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Revision	Date	Description	Designed	Checked	Approved
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Doc No: ---		Contract No: ---		Order No: ---	
Panel: MAIN DB & KNX PANEL				Panel serial number: ---	
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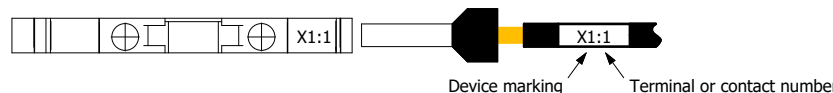
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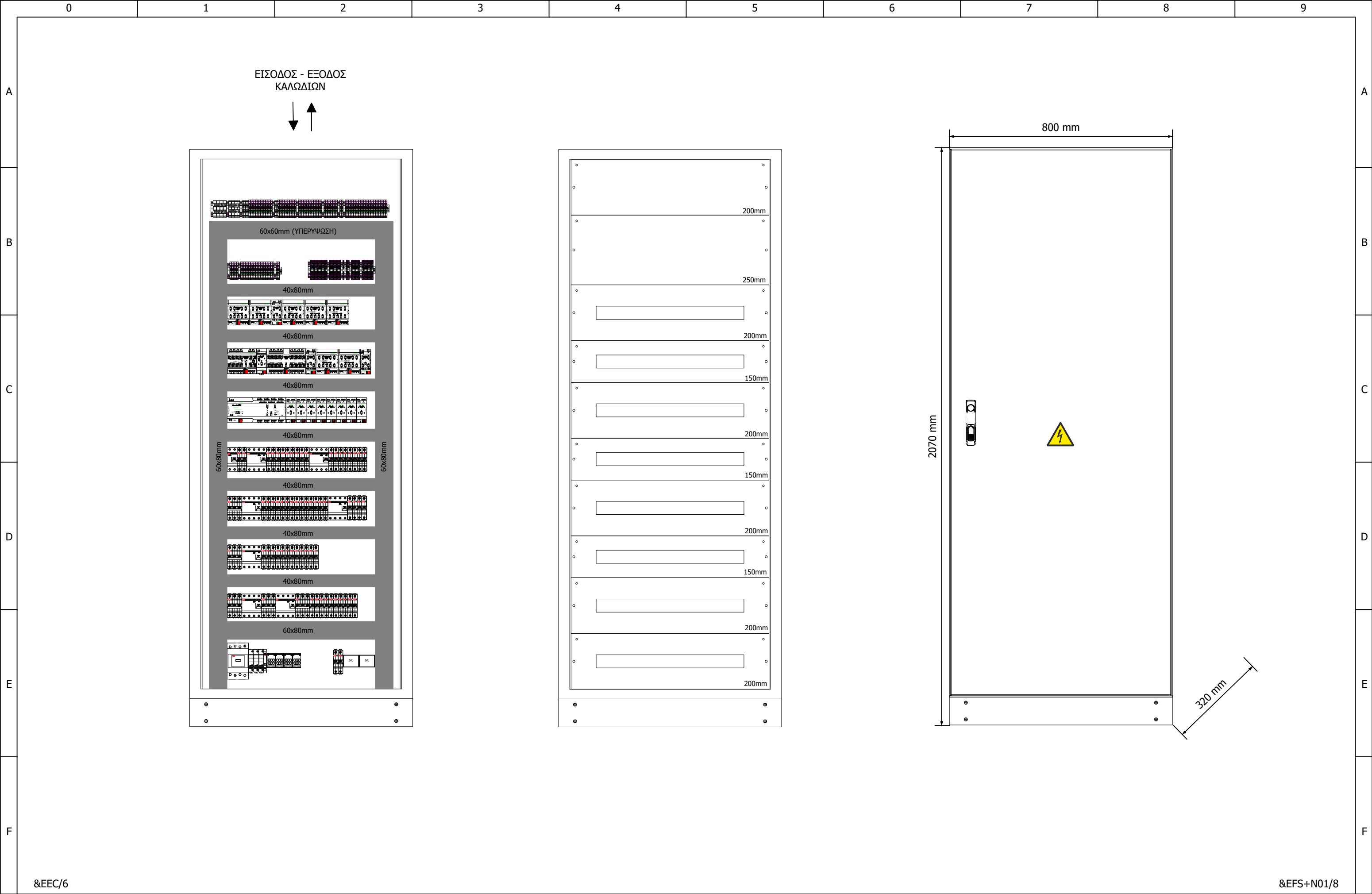
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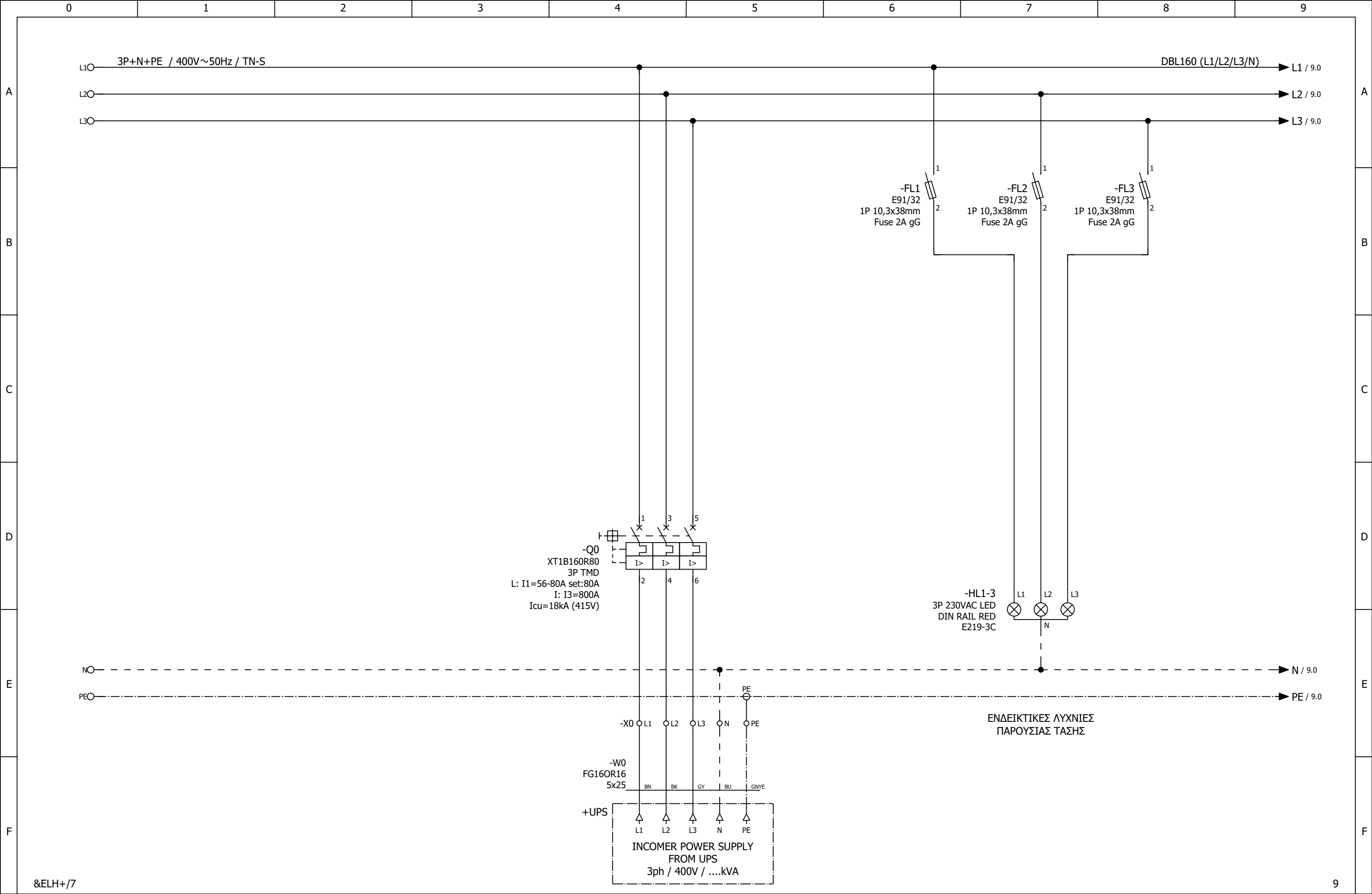
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A	Electrical characteristics <table><tr><td>Rated voltage (Un)</td><td>400 V</td></tr><tr><td>Rated operational voltage (Ue)</td><td>400 V</td></tr><tr><td>Rated insulation voltage (Ui)</td><td>440 V</td></tr><tr><td>Rated impulse withstand voltage (Uimp)</td><td>4 kV</td></tr><tr><td>Rated current of the assembly (InA)</td><td>63 A</td></tr><tr><td>Rated current of a circuit (InC)</td><td>63 A</td></tr><tr><td>Rated short-time withstand current (Icw)</td><td>6 kA / 1s</td></tr><tr><td>Rated conditional short-circuit current (Icc)</td><td>6 kA</td></tr><tr><td>Rated peak withstand current (Ipk)</td><td>10,2 kA</td></tr><tr><td>Rated diversity factor (RDF)</td><td>1</td></tr><tr><td>Rated frequency</td><td>50 Hz</td></tr><tr><td>Network configuration</td><td>TN-S</td></tr><tr><td>Control voltage AC</td><td>230VAC</td></tr><tr><td>Control voltage DC</td><td>29VDC</td></tr></table>																			Rated voltage (Un)	400 V	Rated operational voltage (Ue)	400 V	Rated insulation voltage (Ui)	440 V	Rated impulse withstand voltage (Uimp)	4 kV	Rated current of the assembly (InA)	63 A	Rated current of a circuit (InC)	63 A	Rated short-time withstand current (Icw)	6 kA / 1s	Rated conditional short-circuit current (Icc)	6 kA	Rated peak withstand current (Ipk)	10,2 kA	Rated diversity factor (RDF)	1	Rated frequency	50 Hz	Network configuration	TN-S	Control voltage AC	230VAC	Control voltage DC	29VDC	A
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D	Internal wiring - cable types / min. cross section <table><tr><td>Power cables type, CT's</td><td>NSGAFÖU 1,8/3kV, H07V-K / According EFS</td></tr><tr><td>Control cables type</td><td>H05V-K / 1mm2</td></tr><tr><td>Digital signals cables type</td><td>H05V-K / 0.75mm2</td></tr><tr><td>Analogue signals cables type</td><td>Licy / 0.75mm2</td></tr><tr><td>Communications cables type</td><td>Licy / 0.75mm2</td></tr></table>																			Power cables type, CT's	NSGAFÖU 1,8/3kV, H07V-K / According EFS	Control cables type	H05V-K / 1mm2	Digital signals cables type	H05V-K / 0.75mm2	Analogue signals cables type	Licy / 0.75mm2	Communications cables type	Licy / 0.75mm2	D																		
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F	Mechanical characteristics <table><tr><td>Manufacturer</td><td>KY.BA</td></tr><tr><td>Location type</td><td>Indoor</td></tr><tr><td>Installation type</td><td>Floor-standing</td></tr><tr><td>Ambient temperature limits for operation</td><td>---</td></tr><tr><td>Ambient temperature limits for storage</td><td>---</td></tr><tr><td>Degree of protection</td><td>IP 43</td></tr><tr><td>Mechanical shock resistance</td><td>IK 09</td></tr><tr><td>Structure colour</td><td>RAL 7035</td></tr><tr><td>Plinth colour</td><td>RAL 7035</td></tr><tr><td>Seperation form</td><td>Form 1</td></tr><tr><td>Dimmensions (WxHxD)</td><td>800x2.070x320 mm</td></tr><tr><td>Weight</td><td>---</td></tr></table>																			Manufacturer	KY.BA	Location type	Indoor	Installation type	Floor-standing	Ambient temperature limits for operation	---	Ambient temperature limits for storage	---	Degree of protection	IP 43	Mechanical shock resistance	IK 09	Structure colour	RAL 7035	Plinth colour	RAL 7035	Seperation form	Form 1	Dimmensions (WxHxD)	800x2.070x320 mm	Weight	---	F				
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Internal wiring, device & cables marking  <table><tr><td>Devices marking</td><td>Weidmuller THM MT30X 15/6 GE (yellow)</td></tr><tr><td>Power cables marking</td><td>According to the colour coding</td></tr><tr><td>Control cables marking</td><td>N / A</td></tr></table>																			Devices marking	Weidmuller THM MT30X 15/6 GE (yellow)	Power cables marking	According to the colour coding	Control cables marking	N / A																								
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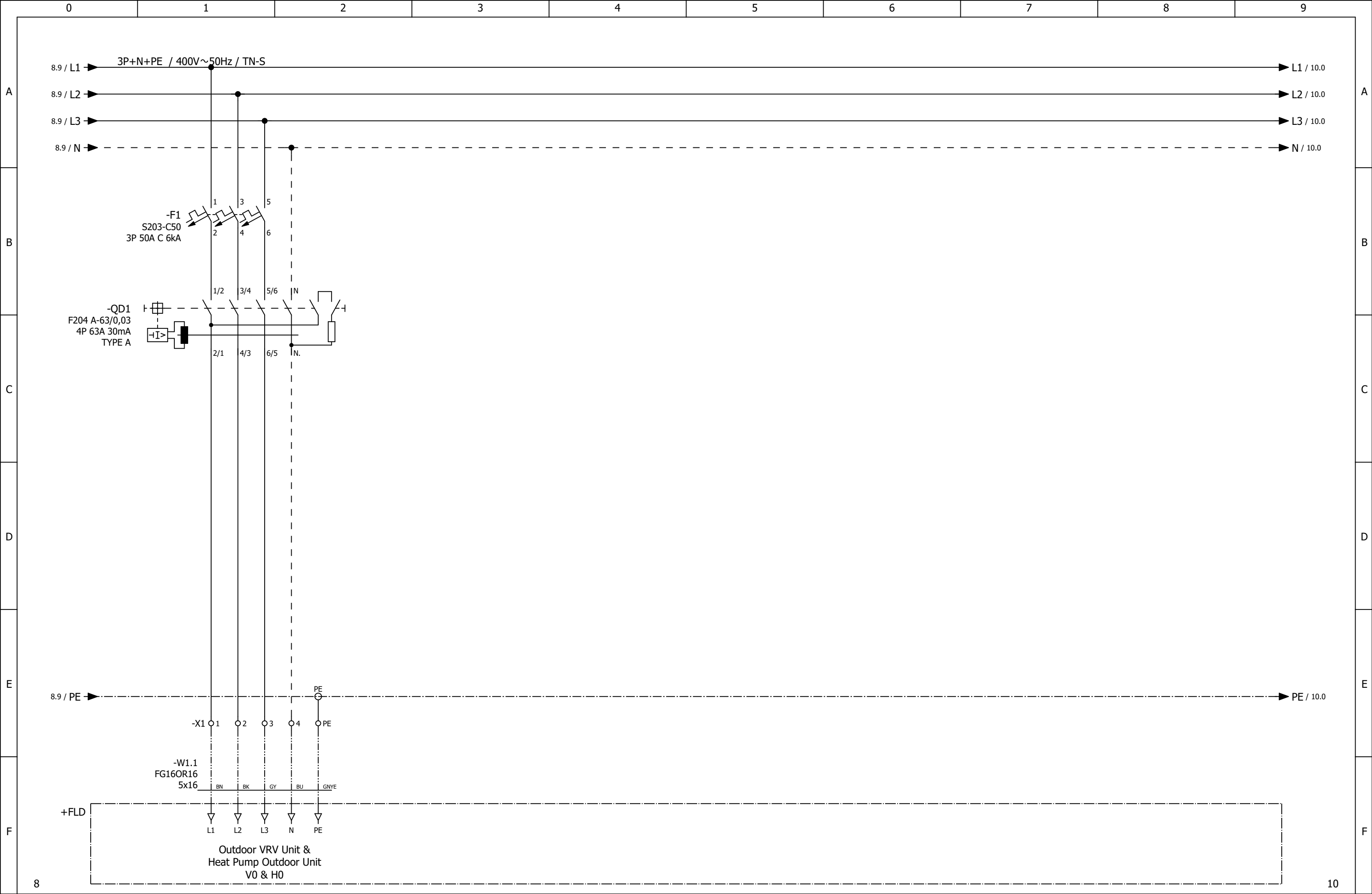


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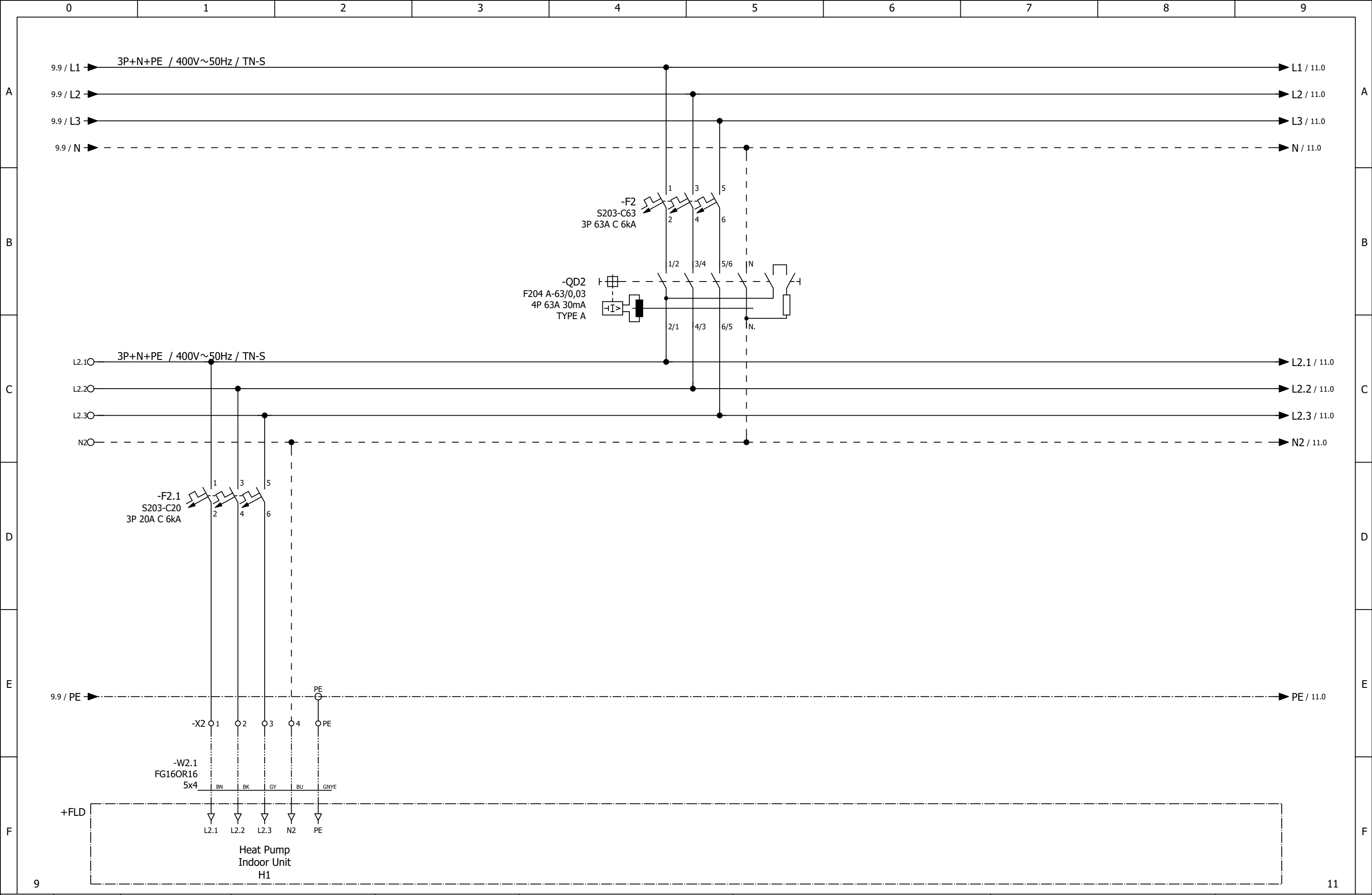
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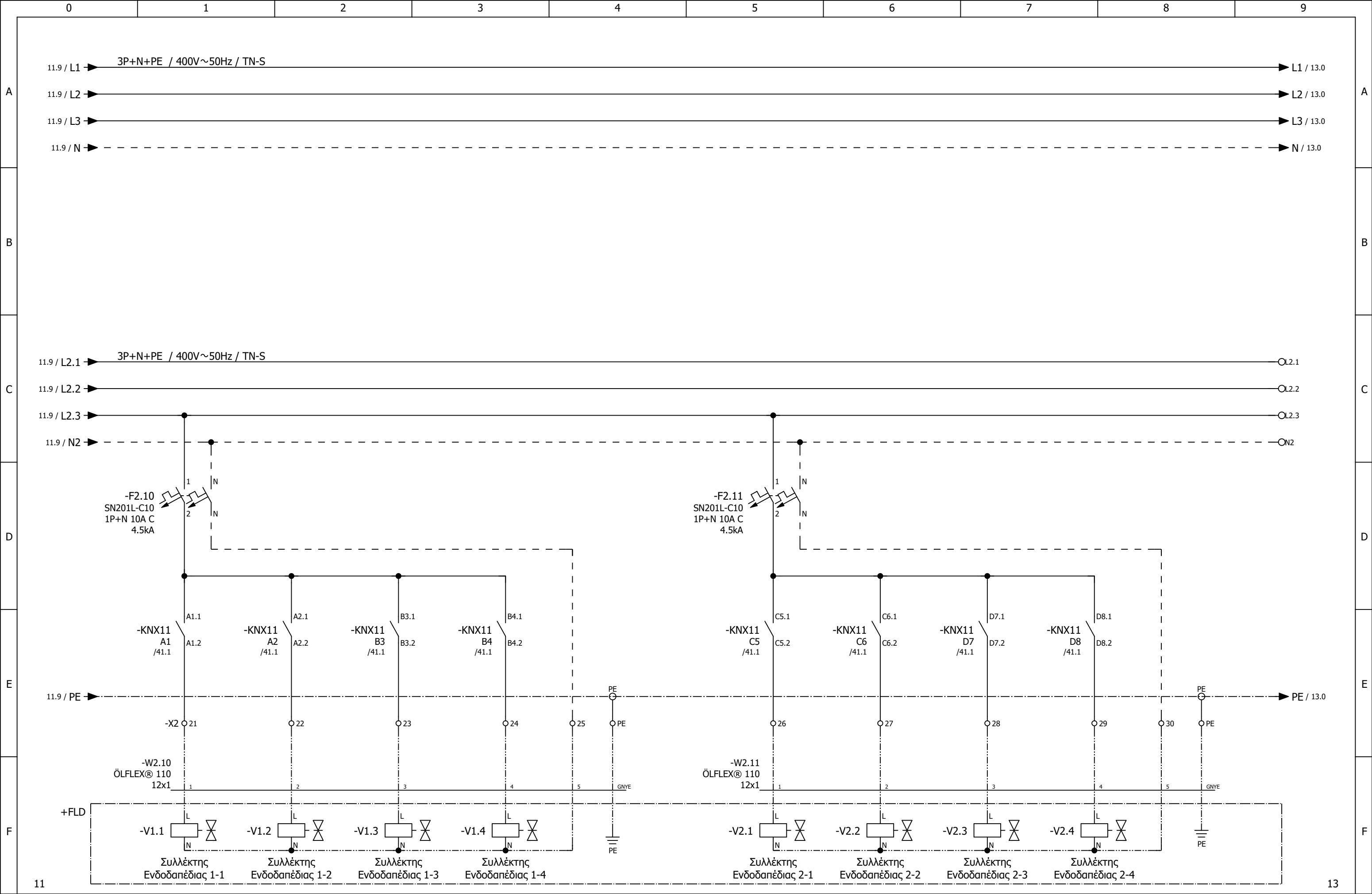
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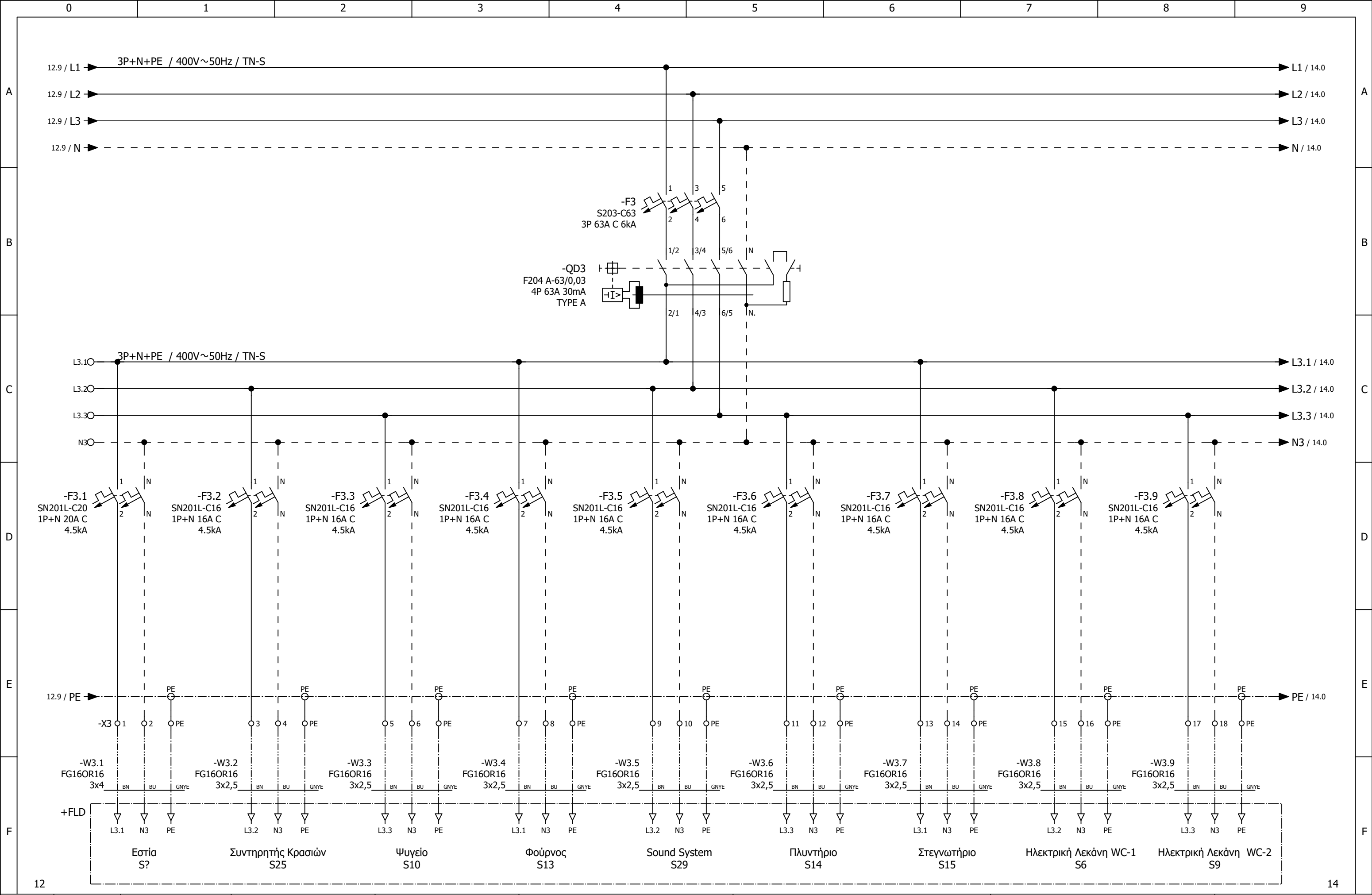
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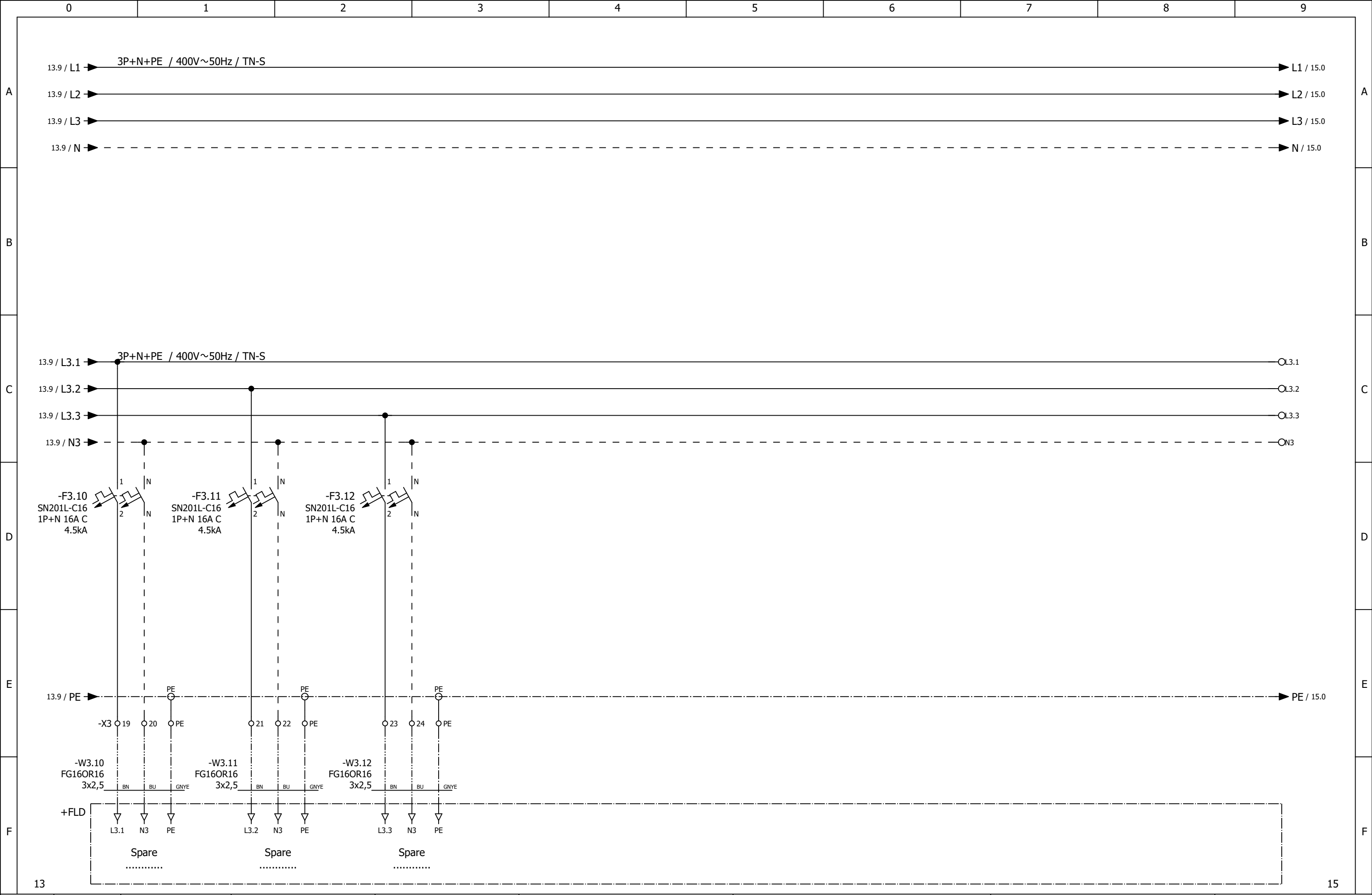
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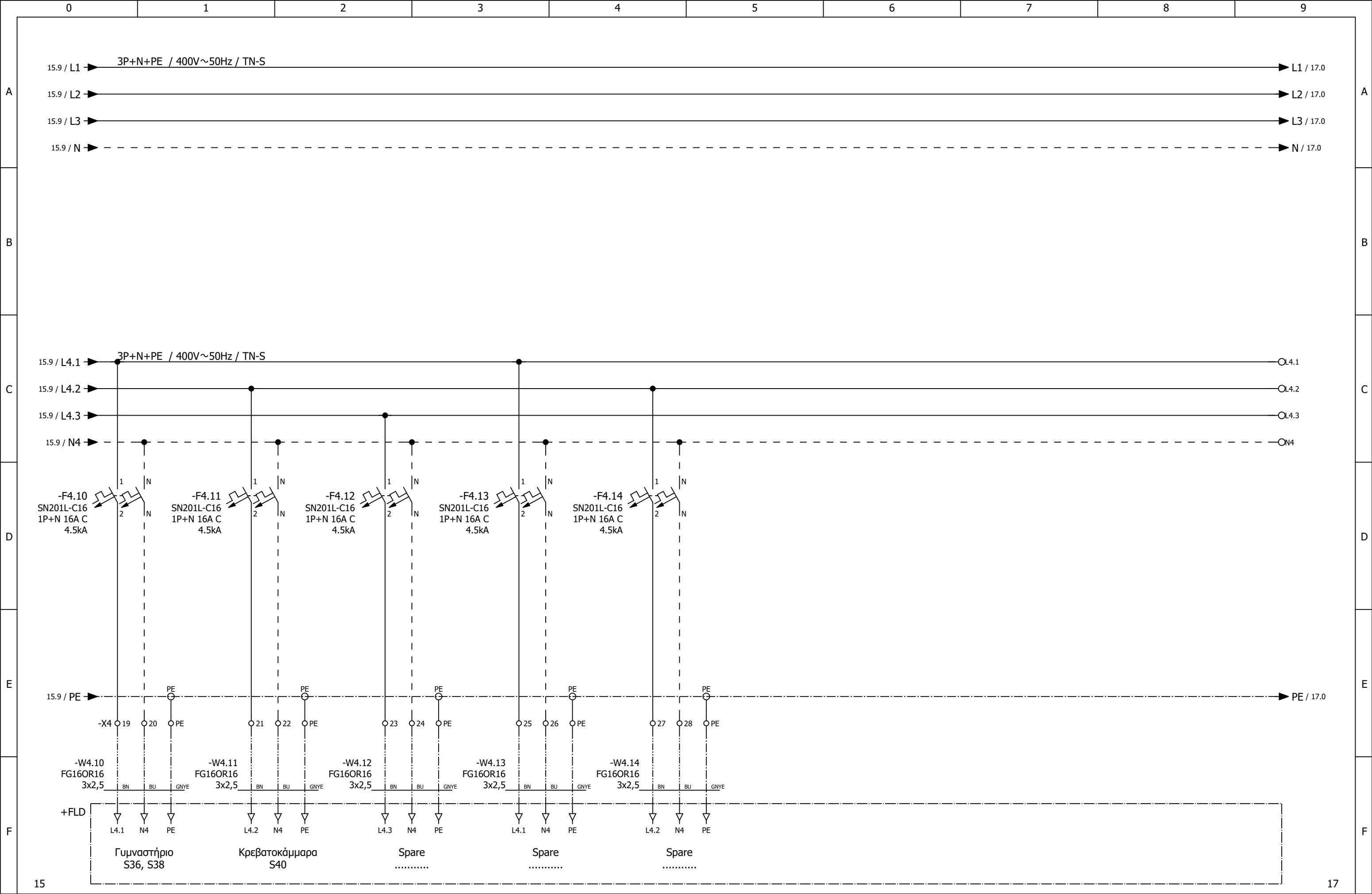
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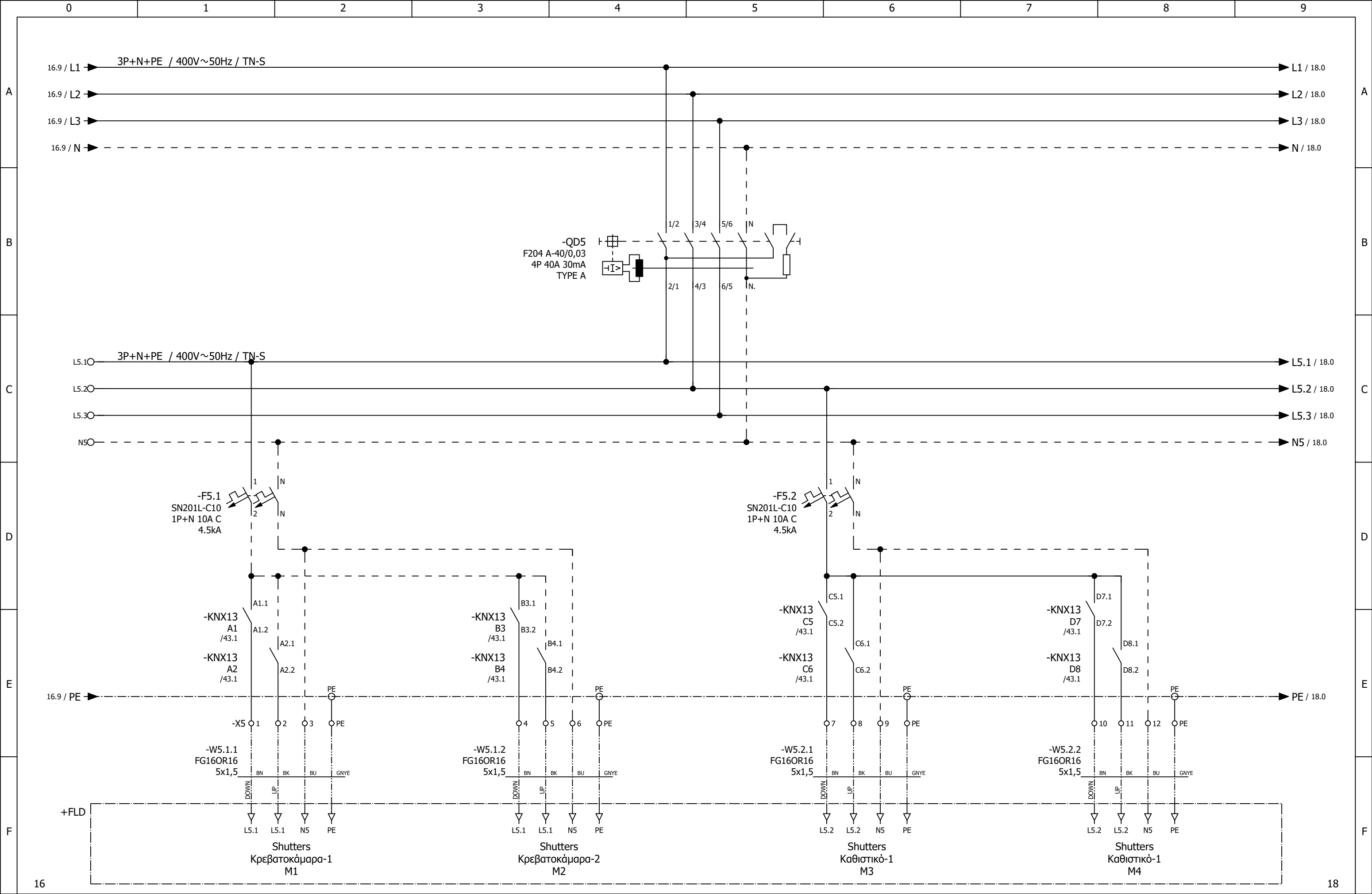
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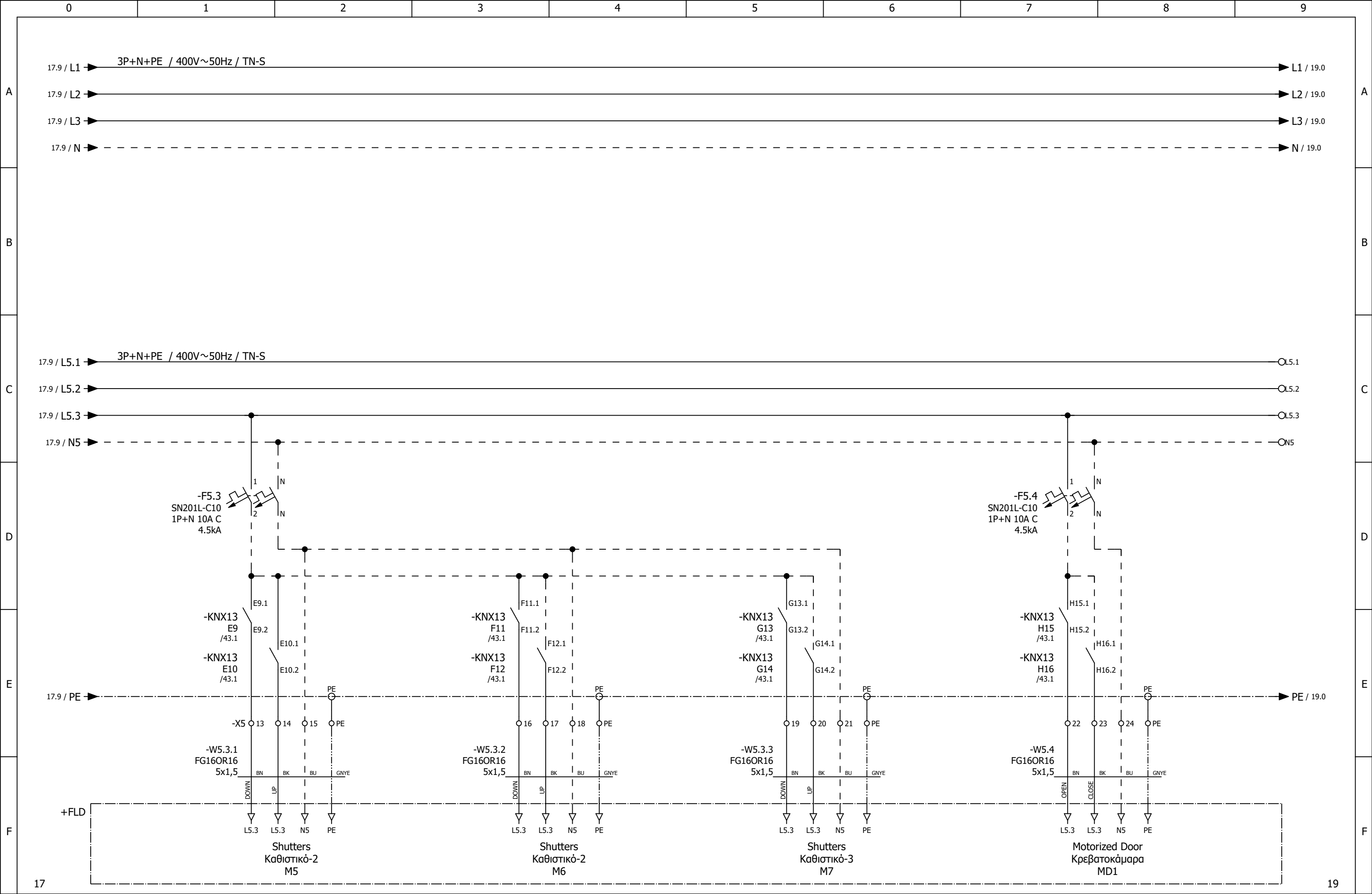


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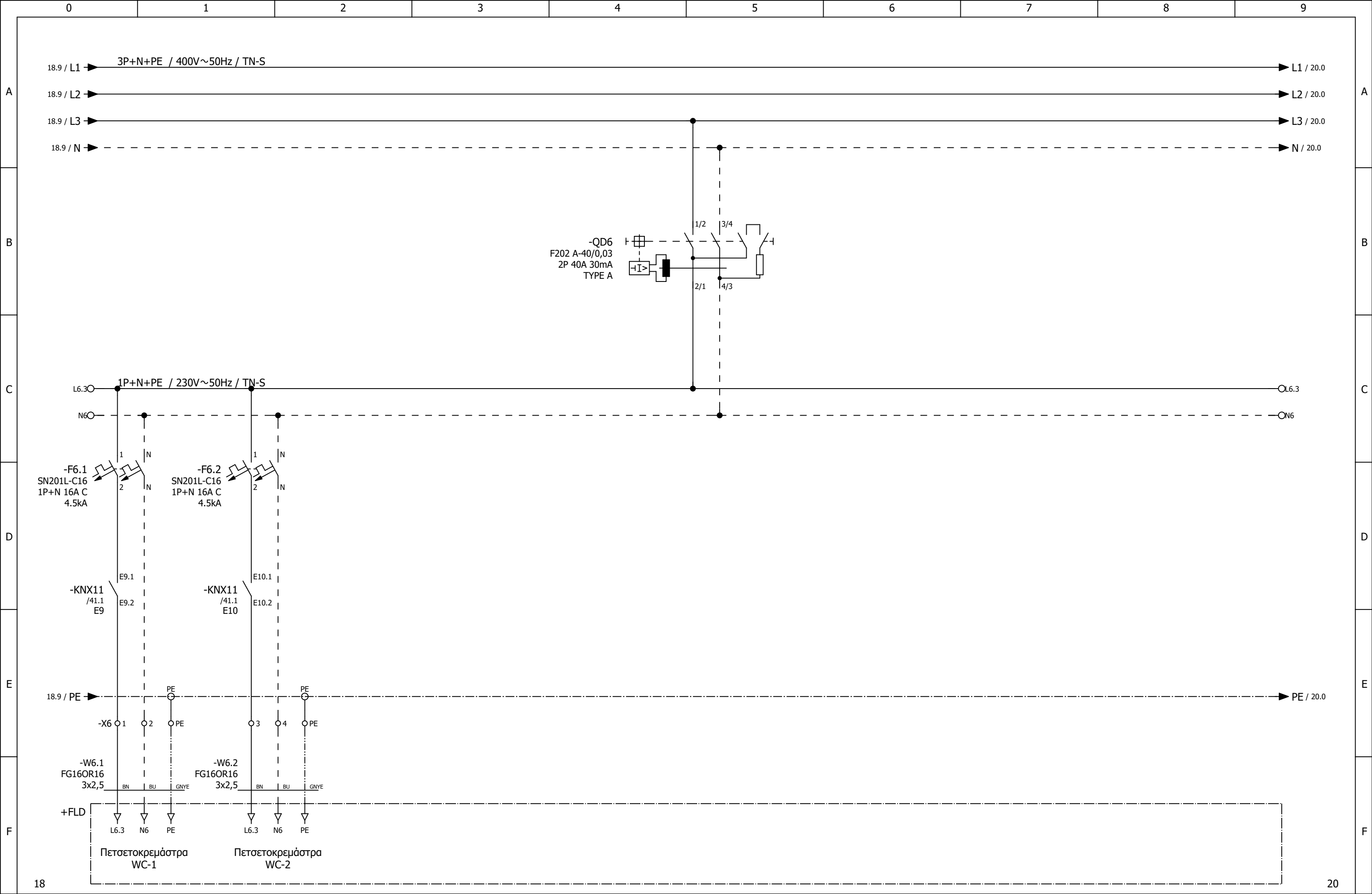


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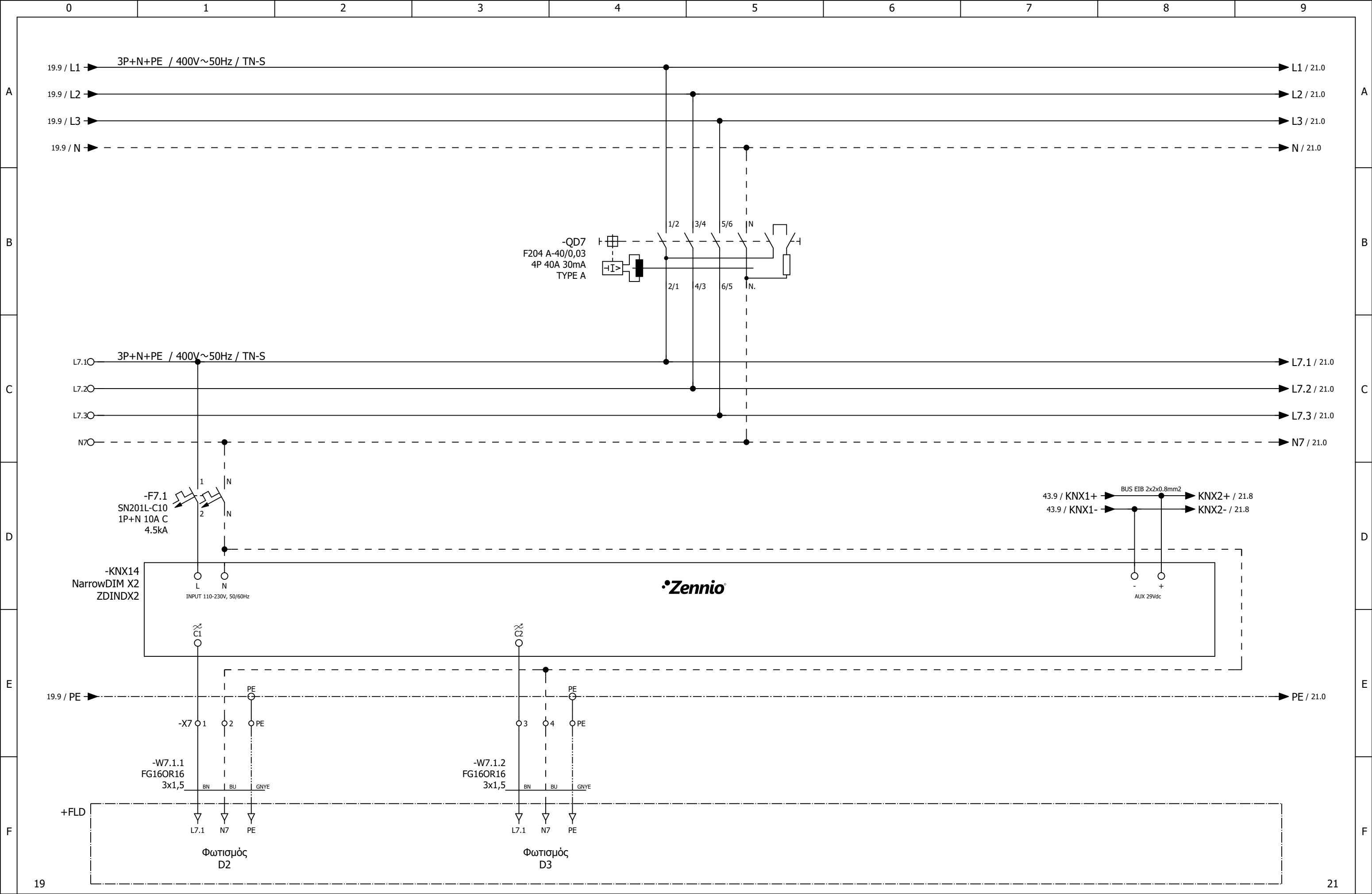
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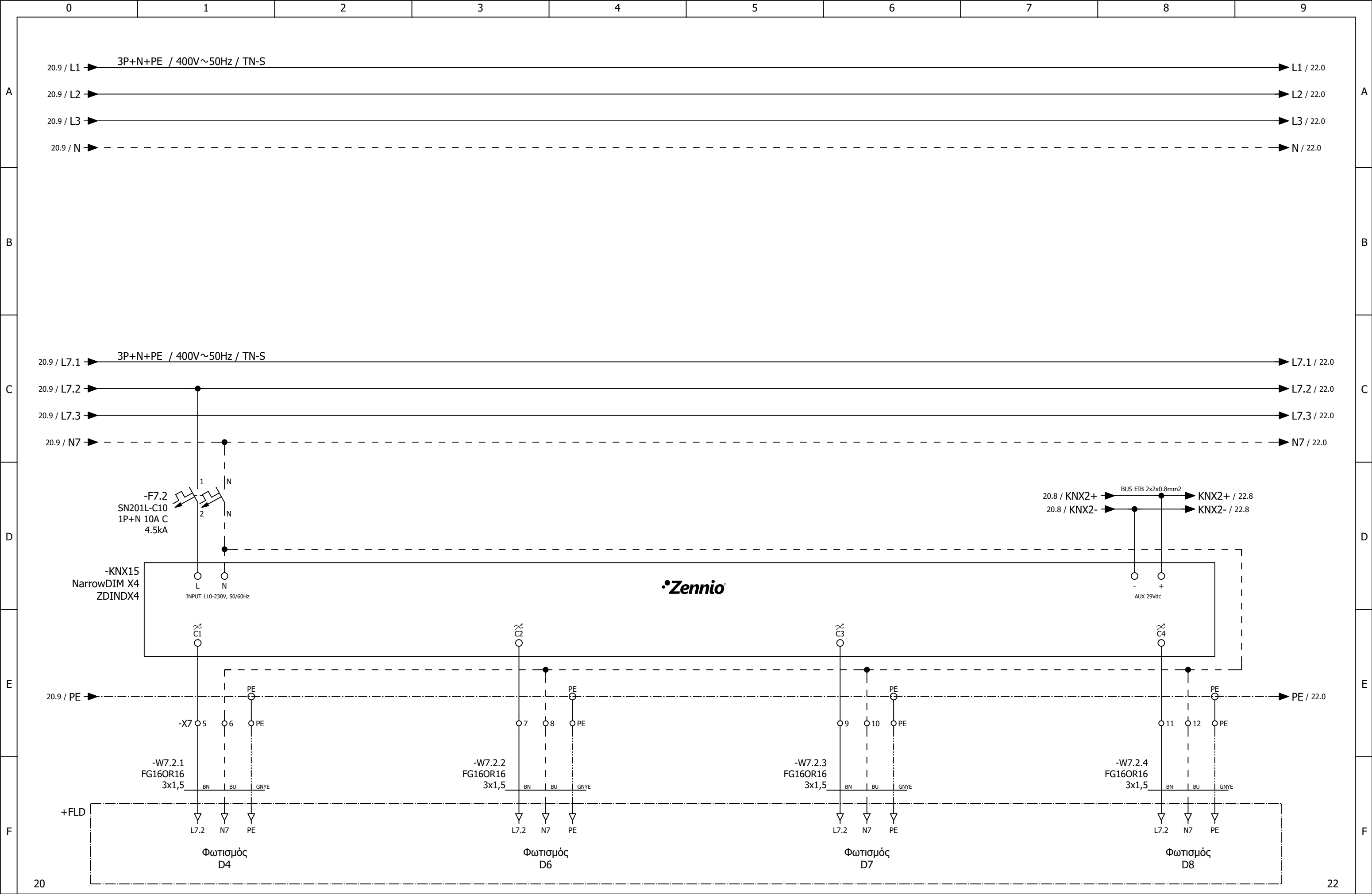
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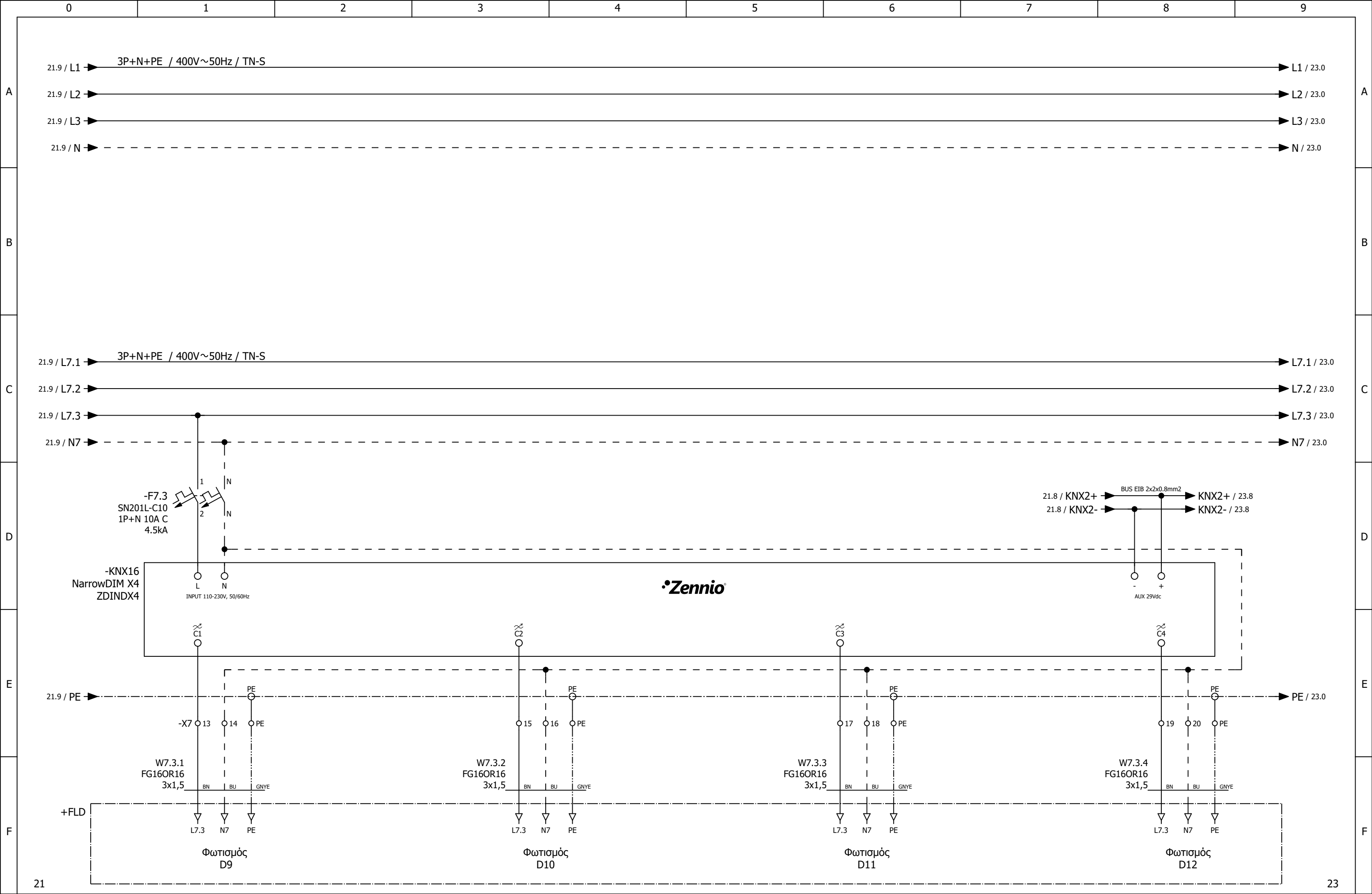
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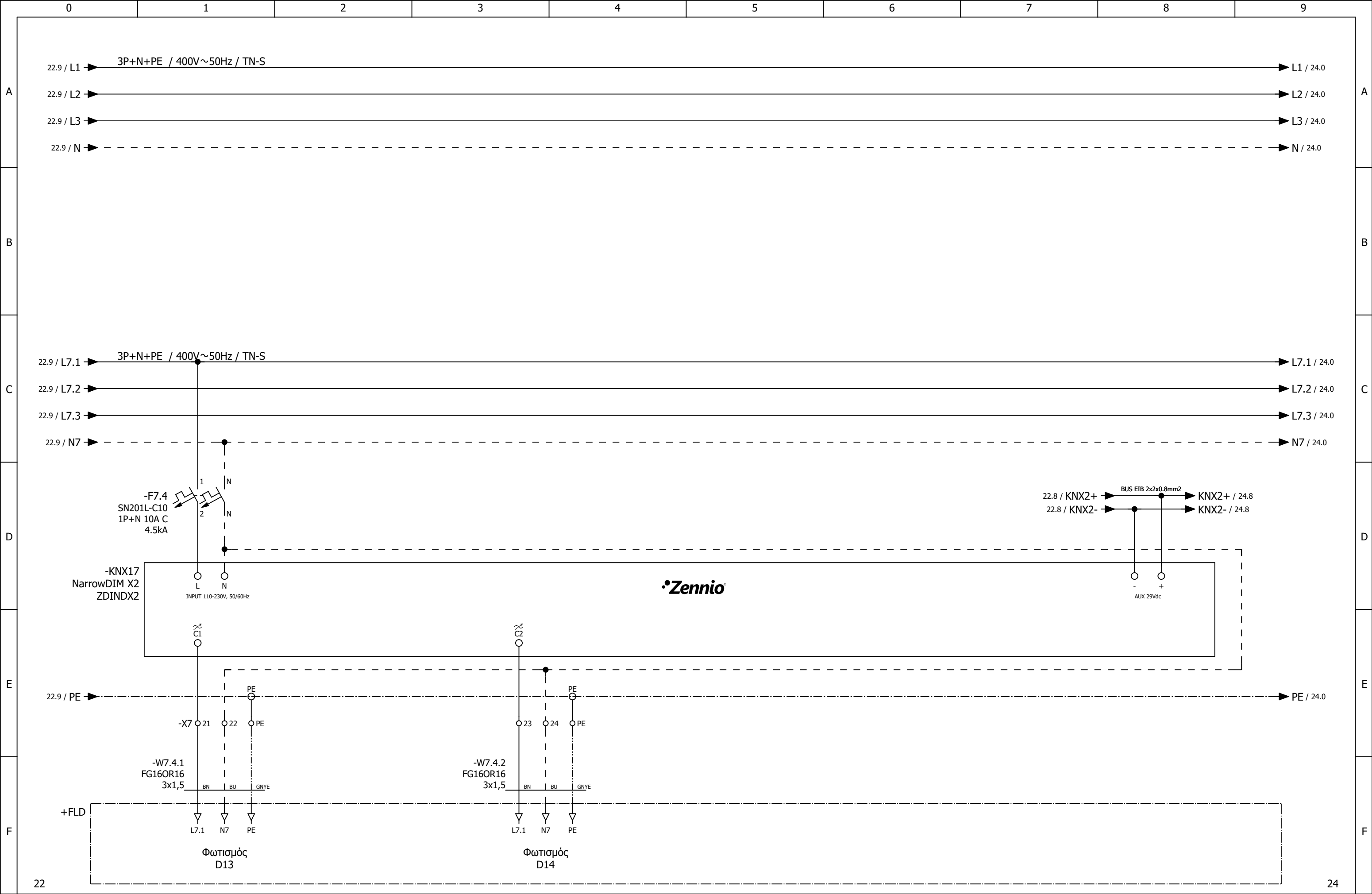
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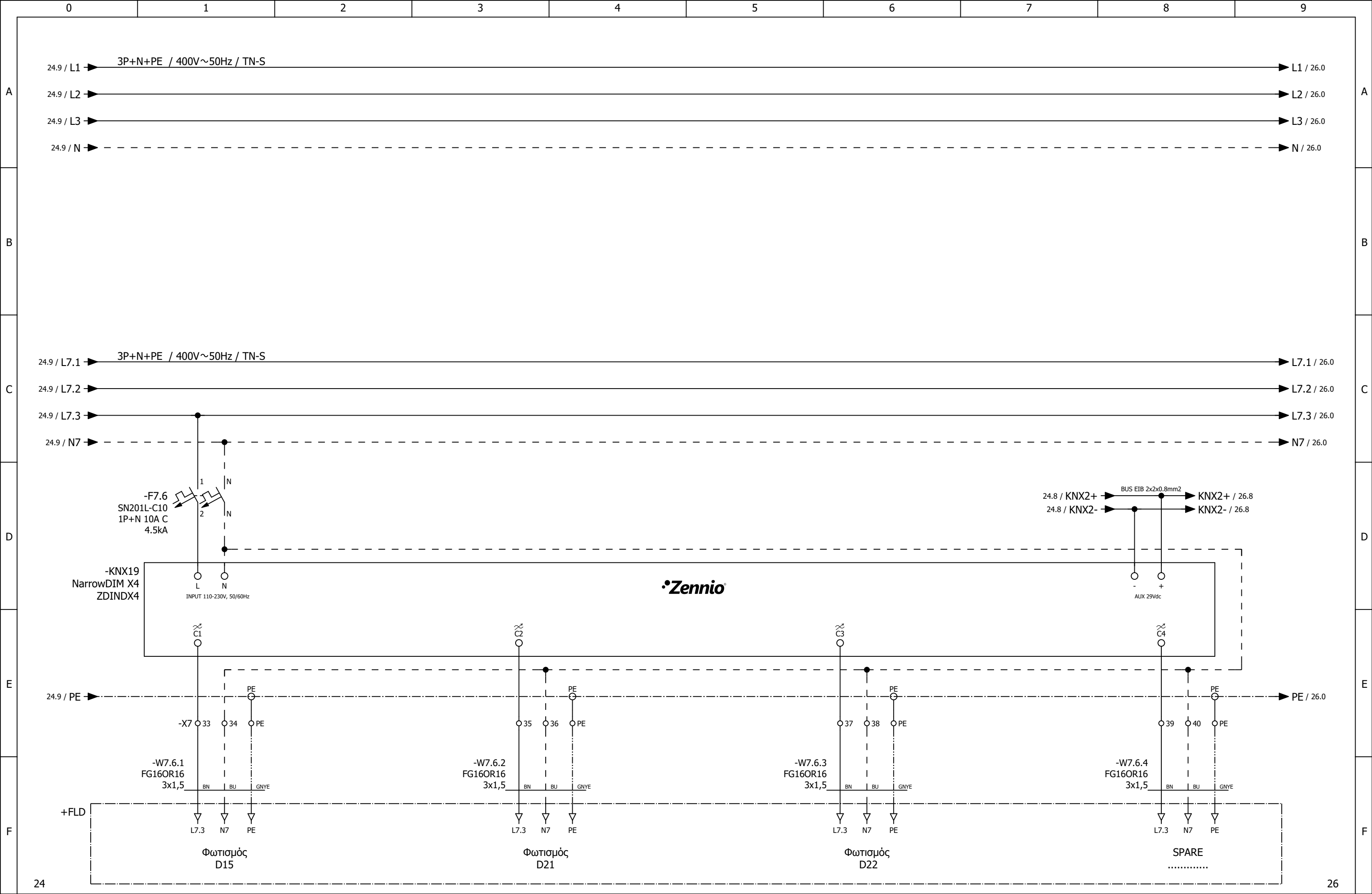
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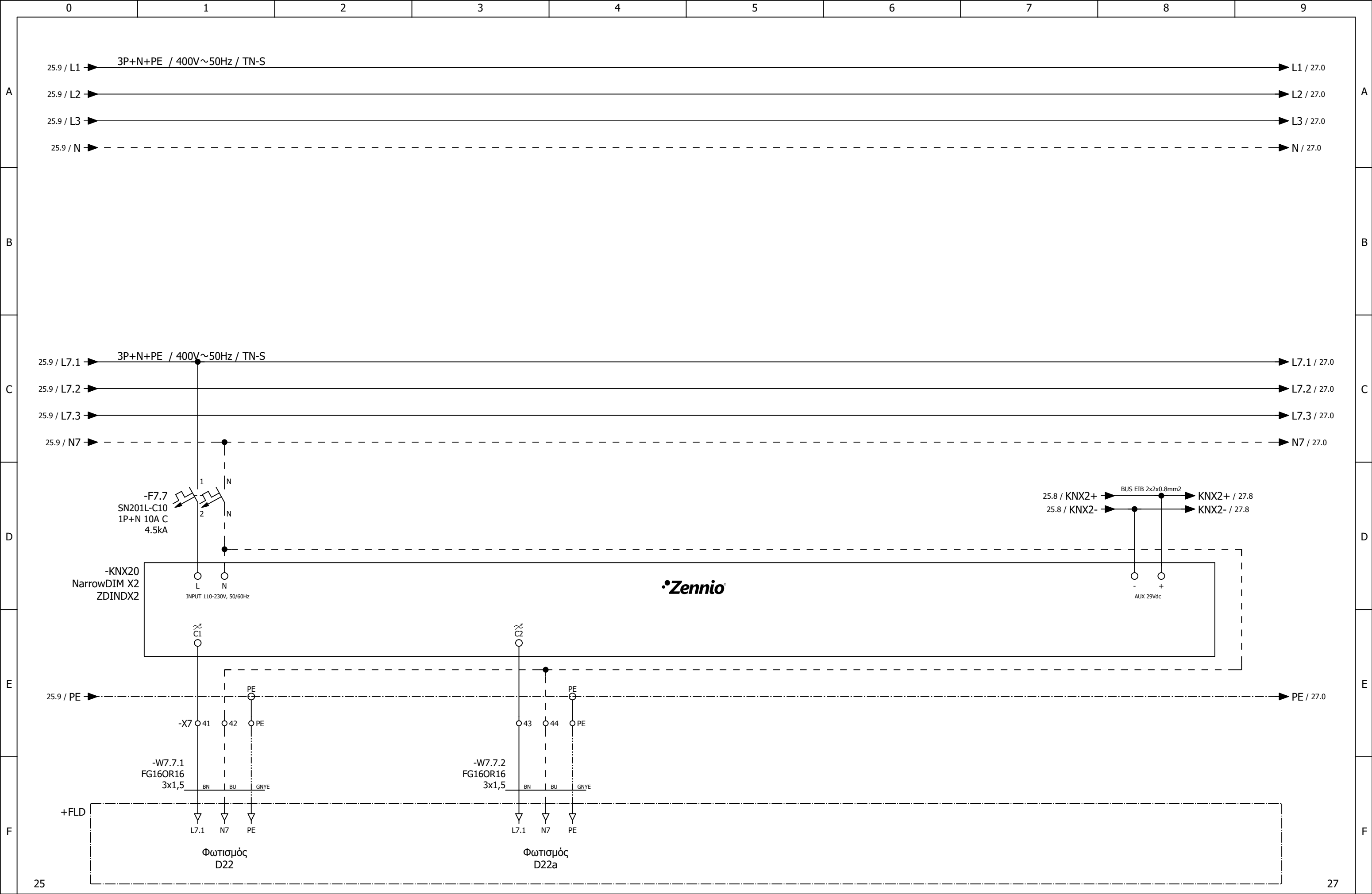
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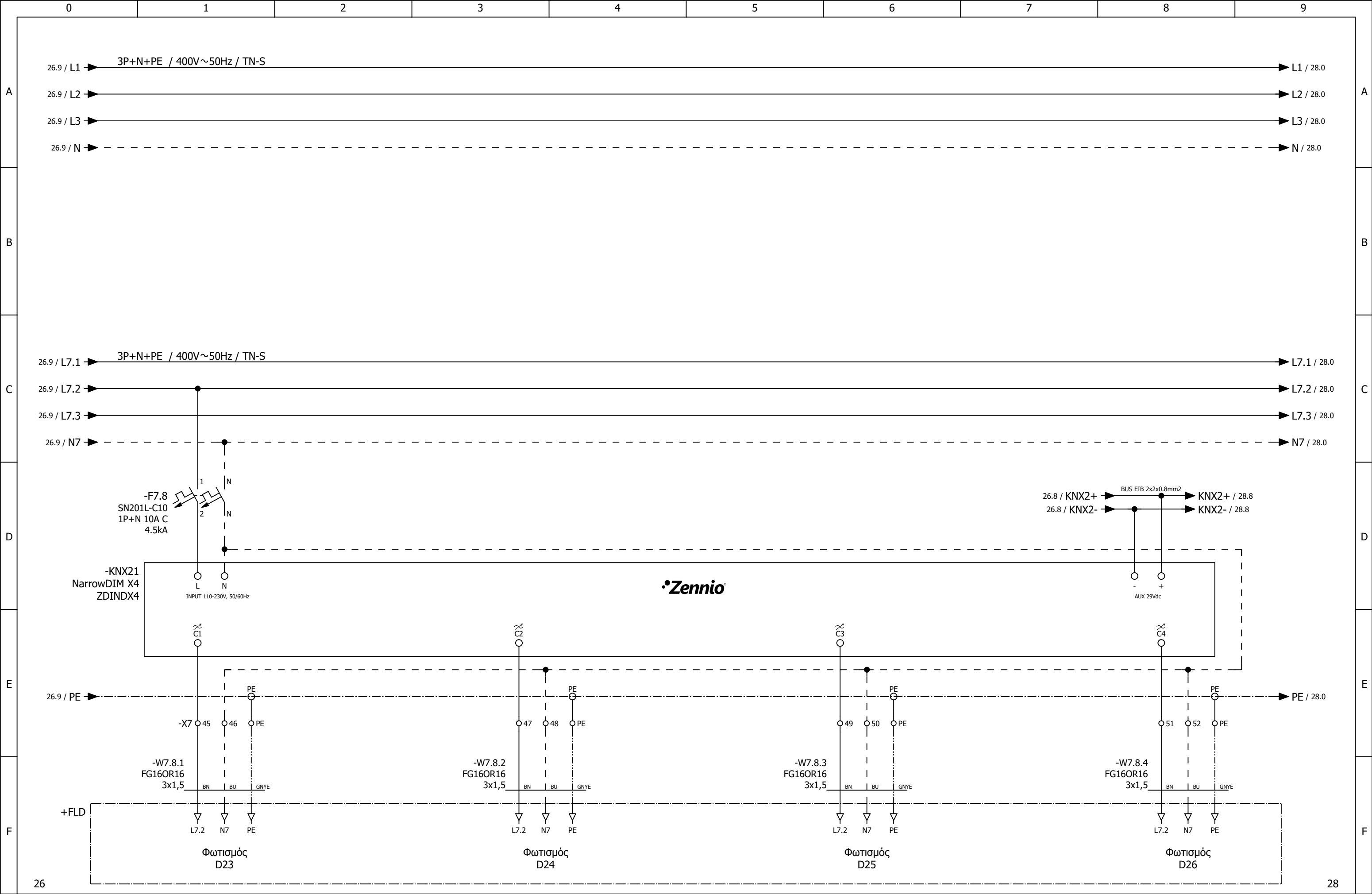
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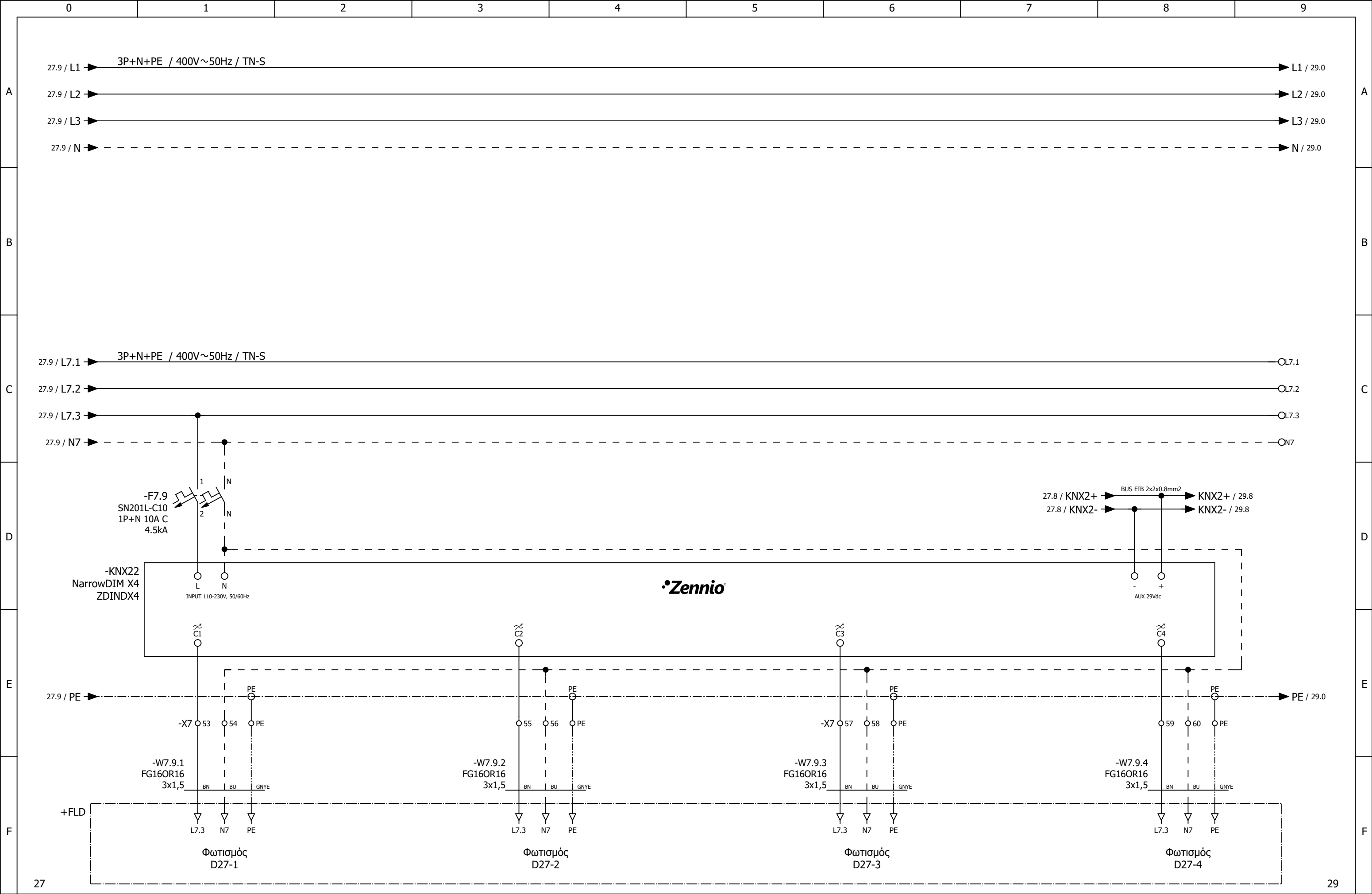
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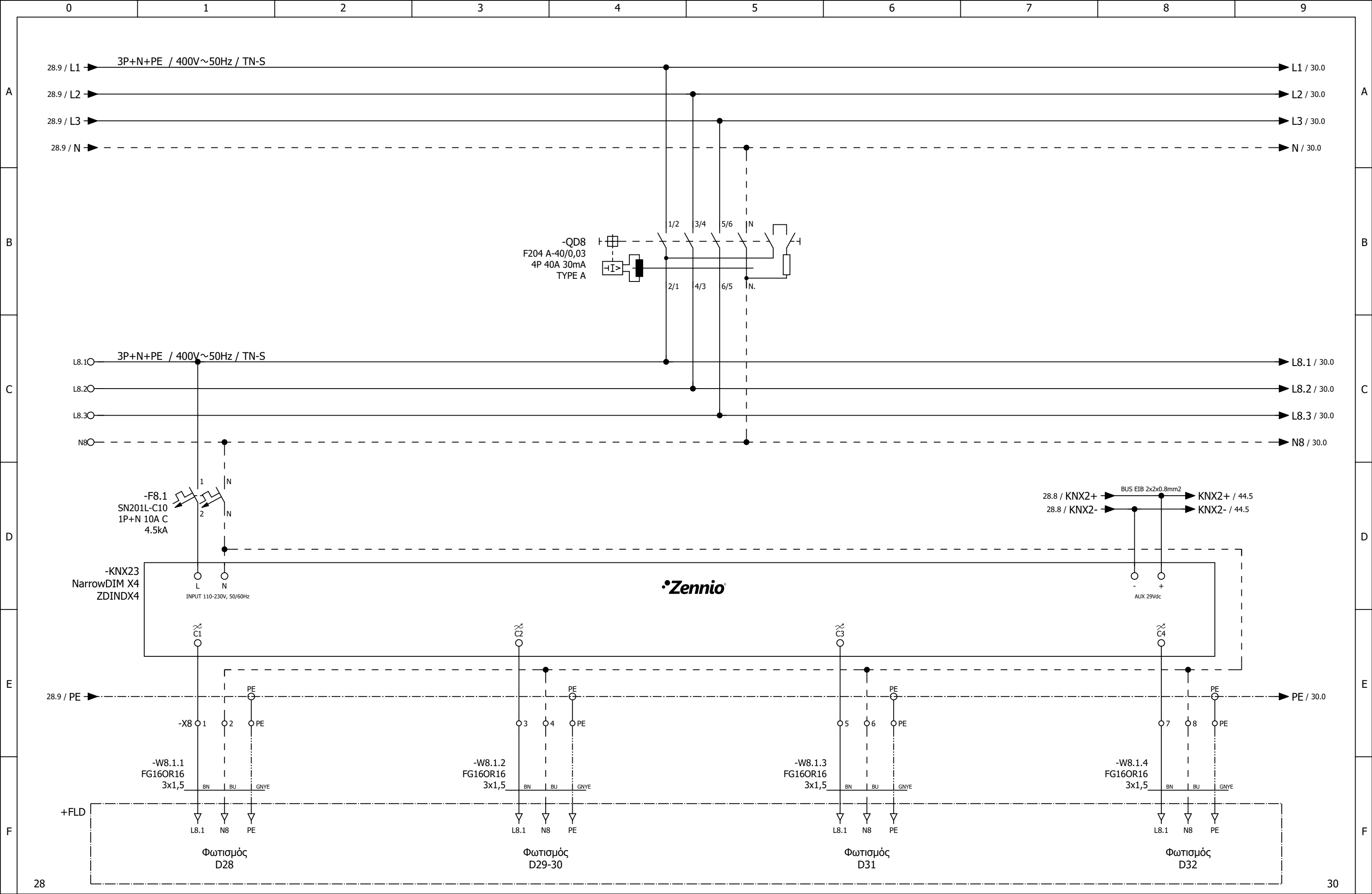
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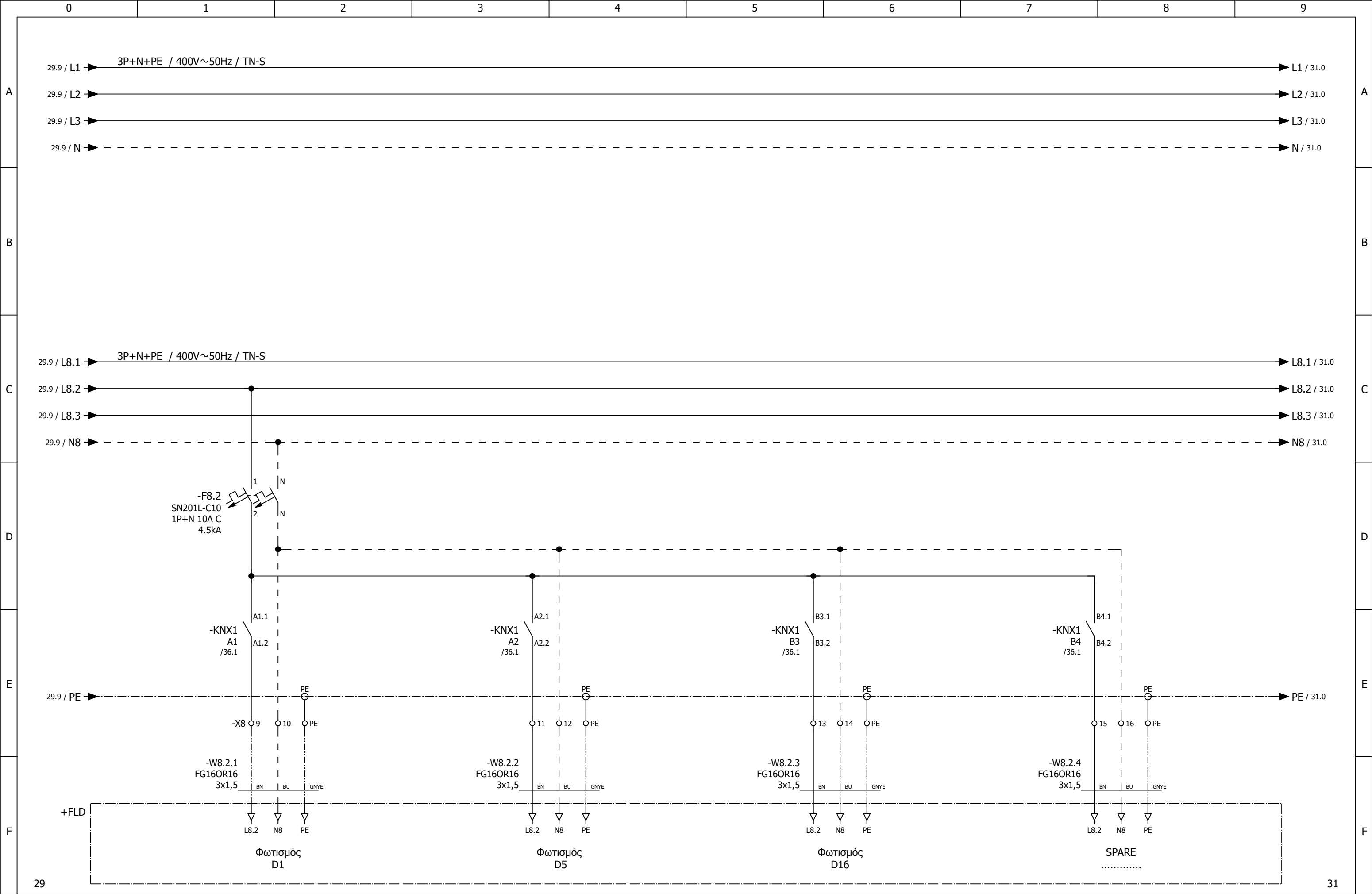
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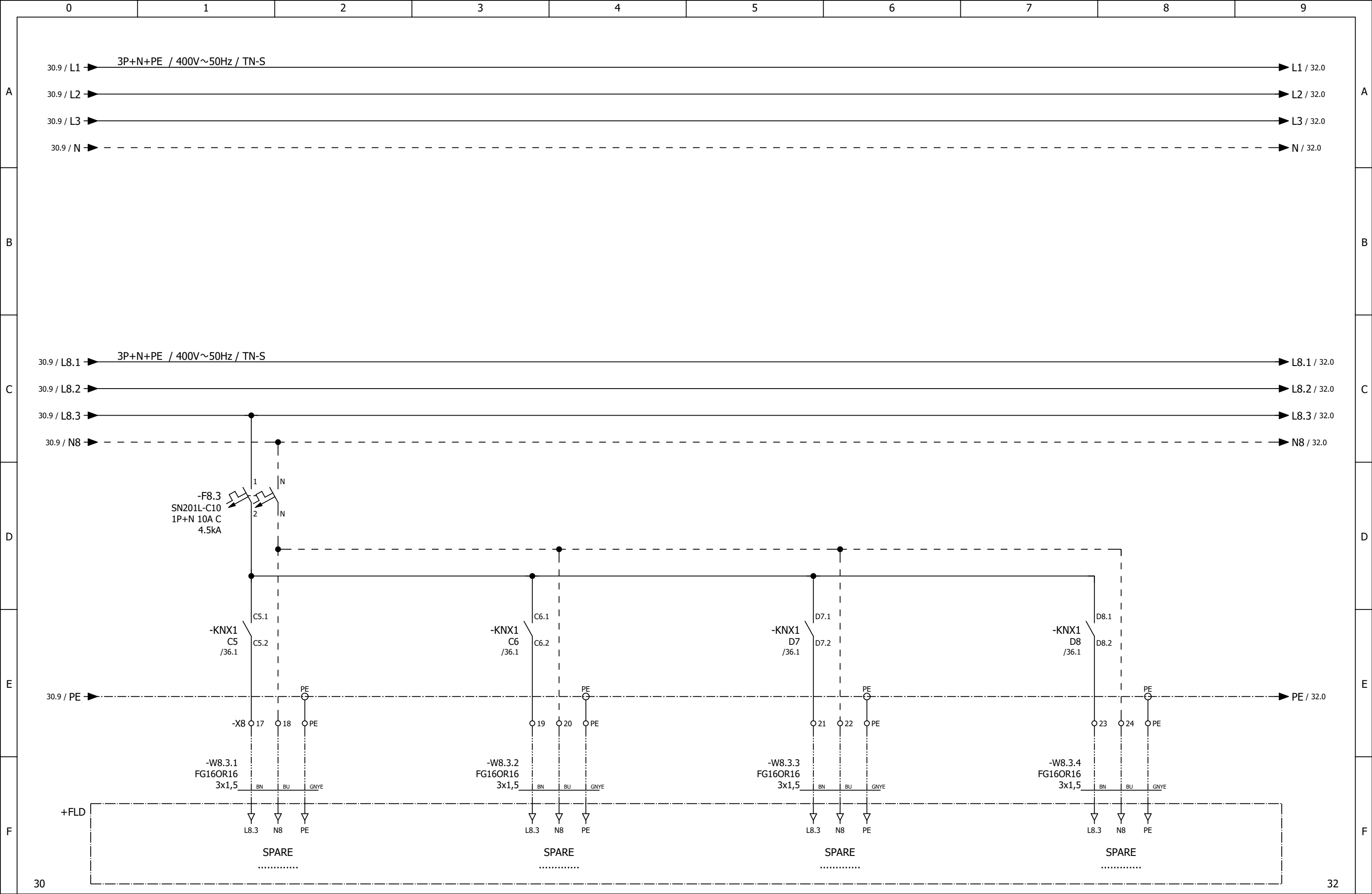
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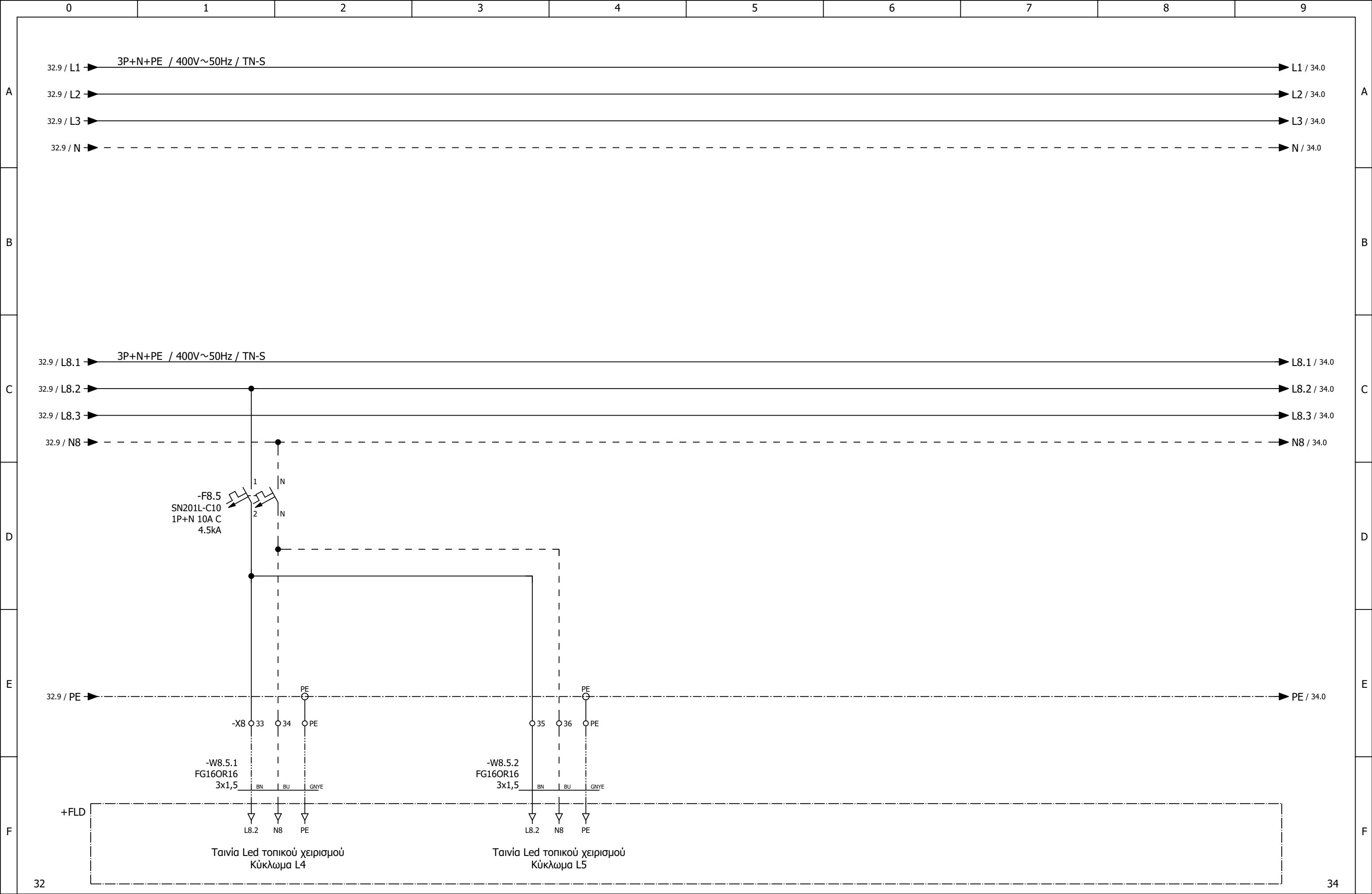
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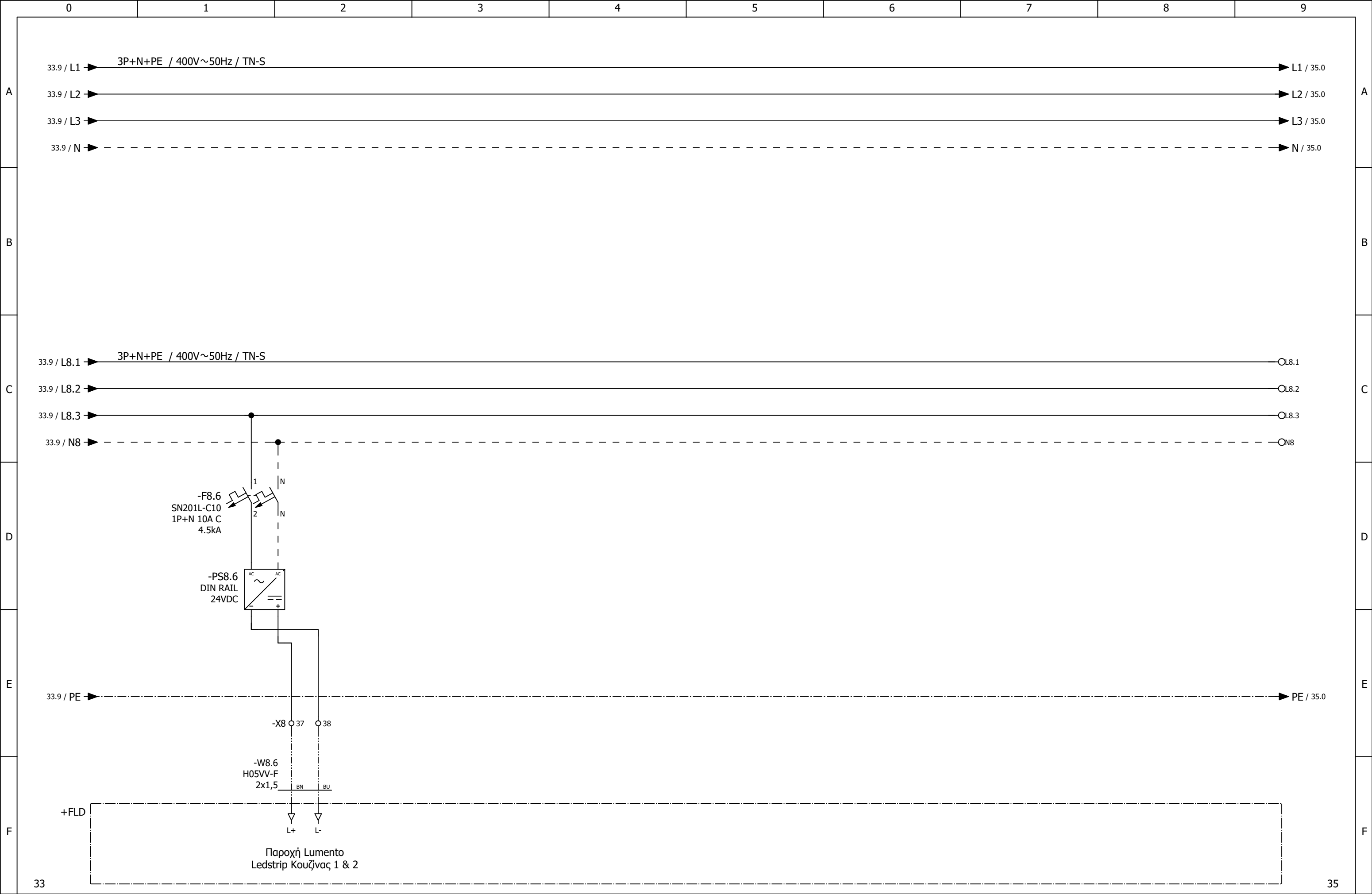
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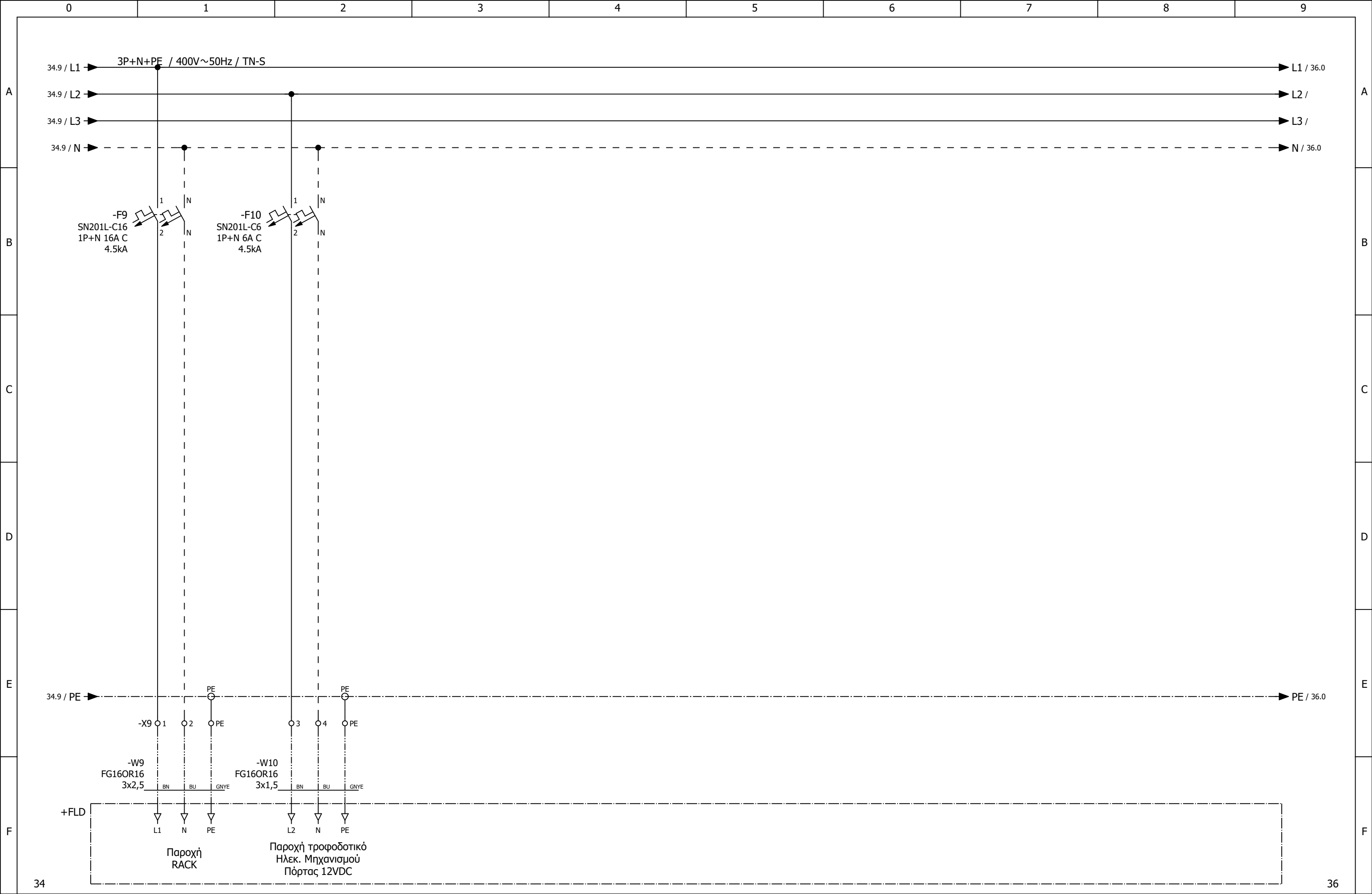
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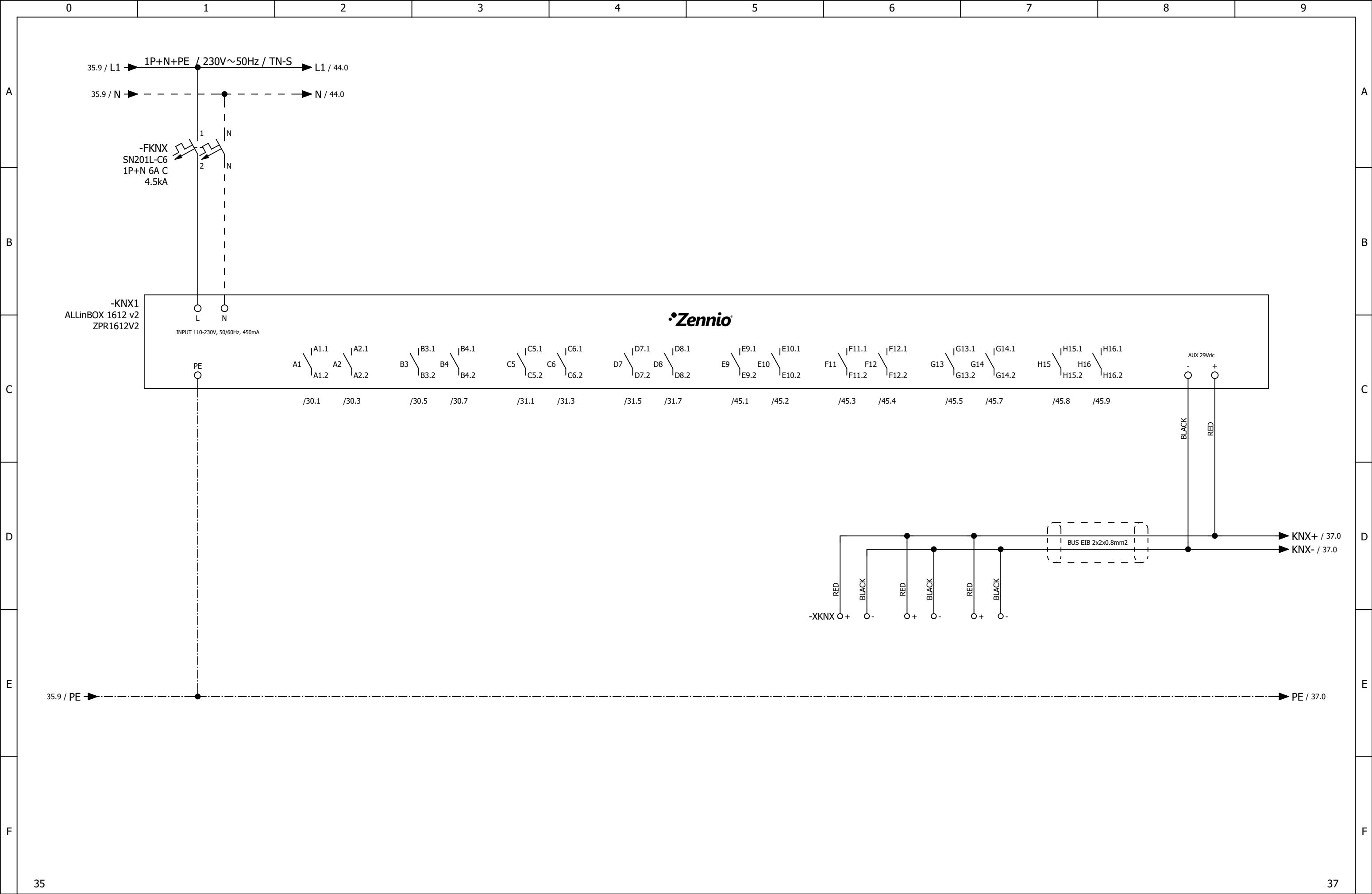
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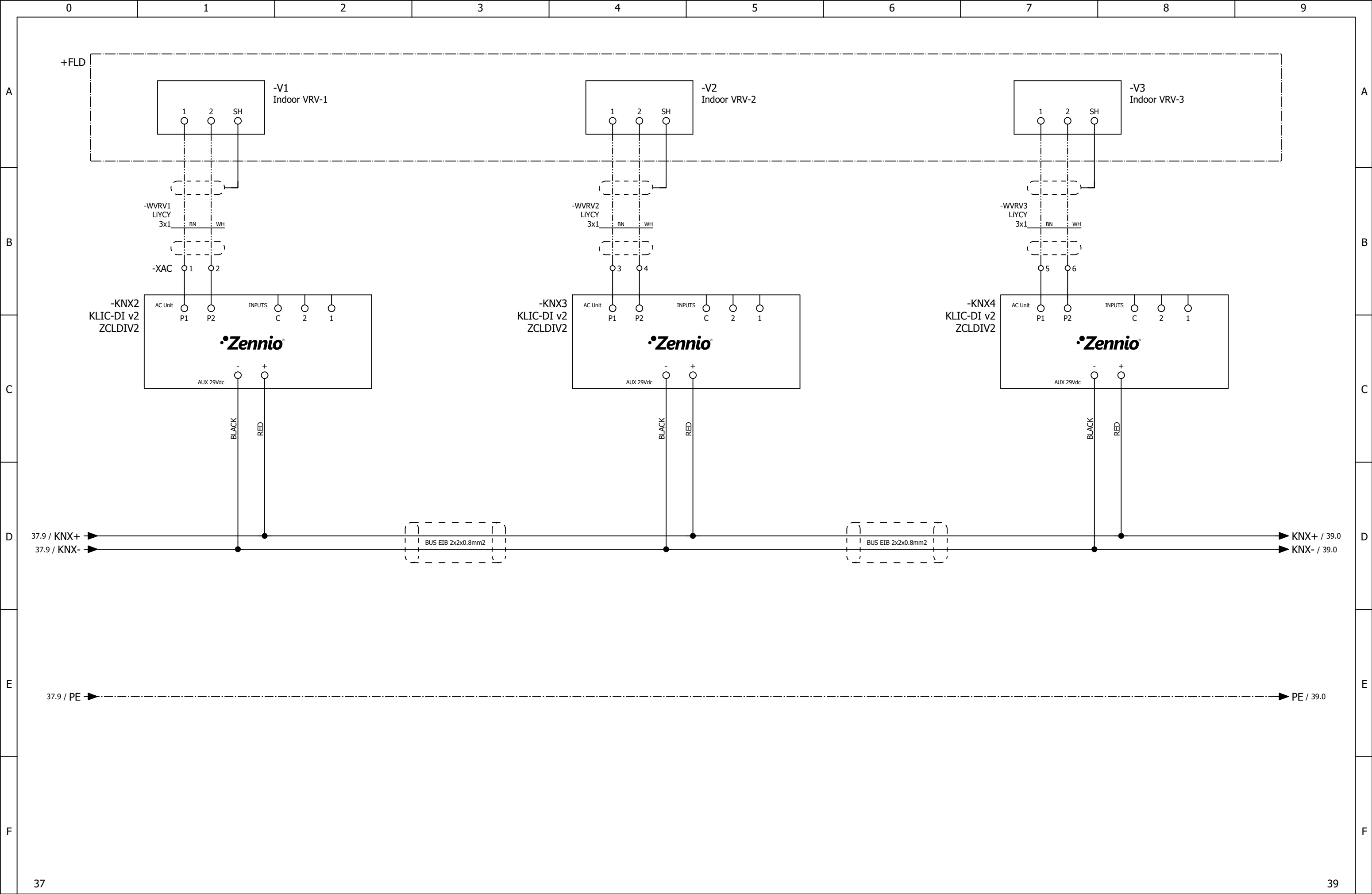
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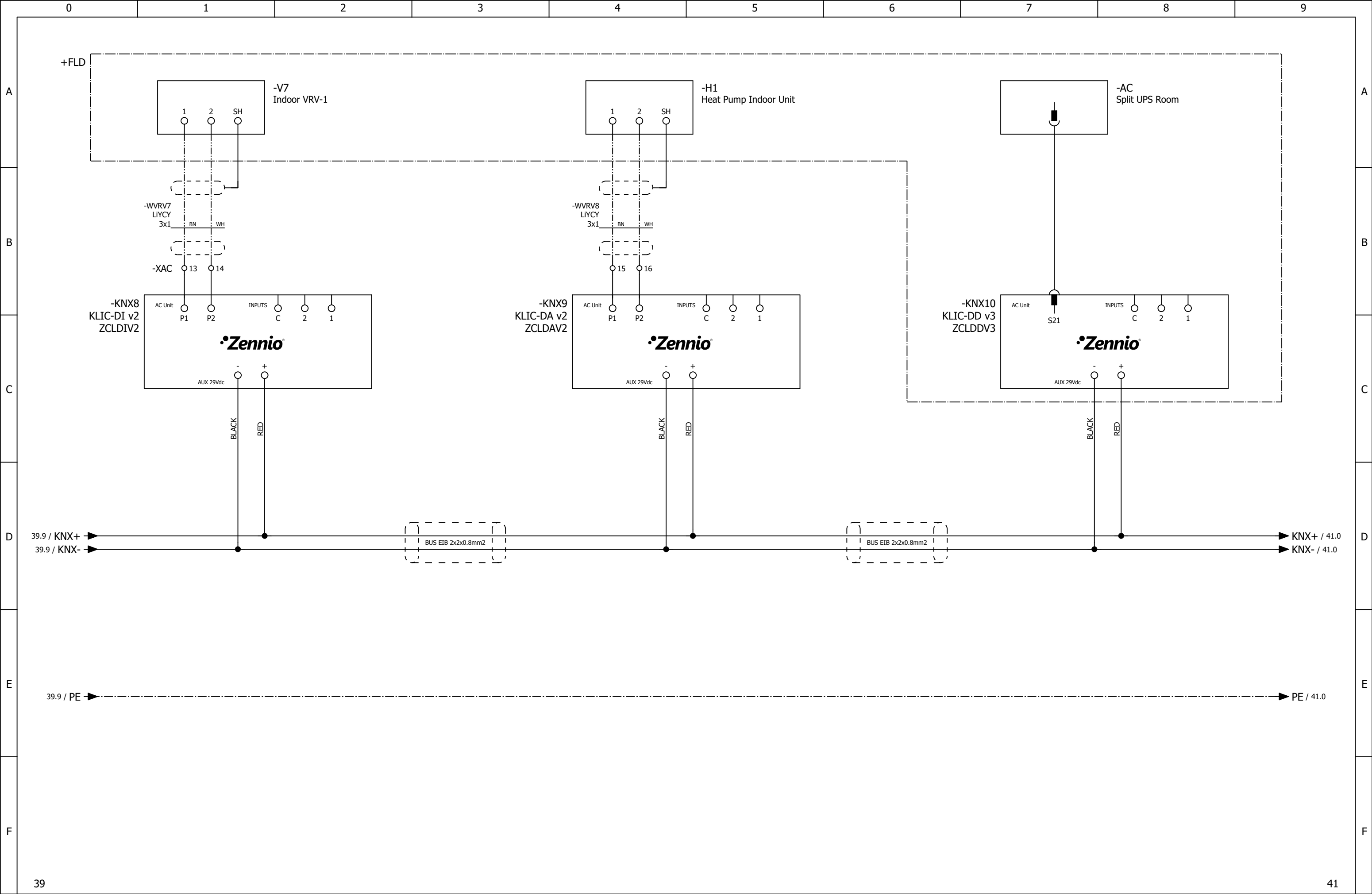
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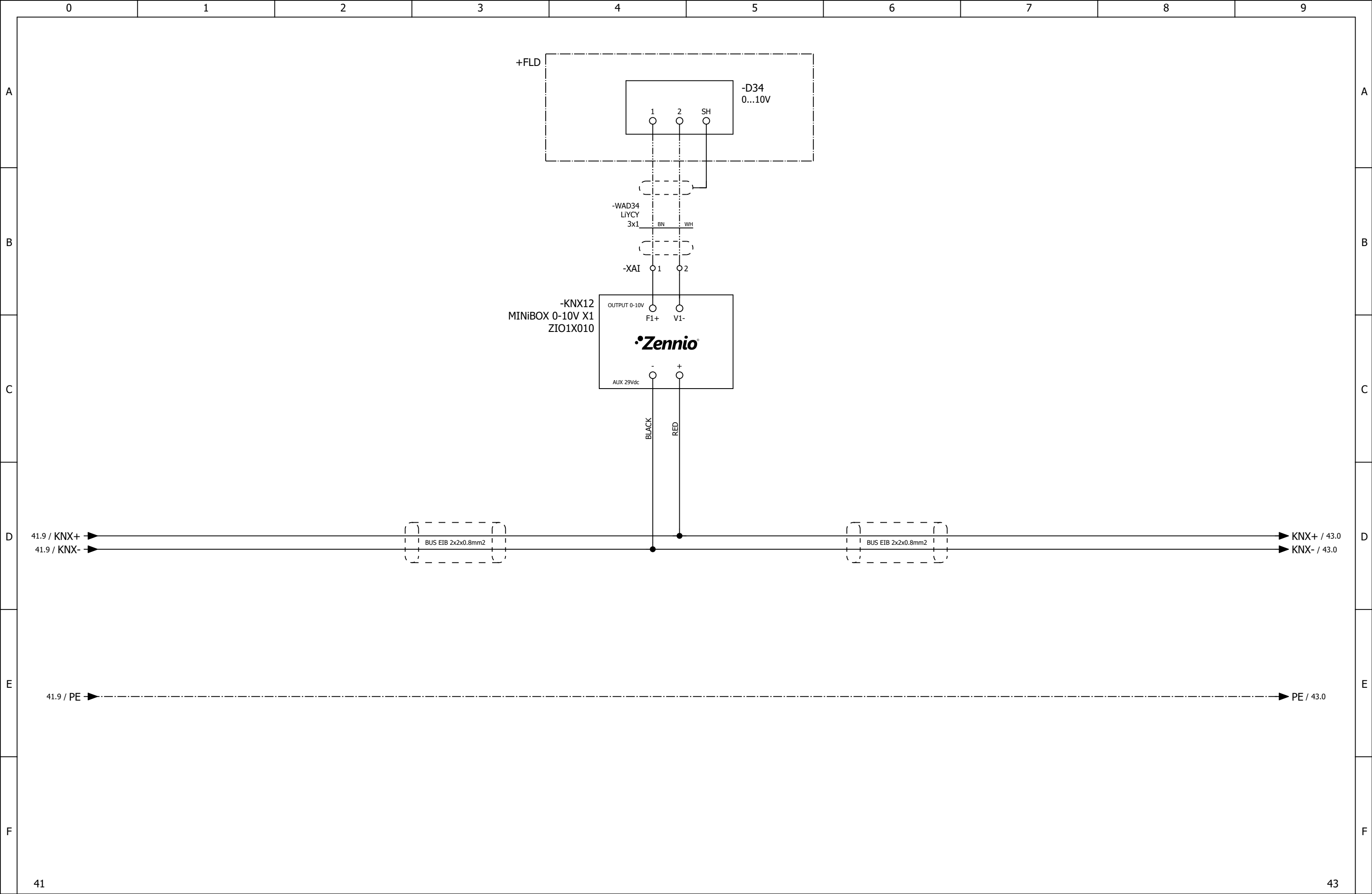
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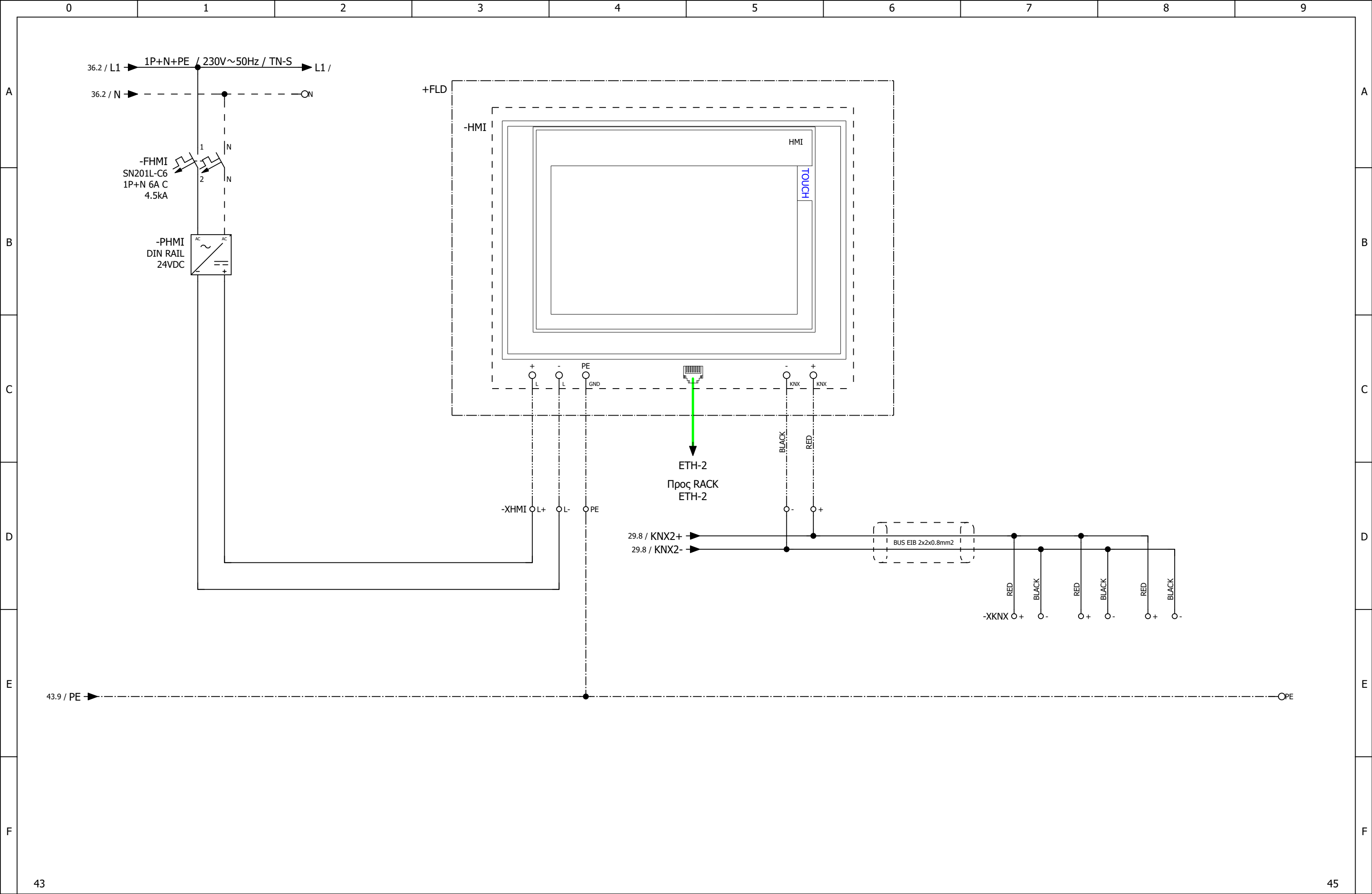
			Designed	E.PETSAKOU	SEPtechniques	Customer: B&I AUTOMATIONS	Page description: KNX	Panel: MAIN DB & KNX PANEL	Function: =
			Checked	C.CHRISOSTOMIDIS		Project: RESIDENTIAL BUILDING ARISTOTELOUS		Panel serial number: ---	Location: + N01
A0	1/11/2024	FOR APPROVAL	Approved	C.CHRISOSTOMIDIS				Doc No: ---	Structure: & EFS
Revision	Date	Description	Date	1/11/2024				Order No: ---	Page: 40
								Contract No: ---	Sheet / Out of: 40 / 46

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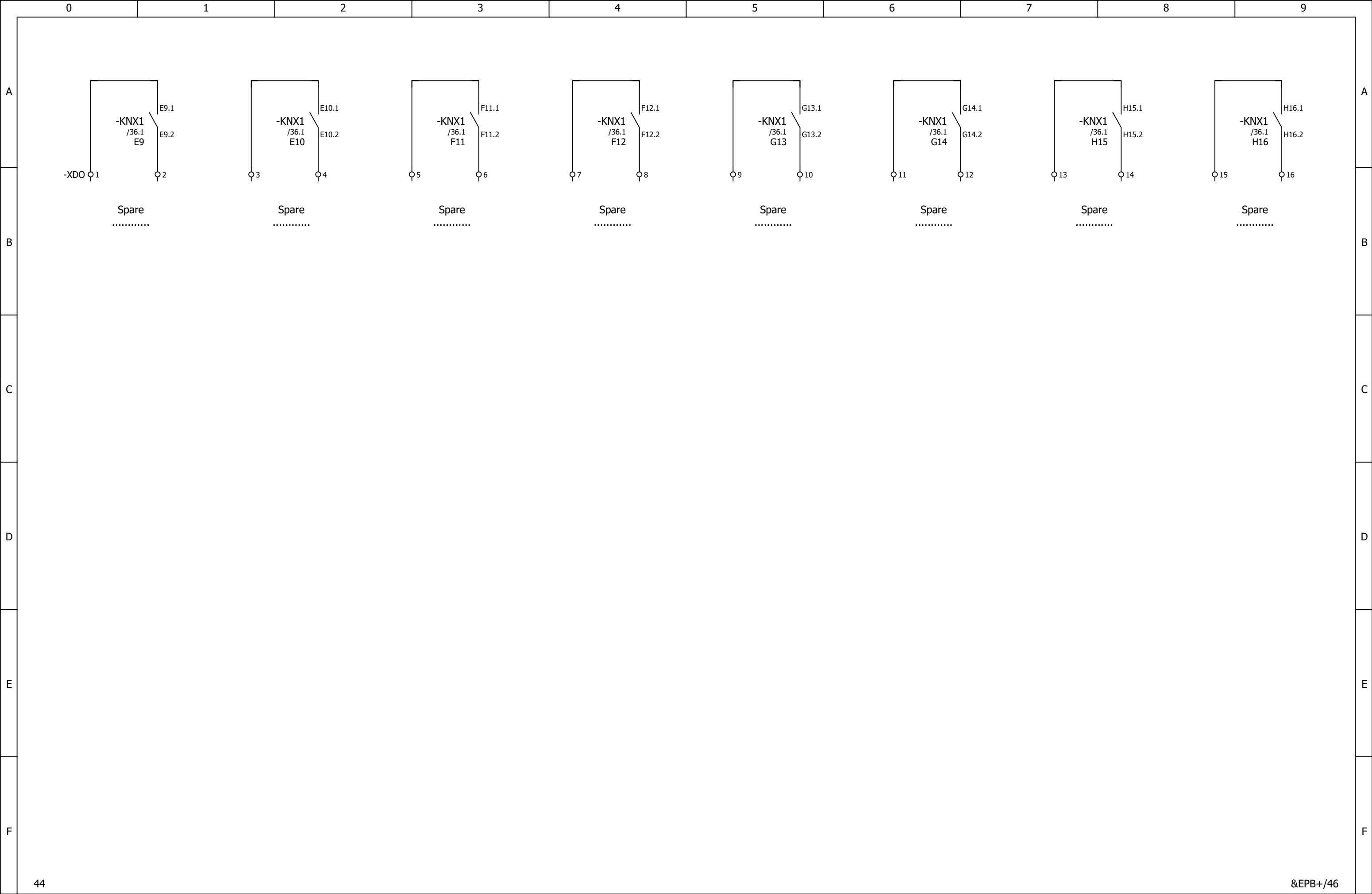


					SEPtechniques	Customer: B&I AUTOMATIONS Project: RESIDENTIAL BUILDING ARISTOTELOUS	Page description: KNX	Panel: MAIN DB & KNX PANEL	Function: =
			Designed	E.PETSAKOU				Panel serial number: ---	Location: + N01
			Checked	C.CHRISOSTOMIDIS				Doc No: ---	Structure: & EFS
A0	1/11/2024	FOR APPROVAL	Approved	C.CHRISOSTOMIDIS				Order No: ---	Page: 42
Revision	Date	Description	Date	1/11/2024				Contract No: ---	Sheet / Out of: 42 / 46

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1P+N - C - 10 A	SN201L-C10 ABB.2CSS245101R0104	ABB ABB	https://new.abb.com/products/el/2CSS245101R0104/sn201-l-c10		2CSS245101R0204	1 PCE	SN201 L-C20 Miniature circuit breaker - 1P+N - C - 20 A	SN201L-C20 ABB.2CSS245101R0204	ABB ABB	https://new.abb.com/products/el/2CSS245101R0204/sn201-l-c20		2CSS245101R0064	3 PCE	SN201 L-C6 Miniature circuit breaker - 1P+N - C - 6 A	SN201L-C6 ABB.2CSS245101R0064	ABB ABB	https://new.abb.com/products/el/2CSS245101R0064/sn201-l-c6		2CSM200923R1801	3	E91/32 E91/32 Fuse switch disconnecter 1P, 10,3x38mm	E91/32 ABB.2CSM200923R1801	ABB ABB	https://new.abb.com/products/2CSM200923R1801/e-91-32		2CCA703900R0001	1 PCE	E219-3C Indicator Light	E219-3C ABB.2CCA703900R0001	ABB ABB	http://www.abb.com/productdetails/2CCA703900R0001		1SDA066806R1	1 PCE	XT1B 160 TMD 80-800 3p F F	XT1B160R80 ABB.1SDA066806R1	ABB ABB	http://www.abb.com/productdetails/1SDA066806R1		2CSF204101R1630	4 PCE	F204 A-63/0,03 Residual Current Dev.	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2CDS253001R0204	1 PCE	Miniature Circuit Breaker - S200 - 3P - C - 20 A	S203-C20 ABB.2CDS253001R0204	ABB ABB	http://www.abb.com/productdetails/2CDS253001R0204																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2CSS245101R0164	29 PCE	SN201 L-C16 Miniature circuit breaker - 1P+N - C - 16 A	SN201L-C16 ABB.2CSS245101R0164	ABB ABB	https://new.abb.com/products/el/2CSS245101R0164/sn201-l-c16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2CSS245101R0104	28 PCE	SN201 L-C10 Miniature circuit breaker - 1P+N - C - 10 A	SN201L-C10 ABB.2CSS245101R0104	ABB ABB	https://new.abb.com/products/el/2CSS245101R0104/sn201-l-c10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2CSS245101R0204	1 PCE	SN201 L-C20 Miniature circuit breaker - 1P+N - C - 20 A	SN201L-C20 ABB.2CSS245101R0204	ABB ABB	https://new.abb.com/products/el/2CSS245101R0204/sn201-l-c20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2CSS245101R0064	3 PCE	SN201 L-C6 Miniature circuit breaker - 1P+N - C - 6 A	SN201L-C6 ABB.2CSS245101R0064	ABB ABB	https://new.abb.com/products/el/2CSS245101R0064/sn201-l-c6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2CSM200923R1801	3	E91/32 E91/32 Fuse switch disconnecter 1P, 10,3x38mm	E91/32 ABB.2CSM200923R1801	ABB ABB	https://new.abb.com/products/2CSM200923R1801/e-91-32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2CCA703900R0001	1 PCE	E219-3C Indicator Light	E219-3C ABB.2CCA703900R0001	ABB ABB	http://www.abb.com/productdetails/2CCA703900R0001																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1SDA066806R1	1 PCE	XT1B 160 TMD 80-800 3p F F	XT1B160R80 ABB.1SDA066806R1	ABB ABB	http://www.abb.com/productdetails/1SDA066806R1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2CSF204101R1630	4 PCE	F204 A-63/0,03 Residual Current Dev.	F204 A-63/0,03 ABB.2CSF204101R1630	ABB ABB	http://www.abb.com/productdetails/2CSF204101R1630																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2CSF204101R1400	3 PCE	F204 A-40/0,03 Residual Current Dev.	F204 A-40/0,03 ABB.2CSF204101R1400	ABB ABB	http://www.abb.com/productdetails/2CSF204101R1400																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2CSF202101R1400	1 PCE	F202 A-40/0,03 Residual Current Dev.	F202 A-40/0,03 ABB.2CSF202101R1400	ABB ABB	http://www.abb.com/productdetails/2CSF202101R1400																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										