-PE	3	/6.3	

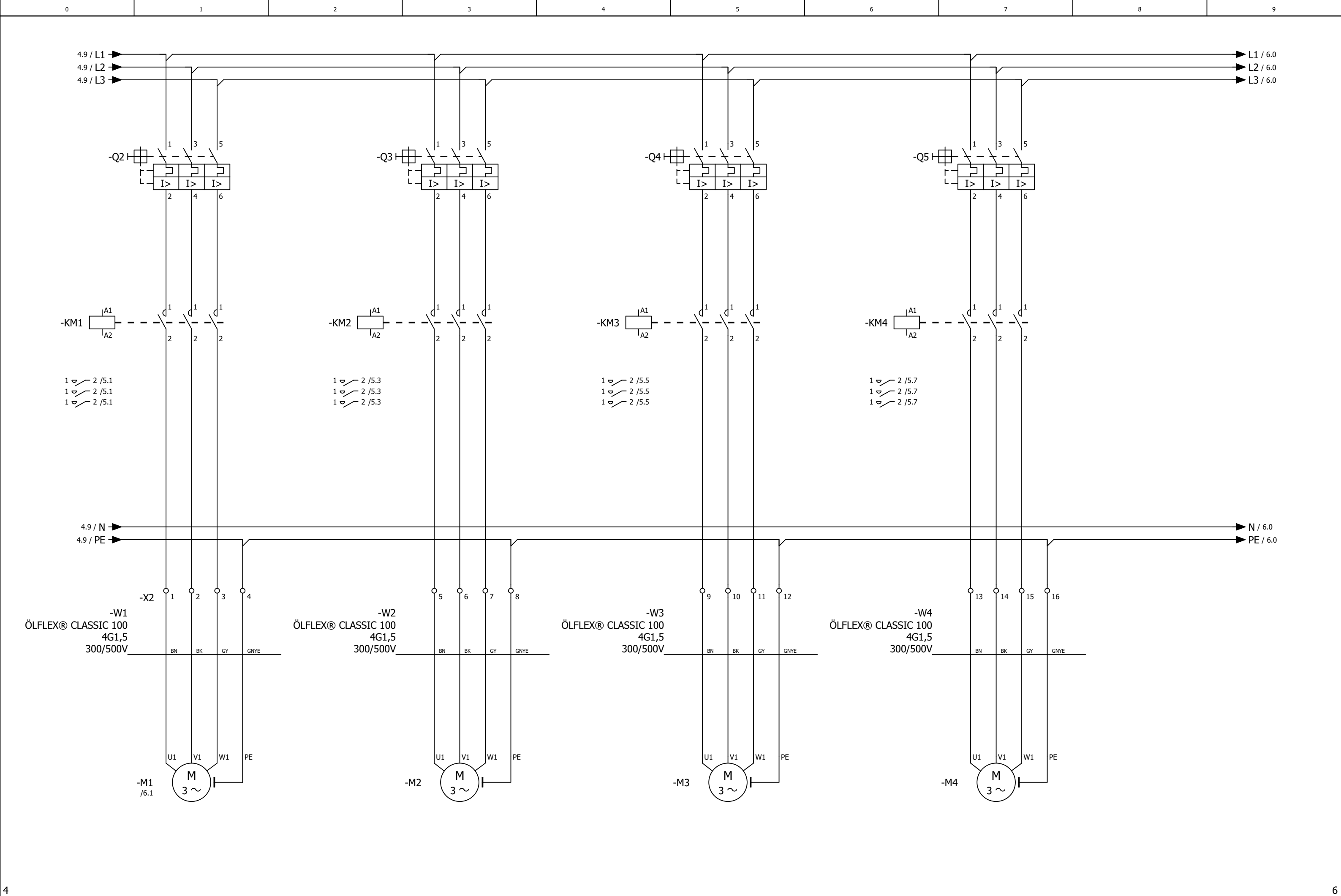
Terminal diagram

F13_001

Strip =Factory+CAB1-X2																	Cable name								Page / column
																	Cable type								
Function text			-W6	-W5	-W4	-W3	-W2	-W1	Cable name	Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point									
			ÖFLEX® CLASSIC 100	ÖFLEX® CLASSIC 100	ÖFLEX® CLASSIC 100	ÖFLEX® CLASSIC 100	ÖFLEX® CLASSIC 100	ÖFLEX® CLASSIC 100																	
								BN			-M1	U1	1		-KM1	2		/5.1							
								BK			-M1	V1	2		-KM1	2		/5.1							
								GY			-M1	W1	3		-KM1	2		/5.1							
								GNYE			-M1	PE	4	●	-X1	5		/5.1							
							BN	-M2			U1	5		-KM2	2	/5.3									
								BK			-M2	V1	6		-KM2	2		/5.3							
							GY	-M2			W1	7		-KM2	2	/5.3									
							GNYE	-M2			PE	8	●			/5.3									
						BN	-M3	U1			9		-KM3	2	/5.5										
						BK	-M3	V1			10		-KM3	2	/5.5										
						GY					-M3	W1	11		-KM3	2		/5.5							
						GNYE	-M3	PE			12	●			/5.5										
					BN	-M4	U1	13				-KM4	2	/5.7											
					BK	-M4	V1	14				-KM4	2	/5.7											
					GY	-M4	W1	15				-KM4	2	/5.7											
					GNYE						-M4	PE	16	●			/5.7								
				BN							-M1	U1	17		-KBM1	2	/6.1								
				BK							-M1	V1	18		-KBM1	2	/6.1								
				GY							-M1	W1	19		-KBM1	2	/6.1								
				GNYE							-M1	PE	20	●			/6.1								
			BN								-U1-L	1	21		-F1	2		/6.3							
			BU								-U1-N	2	22		-X1	4		/6.3							
			GNYE								-U1-PE	3	23	●				/6.3							



			Date	3/4/2023	EPLAN		EPLAN GmbH & Co. KG	Power Infeed			= Factory	
			Ed.	sayad.hassan							+ CAB1	
			Appr.						Practice_1			IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by				Page	17 / 19	



			Date	3/4/2023	EPLAN		EPLAN GmbH & Co. KG	Power Distribution 400/230VAC			= Factory		
			Ed.	sayad.hassan							+ CAB1		
			Appr.						Practice_1				
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