

#### EPLAN GmbH & Co. KG

An der alten Ziegelei 2 40789 Monheim am Rhein

Phone +49 (0)2173 - 39 64 - 0

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

Created on 3/3/2023

Edit date 3/4/2023 by (short name) sayad.hassan Number of pages 19

EPLAN GmbH & Co. KG

			Date	3/4/2023	EPLAN	
			Ed.	sayad.hassan		
			Appr.		Practice_1	
Modification	Date	Name	Original		Replacement of	Replaced by

Title page / cover sheet

Table of contents

3/4/2023

Column X: An automatically generated page was edited

F06\_001

Page	Page description	supplementary page field	Date	Edited by	Х
/1	Title page / cover sheet		3/4/2023	sayad.hassan	
/2	Table of contents : /1 - =Factory+CAB1/6		3/4/2023	sayad.hassan	
/8	Terminal diagram =Factory+CAB1-X1		3/4/2023	sayad.hassan	
/9	Parts list: SIE.5SY4106-7 -		3/4/2023	sayad.hassan	
/10	Summarized parts list : SIE.5SY4106-7 -		3/4/2023	sayad.hassan	
/11	Device tag list : =Factory+CAB1-F1 - =Factory+CAB1-U1-N		3/4/2023	sayad.hassan	
/11.a	Device tag list : =Factory+CAB1-U1-PE - =Factory+CAB1-X2		3/4/2023	sayad.hassan	
/12	Cable diagram =Factory+CAB1-W1		3/4/2023	sayad.hassan	
/13	Cable diagram =Factory+CAB1-W2		3/4/2023	sayad.hassan	
/14	Cable diagram =Factory+CAB1-W3		3/4/2023	sayad.hassan	
/15	Cable diagram =Factory+CAB1-W4		3/4/2023	sayad.hassan	
/16	Cable diagram =Factory+CAB1-W5		3/4/2023	sayad.hassan	
/17	Cable diagram =Factory+CAB1-W6		3/4/2023	sayad.hassan	
/18	Terminal diagram =Factory+CAB1-X2		3/4/2023	sayad.hassan	
/19	Connection list : -		3/4/2023	sayad.hassan	
/19.a	Connection list : -		3/4/2023	sayad.hassan	
=Factory+CAB1/4	Power Infeed		3/4/2023	sayad.hassan	
=Factory+CAB1/5	Power Distribution 400/230VAC		3/4/2023	sayad.hassan	
=Factory+CAB1/6	Black Box		3/4/2023	sayad.hassan	
			<u> </u>	1	<u> </u>

EPLAN GmbH & Co. KG EPLAN Table of contents : /1 - =Factory+CAB1/6 sayad.hassan IEC\_bas001 Replacement of Replaced by

Terminal diagram

Modification

Date

Replacement of

Replaced by

F13\_001

			Cable name	Strip =Factory+CAB1-X1				Cable name			
Function text		Capic Spec	Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type	Page / column
			$\top$			1		-Q1	2		/4.1
						2		-Q1	4		/4.1
						3		-Q1	6		/4.1
			-			4		-X2	22		/4.2
			+			5		-X2	4		/4.2
			-								
			-							-	
			-								
			$\vdash$							-	
			+								
			_								
	+ +		-								
			-								+
		+	-								
			$\top$								
			-								
			+								-
			$\vdash$								
			-								
	+ +	+	-								
										1	

3/4/2023 EPLAN EPLAN GmbH & Co. KG Terminal diagram =Factory+CAB1-X1 sayad.hassan Practice\_1 Appr. IEC\_bas001

## Parts list

F01\_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=Factory+CAB1-F1 =Factory+CAB1-KBM1	0	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, C, 6A, D=70MM	5SY4106-7	SIE	SIE.5SY4106-7
=Factory+CAB1-KM1	0				
=Factory+CAB1-KM2	0				
=Factory+CAB1-KM3	0				
=Factory+CAB1-KM4	0				
=Factory+CAB1-M1	0				
=Factory+CAB1-M2	0				
=Factory+CAB1-M3	0				
=Factory+CAB1-M4	0				
=Factory+CAB1-Q1	0				
=Factory+CAB1-Q2	0				
=Factory+CAB1-Q3 =Factory+CAB1-Q4	0				
=Factory+CAB1-Q5	0				
=Factory+CAB1-U1	0				
,					

Summarized parts list

Order number	Quantity	Description Designation	Type number Part number	Manufacturer Supplier	Unit price	Total price	Pos.
5SY4106-7	1 Piece	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, C, 6A, D=70MM	5SY4106-7 SIE.5SY4106-7	SIE SIE	0.00	0.00	:
	0					0.00	
							· · · · · · · · · · · · · · · · · · ·
							· · · · · · · · · · · · · · · · · · ·
							i i
							:

sayad.hassan Appr. Modification

3/4/2023

EPLAN

Replacement of

Replaced by

EPLAN GmbH & Co. KG

Summarized parts list: SIE.5SY4106-7 -

IEC\_bas001

## Device tag list

Device tag Part number	Function text	X-Ref	Symbol
Type number	Article designation		,
=Factory+CAB1-F1		=Factory+CAB1/6.3	,1
SIE.5SY4106-7			
5SY4106-7	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, C, 6A, D=70MM		
=Factory+CAB1-KBM1		=Factory+CAB1/6.0	IA1
			T <sub>A2</sub>
=Factory+CAB1-KM1		=Factory+CAB1/5.0	
			I <sub>A2</sub>
=Factory+CAB1-KM2		=Factory+CAB1/5.2	
		. 23.0.7 / 2.22/012	I <sub>A1</sub>
			'AZ
=Factory+CAB1-KM3		=Factory+CAB1/5.4	
			T <sub>A2</sub>
=Factory+CAB1-KM4		=Factory+CAB1/5.6	
			I <sub>A2</sub>
=Factory+CAB1-M1		=Factory+CAB1/5.1	U1  V1  W1  PE
			M 3 ~
=Factory+CAB1-M2		=Factory+CAB1/5.3	
			M 3 ~
=Factory+CAB1-M3		=Factory+CAB1/5.5	l <sup>U1</sup> l <sup>V1</sup> l <sup>W1</sup> l <sup>PE</sup>
			M 3~
		1	

Device tag Part number Type number	Function text  Article designation	X-Ref	Symbol
=Factory+CAB1-M4		=Factory+CAB1/5.7	1 V1
=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	1
=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	

F03\_001

## Device tag list

	T		
Device tag Part number	Function text	X-Ref	Symbol
Type number	Article designation		
=Factory+CAB1-U1-PE		=Factory+CAB1/6.3	J <sub>3</sub>
=Factory+CAB1-X1		=Factory+CAB1/4.1	φ <sub>1</sub>
=Factory+CAB1-X2		=Factory+CAB1/5.1	φ <sub>1</sub>

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

1 Date 3/4/2023 EPLAN EPLAN EPLAN GmbH & Co. KG Device tag list: =Factory+CAB1-U1-PE - =

			Ed.	sayad.hassan		
			Appr.		Practice_1	
Modification	Date	Name	Original		Replacement of	Replaced by

& Co. KG Device tag list : =Factory+CAB1-U1-PE - =Factory+CAB1-X2

	+		
IEC_bas001		Page	11.a
		Page	7 / 19

F03\_001

Cable name =Factory+CAB1-W1	ÖLFLE	Cable type X® CLASSIC 100	No. of cor		Cross-section 1,5	Ca	able length	Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
	/5.1	-X2	1	BN	-M1	U1	/5.1	
	/5.1	-X2	2	BK	-M1	V1	/5.1	
	/5.1	-X2	3	GY	-M1	W1	/5.1	
	/5.1	-X2	4	GNYE	-M1	PE	/5.1	

| Flank | Flan

Cable name = Factory+CAB1-W2	ÖLFLEX	Cable type  R CLASSIC 100	No. of cor		Cross-section 1,5	Ca	ble length	Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
	/5.3	-X2	5	BN	-M2	U1	/5.3	
	/5.3	-X2	6	ВК	-M2	V1	/5.3	
	/5.3	-X2	7	GY	-M2	W1	/5.3	
	/5.3	-X2	8	GNYE	-M2	PE	/5.3	
	I	1	1	l	I	1	I	1

Cable name =Factory+CAB1-W3	ÖLFLE	Cable type K® CLASSIC 100	No. of co		Cross-section 1,5	Ca	ble length	Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
	/5.5	-X2	9	BN	-M3	U1	/5.5	
	/5.5	-X2	10	BK	-M3	V1	/5.5	
	/5.5	-X2	11	GY	-M3	W1	/5.5	
	/5.5	-X2	12	GNYE	-M3	PE	/5.5	

Cable name = Factory + CAB1-W4	ÖLFLI	Cable type EX® CLASSIC 100	No. of co		Cross-section 1,5	Ca	able length	Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
	/5.7	-X2	13	BN	-M4	U1	/5.7	
	/5.7	-X2	14	ВК	-M4	V1	/5.7	
	/5.7	-X2	15	GY	-M4	W1	/5.7	
	/5.7	-X2	16	GNYE	-M4	PE	/5.7	

| Flank | Flan

Cable type ÖLFLEX® CLASSIC 100		1		Cross-section 1,5	Ca	able length	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		
		+						
		+						
	X-Ref  /6.1  /6.1  /6.1	ÖLFLEX® CLASSIC 100           X-Ref         Target designation from           /6.1         -X2           /6.1         -X2           /6.1         -X2	ÖLFLEX® CLASSIC 100         40           X-Ref         Target designation from point         Connection point           /6.1         -X2         17           /6.1         -X2         18           /6.1         -X2         19	ÖLFLEX® CLASSIC 100         4G           X-Ref         Target designation from point         Connection point         Conductor           /6.1         -X2         17         BN           /6.1         -X2         18         BK           /6.1         -X2         19         GY	ÖLFLEX® CLASSIC 100         4G         1,5           X-Ref         Target designation from point         Connection point         Conductor         Target designation to           /6.1         -X2         17         BN         -M1           /6.1         -X2         18         BK         -M1           /6.1         -X2         19         GY         -M1	ÖLFLEX® CLASSIC 100         4G         1,5           X-Ref         Target designation from point         Connection point         Conductor         Target designation to         Connection point           /6.1         -X2         17         BN         -M1         U1           /6.1         -X2         18         BK         -M1         V1           /6.1         -X2         19         GY         -M1         W1	ÖLFLEX® CLASSIC 100         4G         1,5           X-Ref         Target designation from point         Connection point         Conductor         Target designation to         Connection point         X-Ref           /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	

Cable name =Factory+CAB1-W6	ÖLFLE	Cable type X® CLASSIC 100	No. of co		Cross-section 1,5	Ca	ble 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

Modification

Replacement of

Replaced by

F13\_001

	-W6	-W5	-W4	-W3	-W2	-W1	Cable name		=Fac	si	trip +CA	B1-X2		Cable name	
Function text	ÖLFLEX® CLASSIC 100	Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type	Page / column					
						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 BK			-M2 -M2	U1 V1	5	+	-KM2	2	$\vdash$	/5.3
					GY			-M2	W1	7	+	-KM2	2		/5.3
					GNYE			-M2	PE	8	•	-N12			/5.3
	_			BN	GIVIE			-M3	U1	9	<del></del>	-KM3	2		/5.5
				BK				-M3	V1	10		-KM3	2		/5.5
				GY				-м3	W1	11		-KM3	2		/5.5
				GNYE				-м3	PE	12	•				/5.5
			BN					-M4	U1	13		-KM4	2		/5.7
			ВК					-M4	V1	14		-KM4	2		/5.7
			GY				1	-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	٦				/6.3
														-	
														-	
														-	
	_			-+										1	
	+	+		+										-	
	+			+										1	
	+			-		-								1	
	+			_		-								1	
							-		1					1	

## Connection list

F27\_001

Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=Factory+CAB1-Q1:2	=Factory+CAB1-X1:1				=Factory+CAB1/4.1	=Factory+CAB1/4.1	Conductor / wire
	=Factory+CAB1-Q1:1	=Factory+CAB1-Q2:1				=Factory+CAB1/4.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-Q2:1	=Factory+CAB1-Q3:1				=Factory+CAB1/5.1	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-Q3:1	=Factory+CAB1-Q4:1				=Factory+CAB1/5.3	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-Q1:4	=Factory+CAB1-X1:2				=Factory+CAB1/4.1	=Factory+CAB1/4.1	Conductor / wire
	=Factory+CAB1-Q1:3	=Factory+CAB1-Q2:3				=Factory+CAB1/4.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-Q2:3	=Factory+CAB1-Q3:3				=Factory+CAB1/5.1	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-Q2:3							•
		=Factory+CAB1-Q4:3				=Factory+CAB1/5.3	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-Q1:6	=Factory+CAB1-X1:3				=Factory+CAB1/4.1	=Factory+CAB1/4.1	Conductor / wire
	=Factory+CAB1-Q1:5	=Factory+CAB1-Q2:5				=Factory+CAB1/4.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-Q2:5	=Factory+CAB1-Q3:5				=Factory+CAB1/5.1	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-Q3:5	=Factory+CAB1-Q4:5				=Factory+CAB1/5.3	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-X1:4	=Factory+CAB1-X2:22				=Factory+CAB1/4.2	=Factory+CAB1/6.3	Conductor / wire
	=Factory+CAB1-X1:5	=Factory+CAB1-X2:4				=Factory+CAB1/4.2	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-X2:4	=Factory+CAB1-X2:8				=Factory+CAB1/5.1	=Factory+CAB1/5.3	Wire jumper
	=Factory+CAB1-X2:8	=Factory+CAB1-X2:12				=Factory+CAB1/5.3	=Factory+CAB1/5.5	Wire jumper
	=Factory+CAB1-X2:12	=Factory+CAB1-X2:16	+			=Factory+CAB1/5.5	=Factory+CAB1/5.7	Wire jumper
	=Factory+CAB1-X2:16	· ·	+			=Factory+CAB1/5.7	=Factory+CAB1/6.1	
	<u>'</u>	=Factory+CAB1-X2:20	1			-	· · ·	Wire jumper
	=Factory+CAB1-X2:20	=Factory+CAB1-X2:23				=Factory+CAB1/6.1	=Factory+CAB1/6.3	Wire jumper
	=Factory+CAB1-M1:U1	=Factory+CAB1-X2:1	1,5	BN		=Factory+CAB1/5.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-KM1:2	=Factory+CAB1-X2:1				=Factory+CAB1/5.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-KM1:1	=Factory+CAB1-Q2:2				=Factory+CAB1/5.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-M1:V1	=Factory+CAB1-X2:2	1,5	BK		=Factory+CAB1/5.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-KM1:2	=Factory+CAB1-X2:2				=Factory+CAB1/5.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-KM1:1	=Factory+CAB1-Q2:4				=Factory+CAB1/5.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-M1:W1	=Factory+CAB1-X2:3	1,5	GY		=Factory+CAB1/5.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-KM1:2	=Factory+CAB1-X2:3	1,5	<u> </u>		=Factory+CAB1/5.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-KM1:1		+					Conductor / wire
		=Factory+CAB1-Q2:6	4-	Chn/E		=Factory+CAB1/5.1	=Factory+CAB1/5.1	
	=Factory+CAB1-M1:PE	=Factory+CAB1-X2:4	1,5	GNYE		=Factory+CAB1/5.1	=Factory+CAB1/5.1	Conductor / wire
	=Factory+CAB1-M2:U1	=Factory+CAB1-X2:5	1,5	BN		=Factory+CAB1/5.3	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-KM2:2	=Factory+CAB1-X2:5				=Factory+CAB1/5.3	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-KM2:1	=Factory+CAB1-Q3:2				=Factory+CAB1/5.3	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-M2:V1	=Factory+CAB1-X2:6	1,5	BK		=Factory+CAB1/5.3	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-KM2:2	=Factory+CAB1-X2:6				=Factory+CAB1/5.3	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-KM2:1	=Factory+CAB1-Q3:4				=Factory+CAB1/5.3	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-M2:W1	=Factory+CAB1-X2:7	1,5	GY		=Factory+CAB1/5.3	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-KM2:2	=Factory+CAB1-X2:7	-/-	<del></del>		=Factory+CAB1/5.3	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-KM2:1	· ·				=Factory+CAB1/5.3	=Factory+CAB1/5.3	Conductor / wire
	<u> </u>	=Factory+CAB1-Q3:6	1-	Chn/E		-	-	· ·
	=Factory+CAB1-M2:PE	=Factory+CAB1-X2:8	1,5	GNYE		=Factory+CAB1/5.3	=Factory+CAB1/5.3	Conductor / wire
	=Factory+CAB1-M3:U1	=Factory+CAB1-X2:9	1,5	BN		=Factory+CAB1/5.5	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-KM3:2	=Factory+CAB1-X2:9				=Factory+CAB1/5.5	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-KM3:1	=Factory+CAB1-Q4:2				=Factory+CAB1/5.5	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-M3:V1	=Factory+CAB1-X2:10	1,5	BK		=Factory+CAB1/5.5	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-KM3:2	=Factory+CAB1-X2:10				=Factory+CAB1/5.5	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-KM3:1	=Factory+CAB1-Q4:4				=Factory+CAB1/5.5	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-M3:W1	=Factory+CAB1-X2:11	1,5	GY		=Factory+CAB1/5.5	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-KM3:2	=Factory+CAB1-X2:11	1,5			=Factory+CAB1/5.5	=Factory+CAB1/5.5	Conductor / wire
		·	+		1			
	=Factory+CAB1-KM3:1	=Factory+CAB1-Q4:6	1	O10/E	1	=Factory+CAB1/5.5	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-M3:PE	=Factory+CAB1-X2:12	1,5	GNYE		=Factory+CAB1/5.5	=Factory+CAB1/5.5	Conductor / wire
	=Factory+CAB1-M4:U1	=Factory+CAB1-X2:13	1,5	BN		=Factory+CAB1/5.7	=Factory+CAB1/5.7	Conductor / wire
	=Factory+CAB1-KM4:2	=Factory+CAB1-X2:13				=Factory+CAB1/5.7	=Factory+CAB1/5.7	Conductor / wire
	=Factory+CAB1-KM4:1	=Factory+CAB1-Q5:2				=Factory+CAB1/5.7	=Factory+CAB1/5.7	Conductor / wire
	=Factory+CAB1-M4:V1	=Factory+CAB1-X2:14	1,5	BK		=Factory+CAB1/5.7	=Factory+CAB1/5.7	Conductor / wire
	=Factory+CAB1-KM4:2	=Factory+CAB1-X2:14				=Factory+CAB1/5.7	=Factory+CAB1/5.7	Conductor / wire
	=Factory+CAB1-KM4:1	=Factory+CAB1-Q5:4	1			=Factory+CAB1/5.7	=Factory+CAB1/5.7	Conductor / wire
	=Factory+CAB1-M4:W1	=Factory+CAB1-X2:15	1,5	GY		=Factory+CAB1/5.7	=Factory+CAB1/5.7	Conductor / wire
	. 400017 . 6101 1111111	1 deter 7 . Or IDI AZIIJ	1,5		1	1 400017 1 4 101/31/	1 46601 7 1 61 10 1/ 317	Joseph Jane

			Ed.	sayad.hassan					+		
			Appr.		Practice_1			IEC_bas001		Page	19
Modification	Date	Name	Original		Replacement of	Replaced by				Page 15	5 / 19

## Connection list

F27\_001

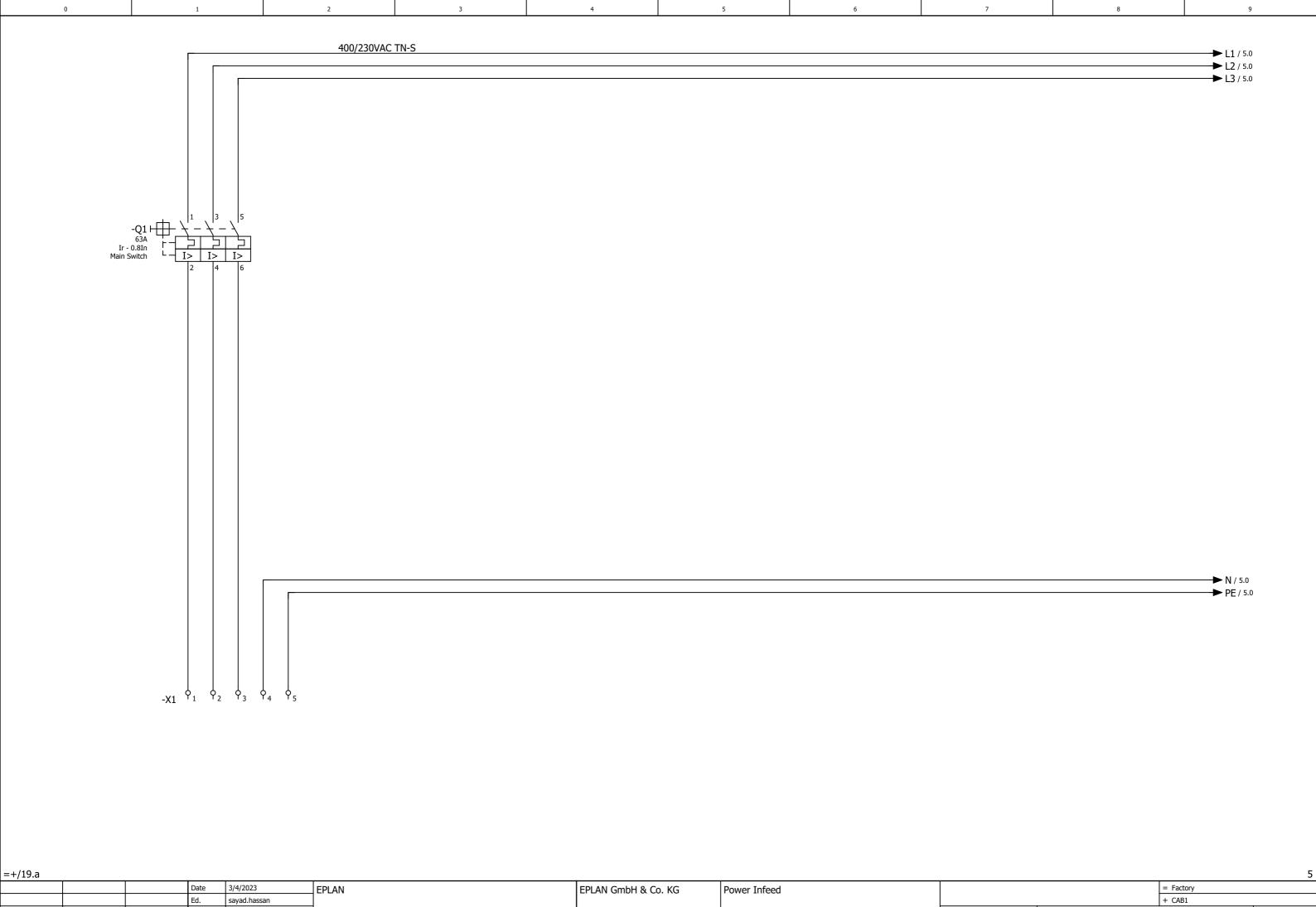
Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=Factory+CAB1-KM4:1	=Factory+CAB1-Q5:6				=Factory+CAB1/5.7	=Factory+CAB1/5.7	Conductor / wire
	=Factory+CAB1-M4:PE	=Factory+CAB1-X2:16	1,5	GNYE		=Factory+CAB1/5.7	=Factory+CAB1/5.7	Conductor / wire
	=Factory+CAB1-M1:U1	=Factory+CAB1-X2:17	1,5	BN		=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-KBM1:2	=Factory+CAB1-X2:17				=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-KBM1:1	=Factory+CAB1-Q2:2				=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-Q2:1	=Factory+CAB1-Q5:1				=Factory+CAB1/6.1	=Factory+CAB1/5.7	Conductor / wire
	=Factory+CAB1-F1:1	=Factory+CAB1-Q2:1				=Factory+CAB1/6.3	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-F1:1	=Factory+CAB1-Q2:1				=Factory+CAB1/6.3	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-M1:V1	=Factory+CAB1-X2:18	1,5	BK		=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-KBM1:2	=Factory+CAB1-X2:18	-72			=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-KBM1:1	=Factory+CAB1-Q2:4				=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-Q2:3	=Factory+CAB1-Q2:3				=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-Q2:3	=Factory+CAB1-Q5:3				=Factory+CAB1/6.1	=Factory+CAB1/5.7	Conductor / wire
			1.5	GY				
	=Factory+CAB1-M1:W1	=Factory+CAB1-X2:19	1,5	Gf		=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-KBM1:2	=Factory+CAB1-X2:19				=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-KBM1:1	=Factory+CAB1-Q2:6				=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-Q2:5	=Factory+CAB1-Q2:5				=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-Q2:5	=Factory+CAB1-Q5:5				=Factory+CAB1/6.1	=Factory+CAB1/5.7	Conductor / wire
	=Factory+CAB1-M1:PE	=Factory+CAB1-X2:20	1,5	GNYE		=Factory+CAB1/6.1	=Factory+CAB1/6.1	Conductor / wire
	=Factory+CAB1-U1-L:1	=Factory+CAB1-X2:21	1,5	BN		=Factory+CAB1/6.3	=Factory+CAB1/6.3	Conductor / wire
	=Factory+CAB1-F1:2	=Factory+CAB1-X2:21				=Factory+CAB1/6.3	=Factory+CAB1/6.3	Conductor / wire
	=Factory+CAB1-U1-N:2	=Factory+CAB1-X2:22	1,5	BU		=Factory+CAB1/6.3	=Factory+CAB1/6.3	Conductor / wire
	=Factory+CAB1-U1-PE:3	=Factory+CAB1-X2:23	1,5	GNYE		=Factory+CAB1/6.3	=Factory+CAB1/6.3	Conductor / wire
							+	
			+				+	
							+	
							1	
			1					
			+				1	
		+	+			+	1	
							+	_
	1						+	

			Ed.	sayad.hassan		
			Appr.		Practice_1	
Modification	Date	Name	Original		Replacement of	Replaced by

LI LAN GIIIDII A CO.

Connection list .

| EC\_bas001 | Page 19.a | Page 16/19



sayad.hassan

Appr.

Original

Name

Modification

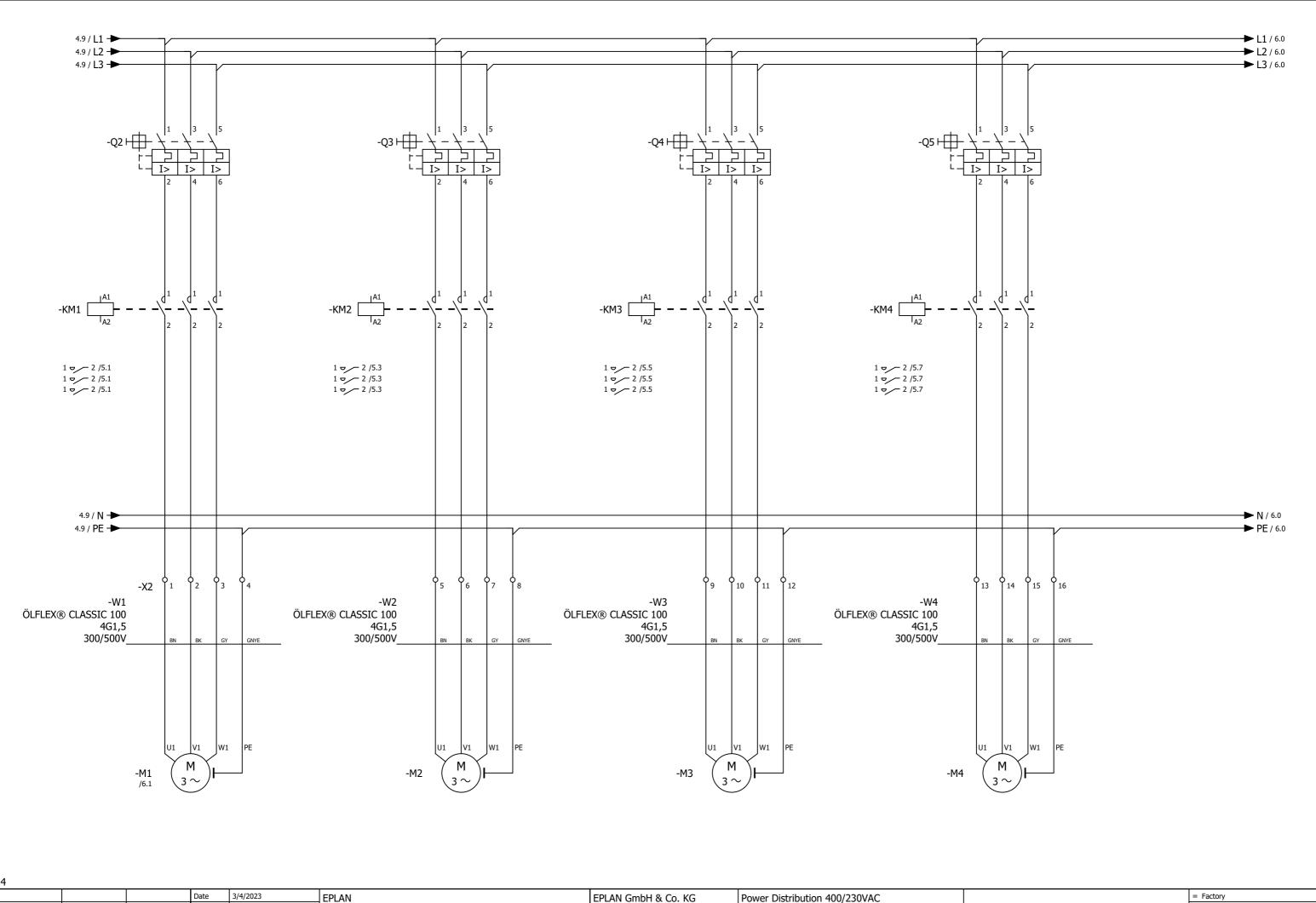
Date

Practice\_1

Replacement of

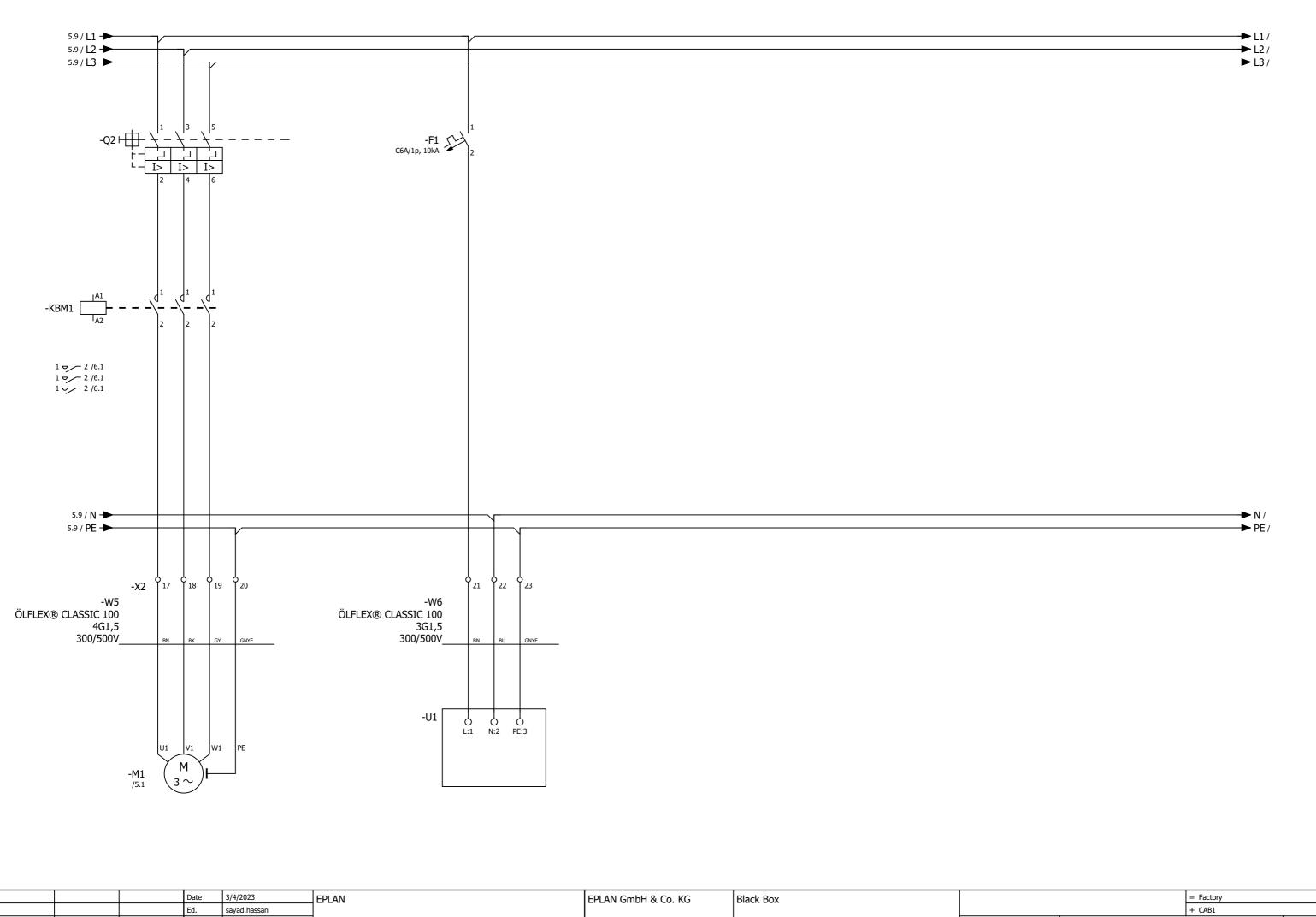
Replaced by

Page 4 Page 17 / 19 IEC\_bas001



sayad.hassan Appr. Practice\_1 Modification Date Original Replacement of Replaced by

+ CAB1 Page 5 Page 18 / 19 IEC\_bas001



Practice\_1

Replacement of

Replaced by

Appr.

Original

Modification

Date

IEC\_bas001

Page 6 Page 19 / 19