



Innovation Wave For Engineering Services

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Contractor

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Manufacturer (Company)

Innovation Wave For Engineering Services

Project Description

S.K.U.A

Drawing Title

MCC-FAHU-1A

Number of pages 15

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Summarized parts list

Device Tag	Part number	Quantity	Designation	Manufacturer
K1	LC1D09M7	1	TeSys D contactor - 3P(3 NO) - AC-3- 9 A, AC-1- 25 A <= 440 V - 220 V AC coil	Schneider
K1;K2	LADN22	2	Auxiliary contact block, TeSys D, 2NO + 2NC, front mounting, screw terminals	Schneider
K2	LC1D18M7	1	TeSys D contactor - 3P(3 NO) - AC-1 32A / AC-3 - <= 440 V 18 A - 220 V AC coil	Schneider
OL1	LRD12	1	TeSys LRD thermal overload relays - 5.5...8 A - class 10A	Schneider
OL2	LRD32	1	TeSys LRD thermal overload relays - 23...32 A - class 10A	Schneider
R1...R18	RXM4AB1P7	18	Miniature plug-in relay - Zelio RXM - 4 C/O - 230 V AC - 6 A	Schneider
R1...R18	RXZE2M114M	18	Socket, mixed contact, relay type RXM2 RXM4, connector connection, 250 V AC	Schneider
TB-230V	CTS4UN	3	Screw Terminal, Feed Through, Conductor cross section mm2 stranded, 0.2 - 4mm ² Dimensions (L x W x H), 43 x 6 x 46.2mm Colour "grey", 1000 V/32A	Connectwell
TBP-IN;TBP-OUT	CTS35UN	19	Screw Terminal, Feed Through, Conductor cross section stranded, 4 - 35mm ² Dimensions (L x W x H), 50.5 x 16 x 59.2mm Colour "grey", 1000 V/125A	Connectwell
TBP-IN;TBP-OUT	CGT10U	6	Conductor cross section stranded, 0.2 - 10mm ² , Dimensions (L x W x H), 45 x 10 x 51mm, Colour "green/yellow"	Connectwell
TB;TB MFSD	3211757	72	Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, connection method: Push-in connection, Rated cross section: 4 mm ² , cross section: 0.2 mm ² - 6 mm ² , mounting type: NS 35/7,5, NS 35/15, color: gray	Phoenix Contact
F1	A9N15656	1	Acti 9 - fuse-disconnector STI - 3 poles - 25 A - for fuse 10.3 x 38 mm	Schneider
Q1;Q2	A9F54350	2	Miniature Circuit breaker 3P 50A C	Schneider
Q1;Q2	A9A26924	2	Acti 9 - Auxiliary contact iOF - 1 C/O - AC/DC	Schneider
Q1;Q2	A9A26927	2	Acti 9 -Auxiliary fault contact iSD - 1 C/O - AC/DC	Schneider
Q3	A9F44310	1	Acti9 iC60N 3P 10A C Miniature Circuit breaker	Schneider
Q4	A9F44340	1	Acti9 iC60N 3P 40A C Miniature Circuit breaker	Schneider
QC1...QC3	A9F44106	3	Acti9 iC60N 1P 6A C Miniature Circuit breaker	Schneider
QM	EZC250N3150	1	circuit breaker,EasyPact EZC250N ,TMD, 150A ,3 poles 3d	Schneider
QM	EZASHT200AC	1	shunt trip SHT, EasyPact EZC100, EasyPact CVS100BS, 200 VAC to 277 VAC 50/60 Hz	Schneider
H1;H6;H9;H11;H14	XB7EV04MP	5	Pilot Light - Integral LED - 230-240V AC - Red	Schneider
H2;H5;H7;H10;H13;H16	XB7EV05MP	6	Pilot Light - Integral LED - 230-240V AC - Yellow	Schneider
H3	XB7EV06MP	1	Pilot Light - Integral LED - 230-240V AC - Blue	Schneider
H4;H8;H12;H15;H17...H27	XB7EV03MP	15	Pilot Light - Integral LED - 230-240V AC - Green	Schneider
Filter	PFI1000	1	Filter, Dimensions: (110x110x20.5)	Plastim
CT1...CT3	METSECT5CC015	3	Current transformer tropicalised DIN mount 150\5	Schneider
DMM-1	METSEPM2120	1	EasyLogic PM2120, Power &Energy meter, up to the 15th harmonic, LED display, RS485, class 1	Schneider
Emergency Stop	XB4BS8442	1	Harmony XB4, Emergency stop switching off, metal, red mushroom Ø40, Ø22, trigger latching turn to release, 1 NC.	Schneider

Summarized parts list

Device Tag	Part number	Quantity	Designation	Manufacturer
NC Contact, Emergency stop	ZBE102	2	Single contact block, silver alloy, screw clamp terminal, 1 NC	Schneider
PB1;PB3	XB4BA42	2	Push button, Harmony XB4, metal, flush, red, 22mm, spring return, unmarked, 1NC	Schneider
PB2;PB4	XB4BA31	2	Harmony XB4, Push button, metal, flush, green, Ø22, spring return, unmarked, 1 NO	Schneider
S1...S13	XB7ND33	13	Selector switch, plastic, black, Ø22, stay put, 3 positions, stay put, 2 NO	Schneider
S1	ZBE101	1	Single contact block, silver alloy, screw clamp terminal, 1 NO	Schneider
Fan	PTF1000	1	Ventilation Fan 30 m3/h, 230V 50-60Hz, Dimensions: (110x110x58.5)	Plastim
TH	PTVT	1	Temperature Control Thermostat, NO	Plastim
ME	47 SBX108030D	1	Metal Enclosures Double Door with canopy, IP65, Hight x Width x Depth : 1000x800x300 (mm)	Alfanar



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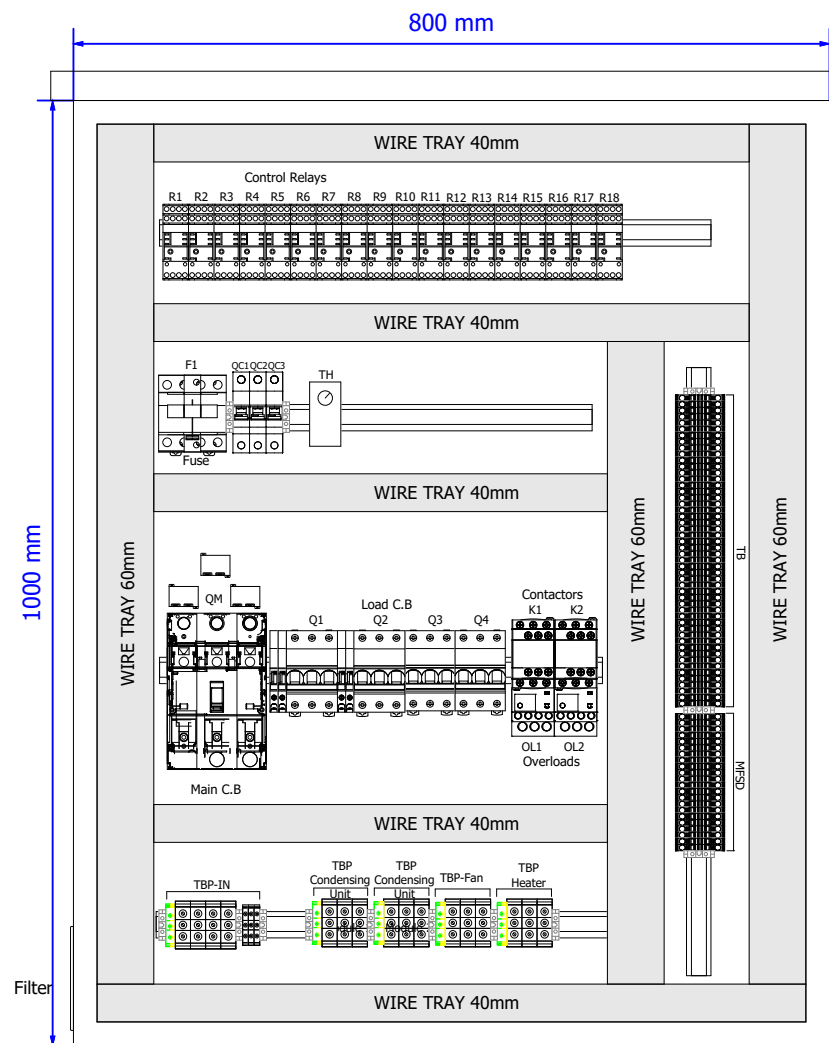
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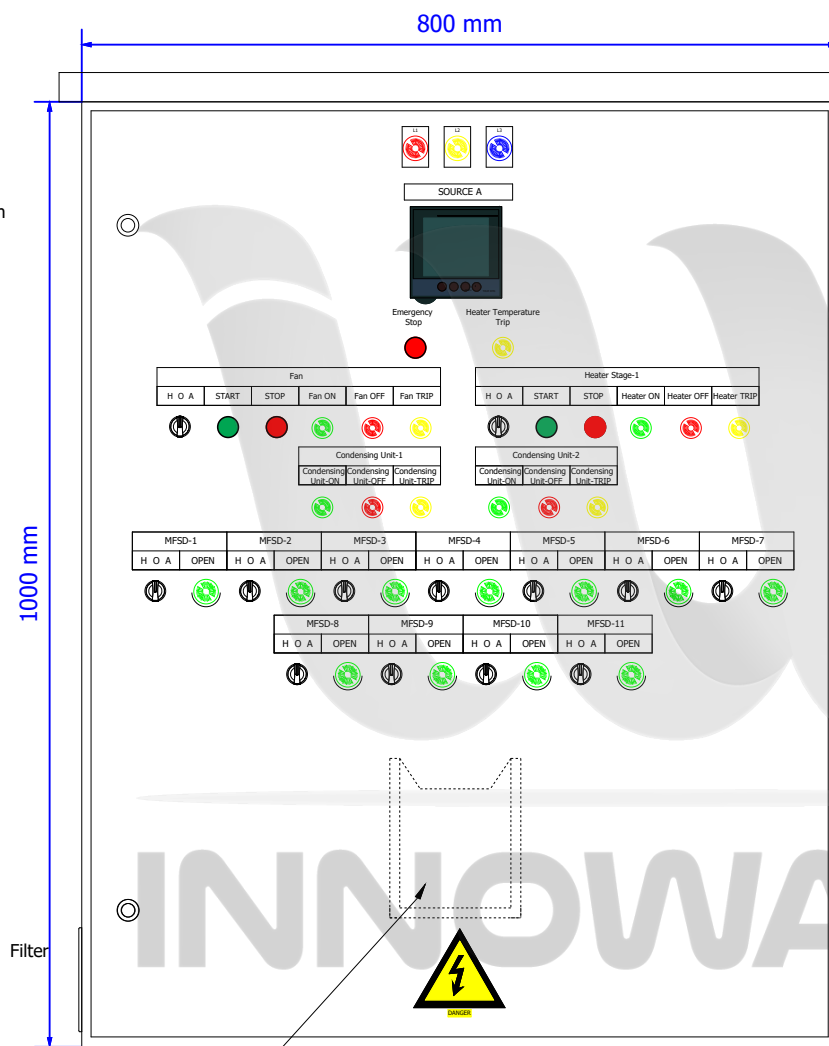
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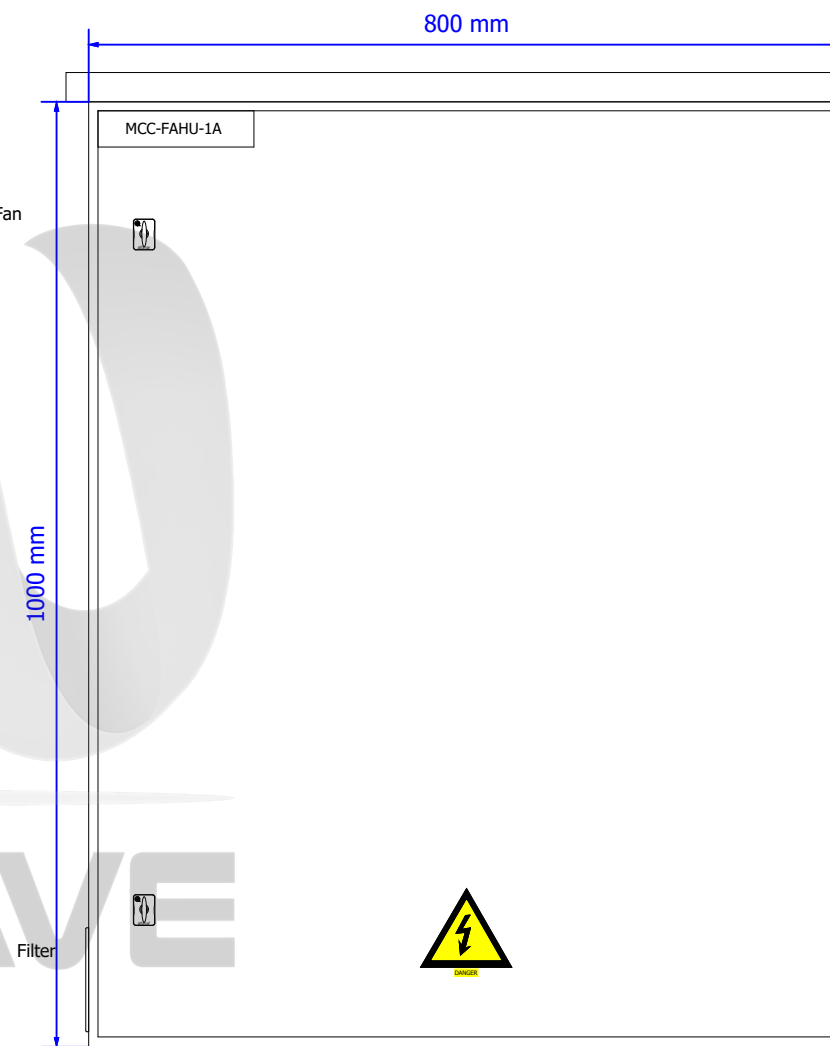
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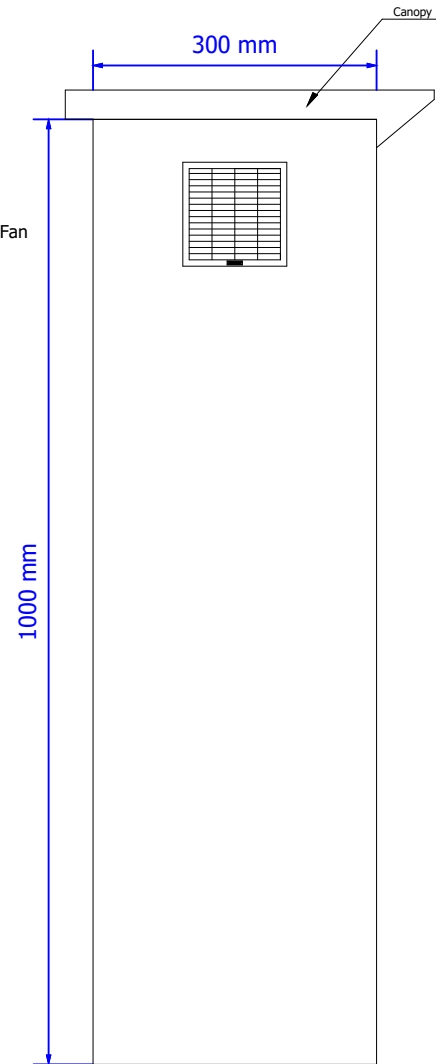
Front View (Mounting Plate)



Front View (Inner Door)



Front View (Outer Door)



Side View

Panel Profile	
Dimensions (HxWxD)	(1000x800x300)
Protection Degree	IP65
Cable Entry	Bottom
* All dimensions are in mm.	

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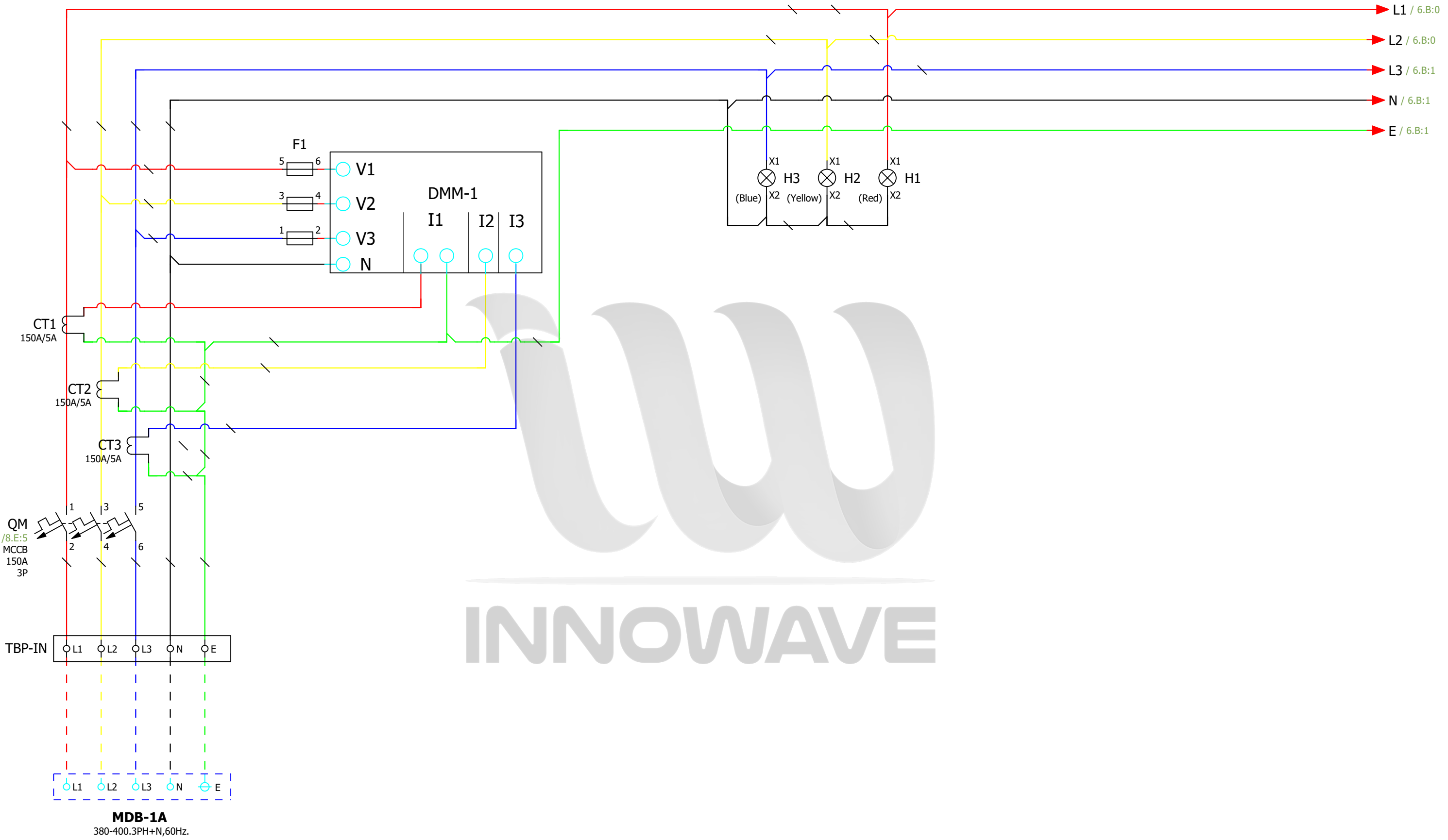
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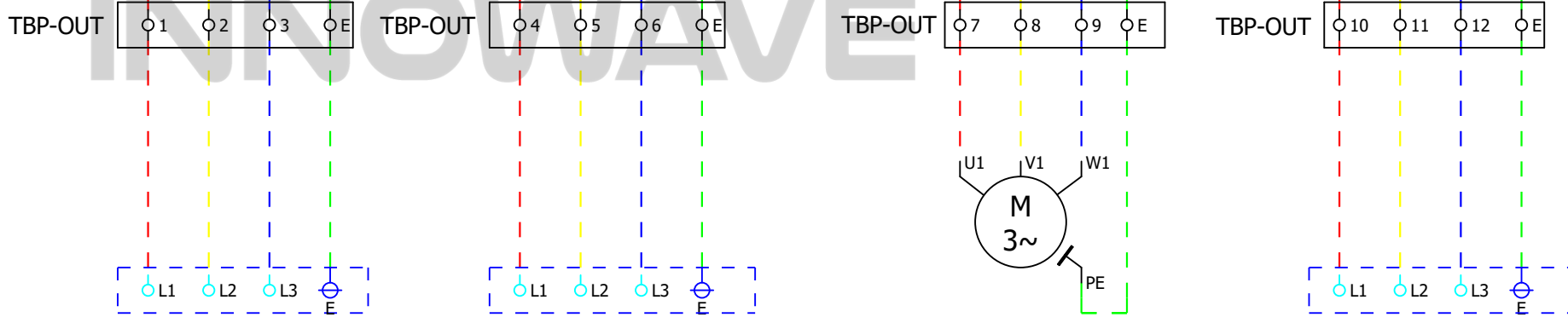
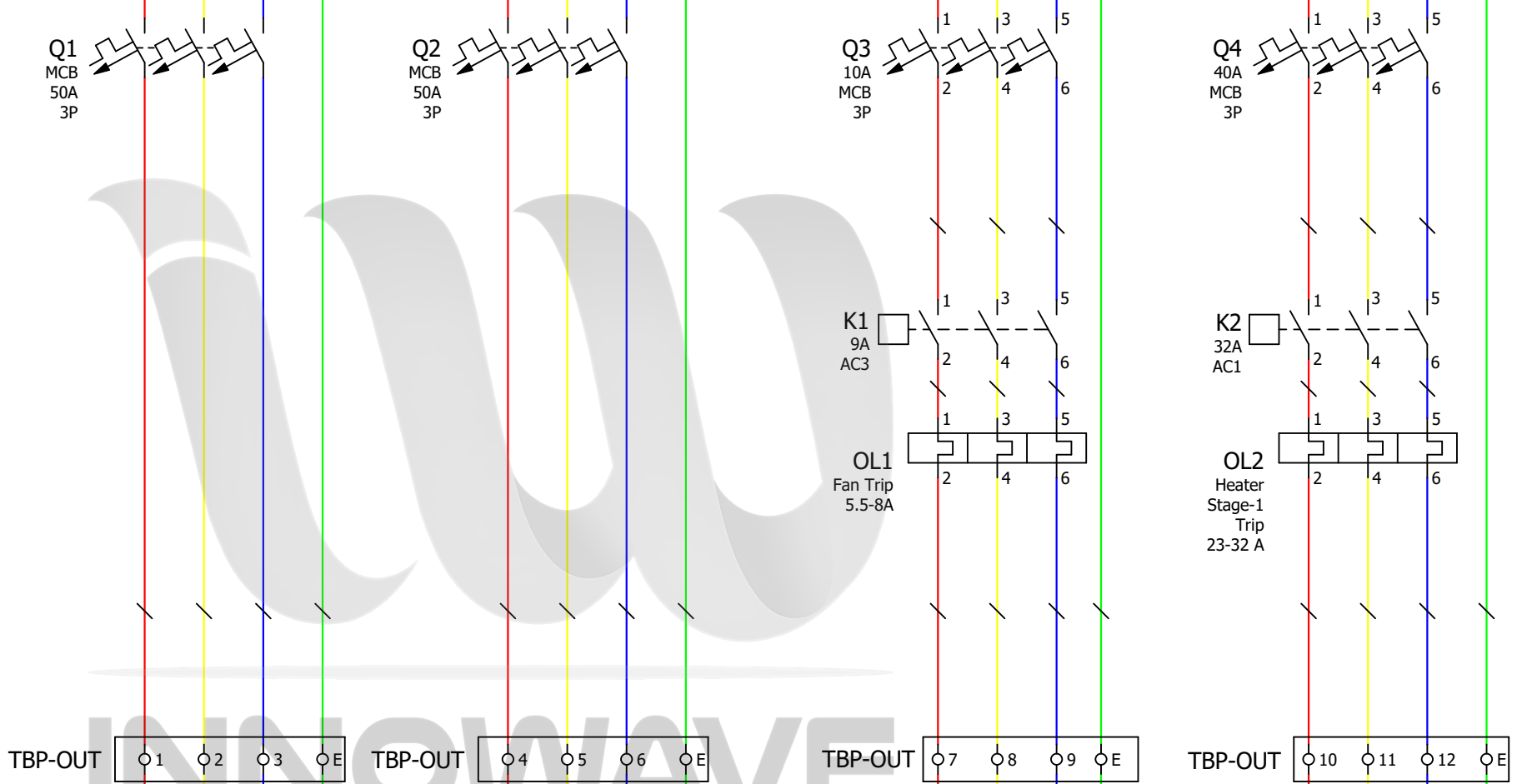
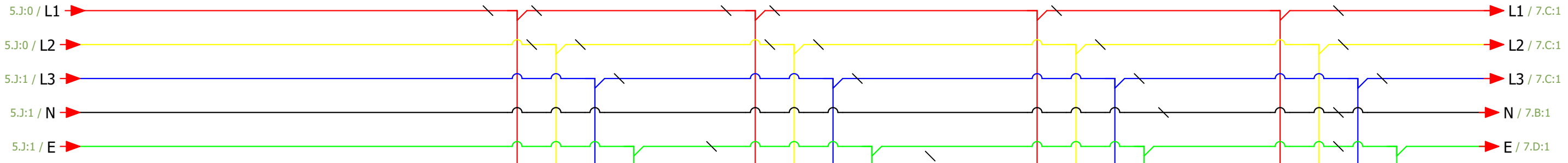
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**Condensing unit
Module 1
18.1 KW**

**Condensing unit
Module 2
18.1 KW**

**Fan
3KW**

**Heater Stage-1
Heater 13.3KW**

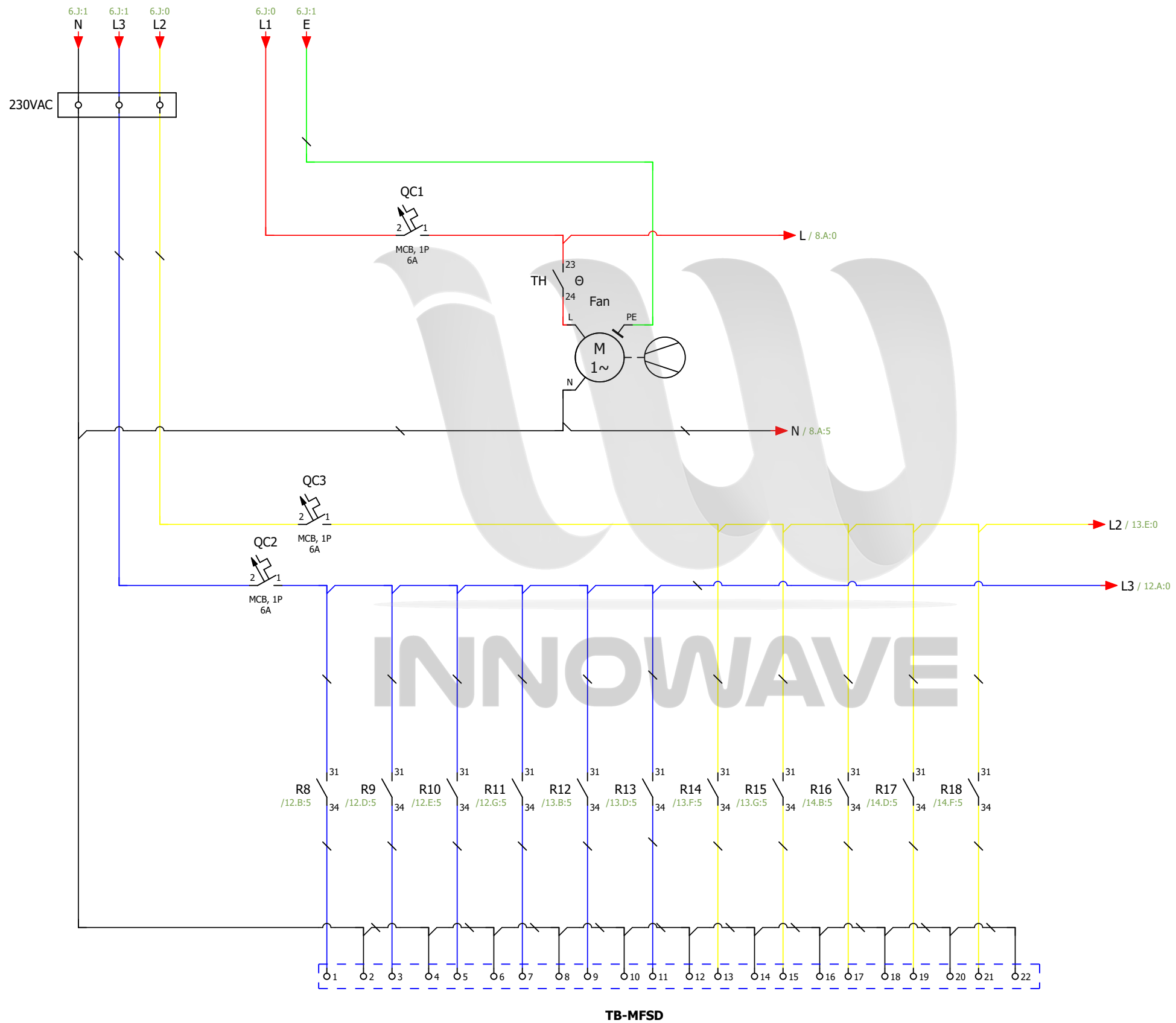
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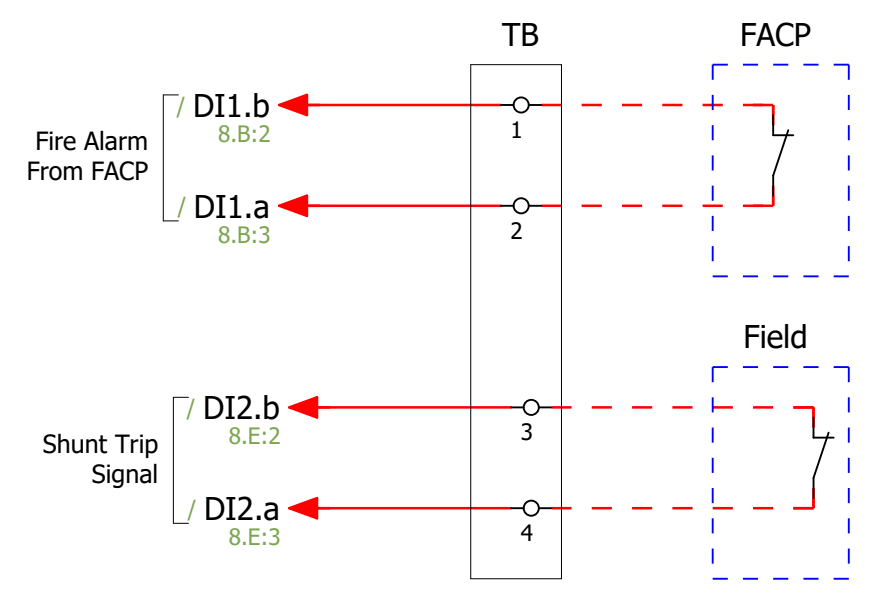
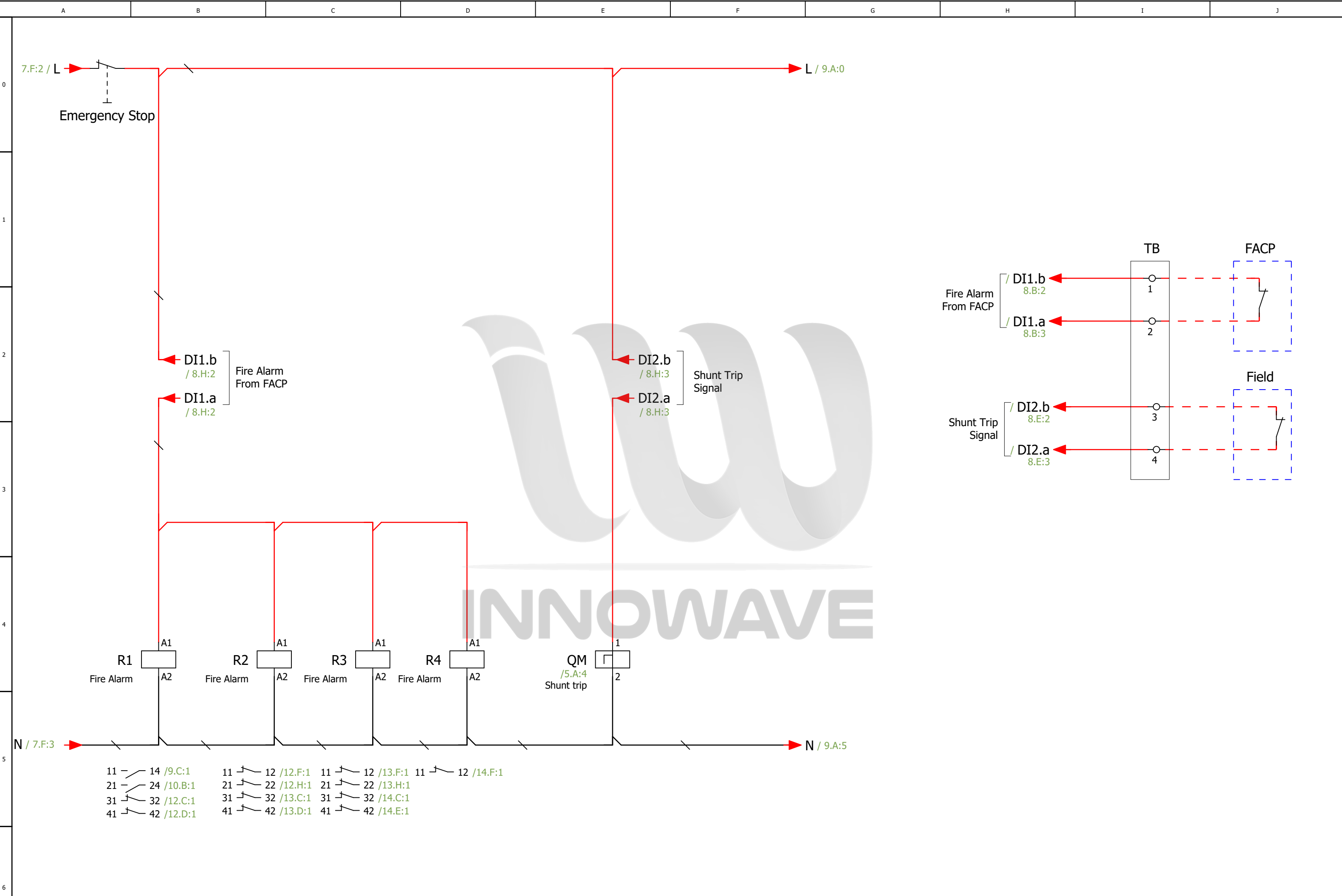
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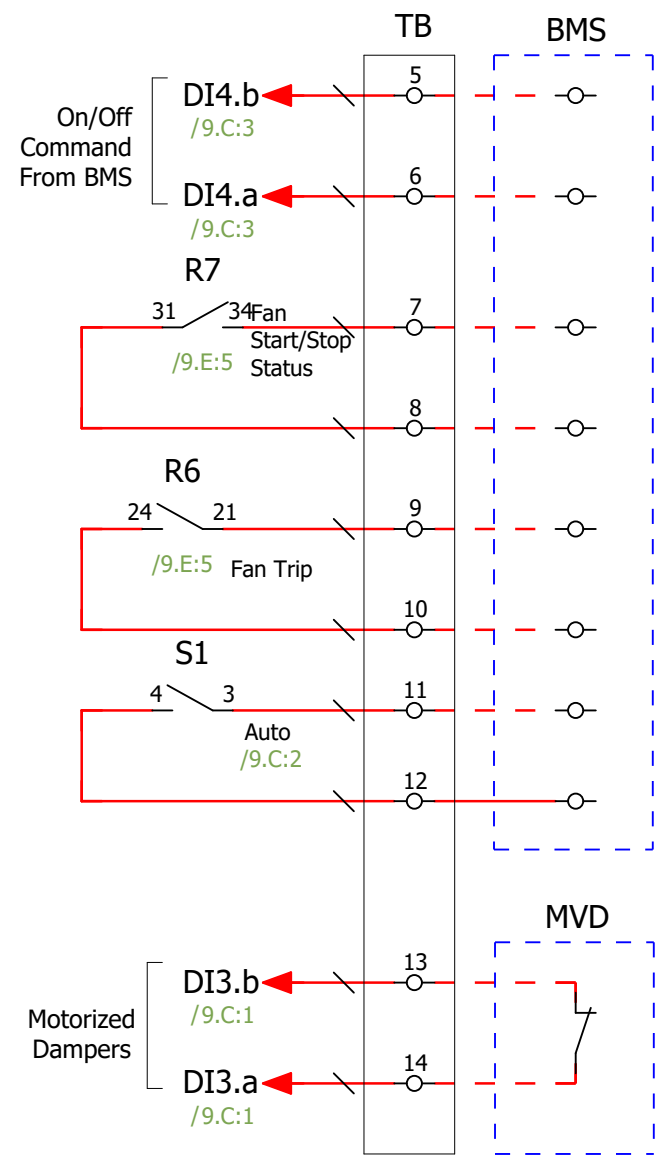
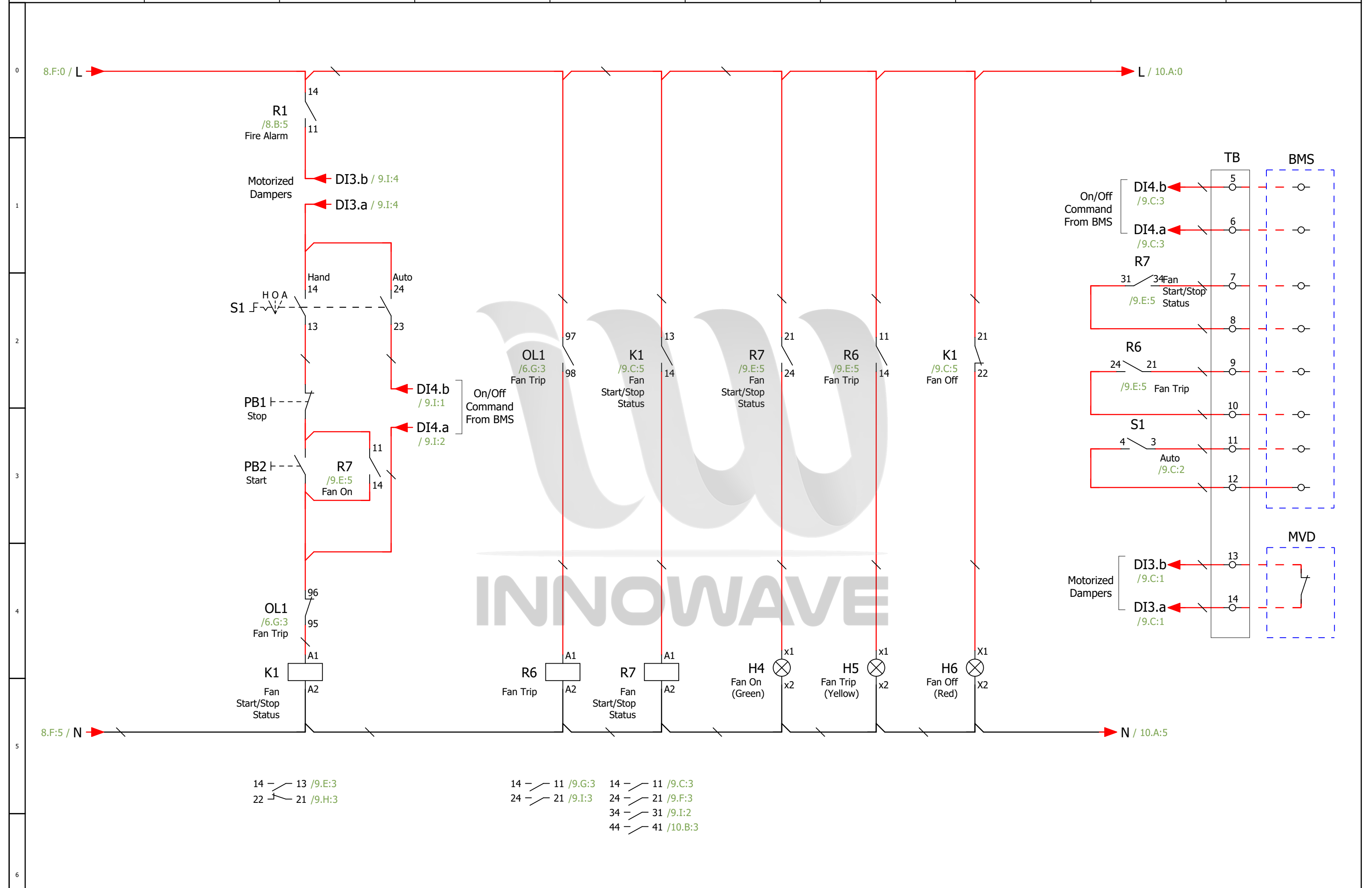
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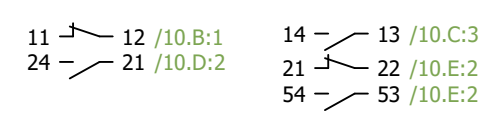
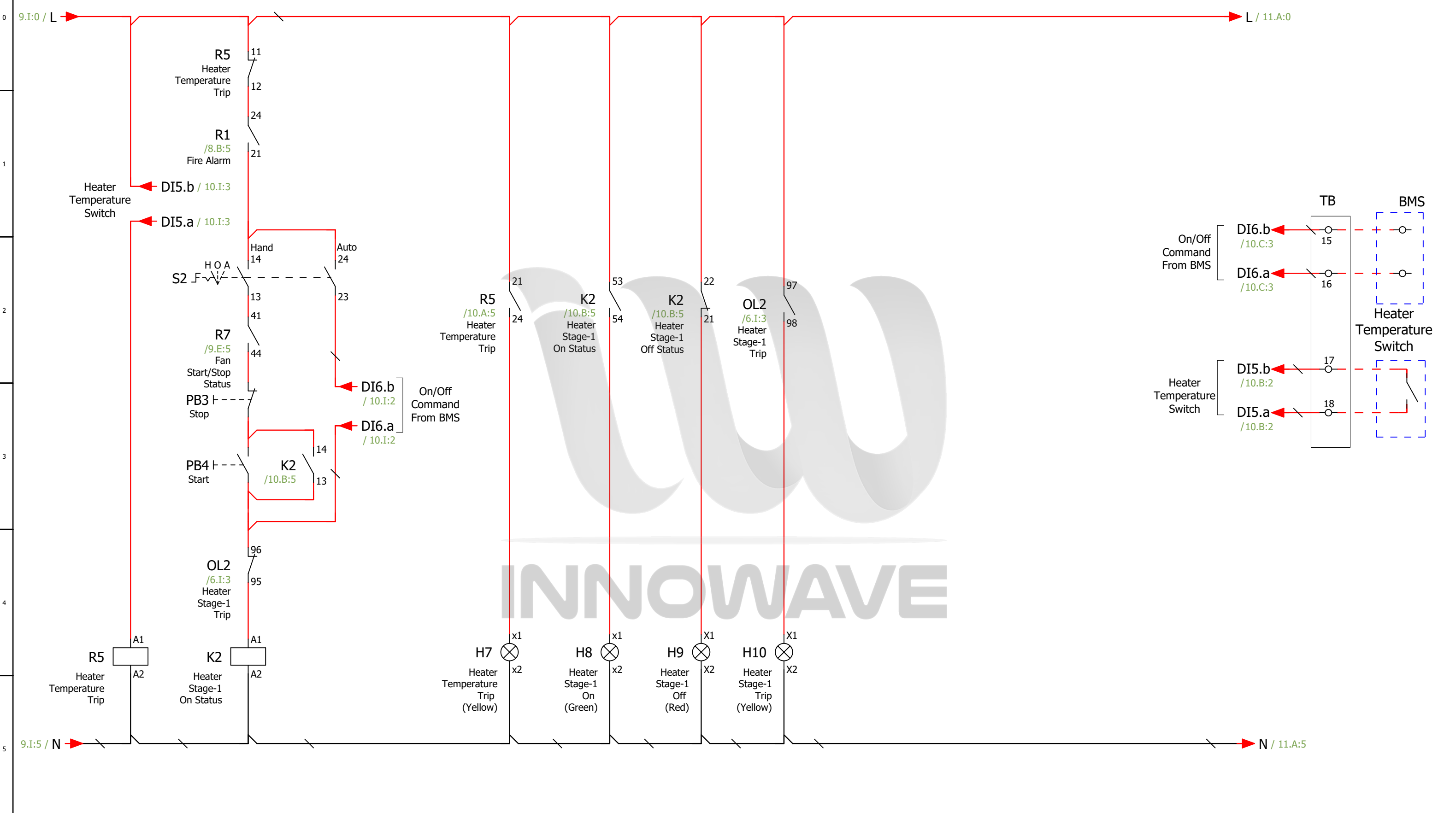
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- 41 - 42 /12.D:1
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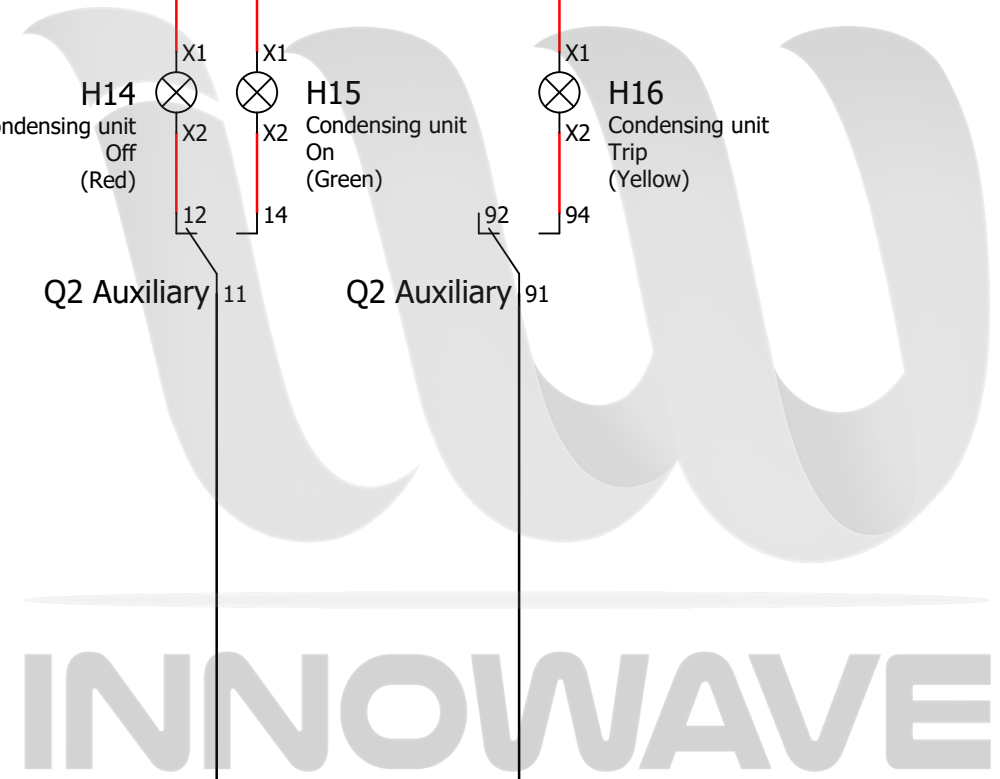
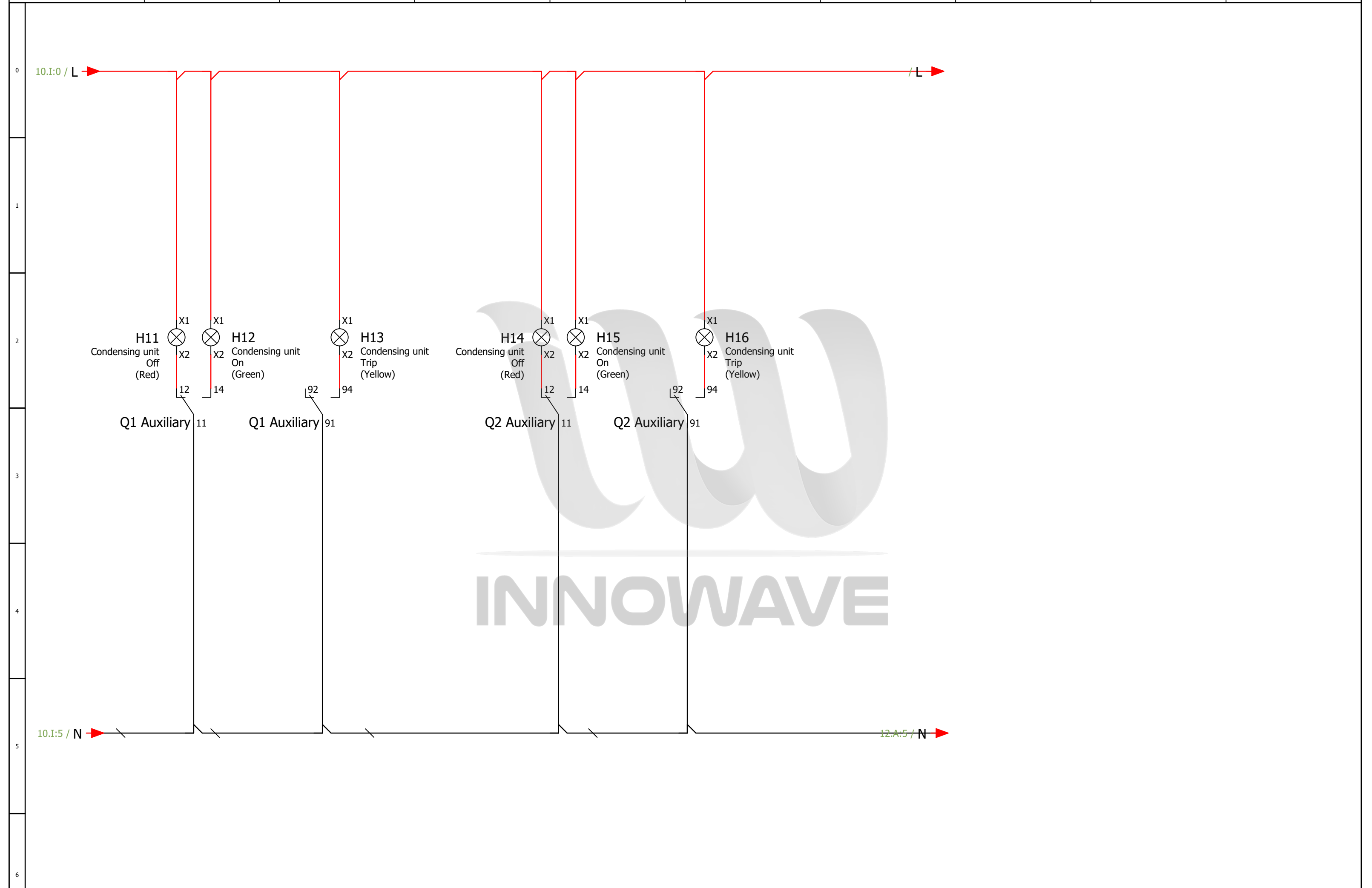


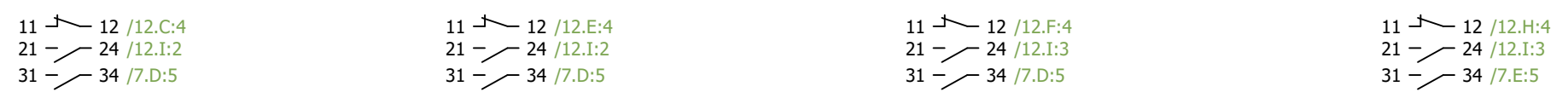
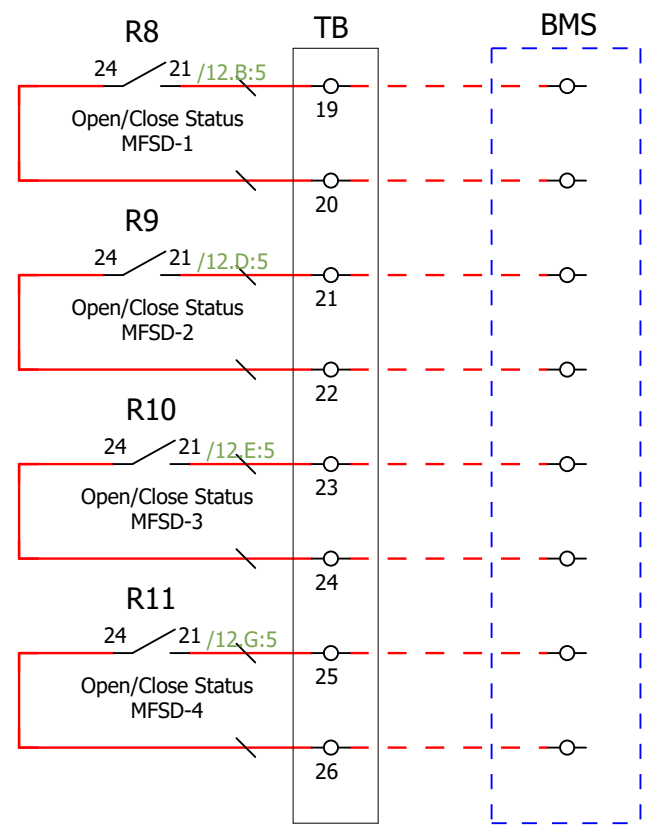
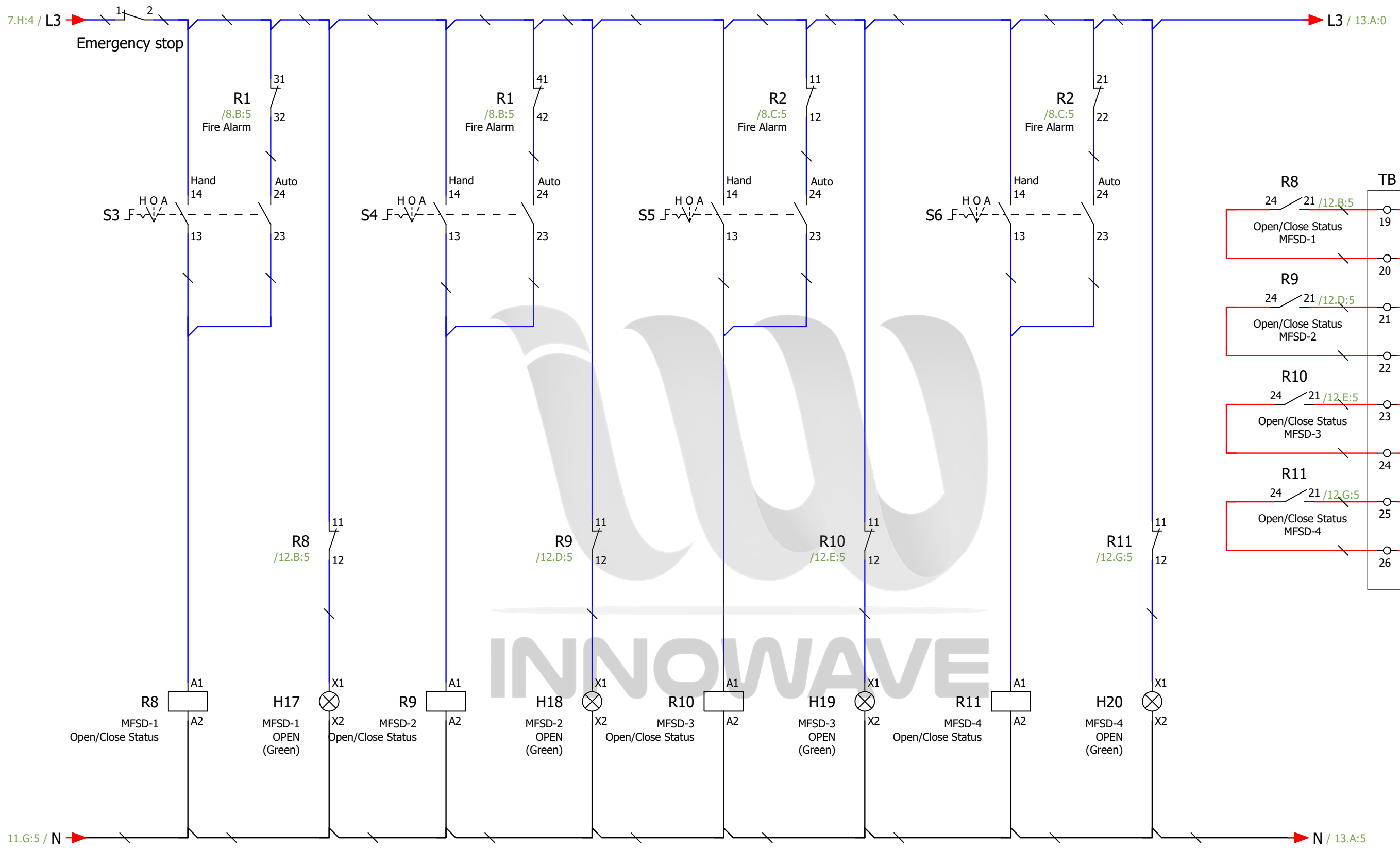
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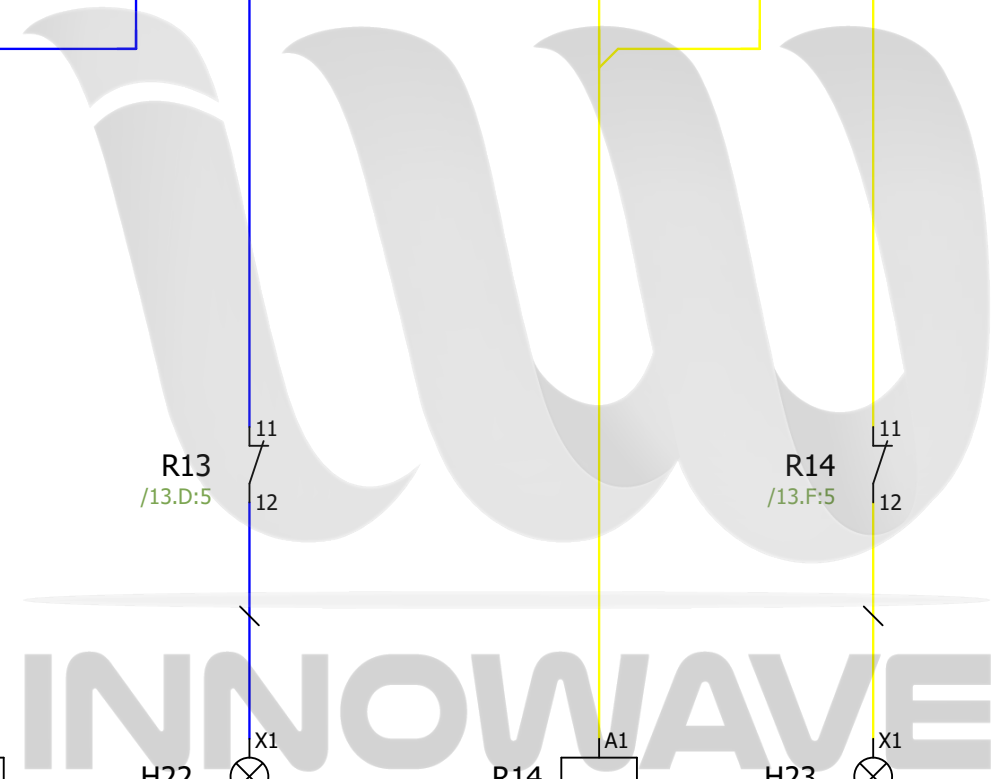
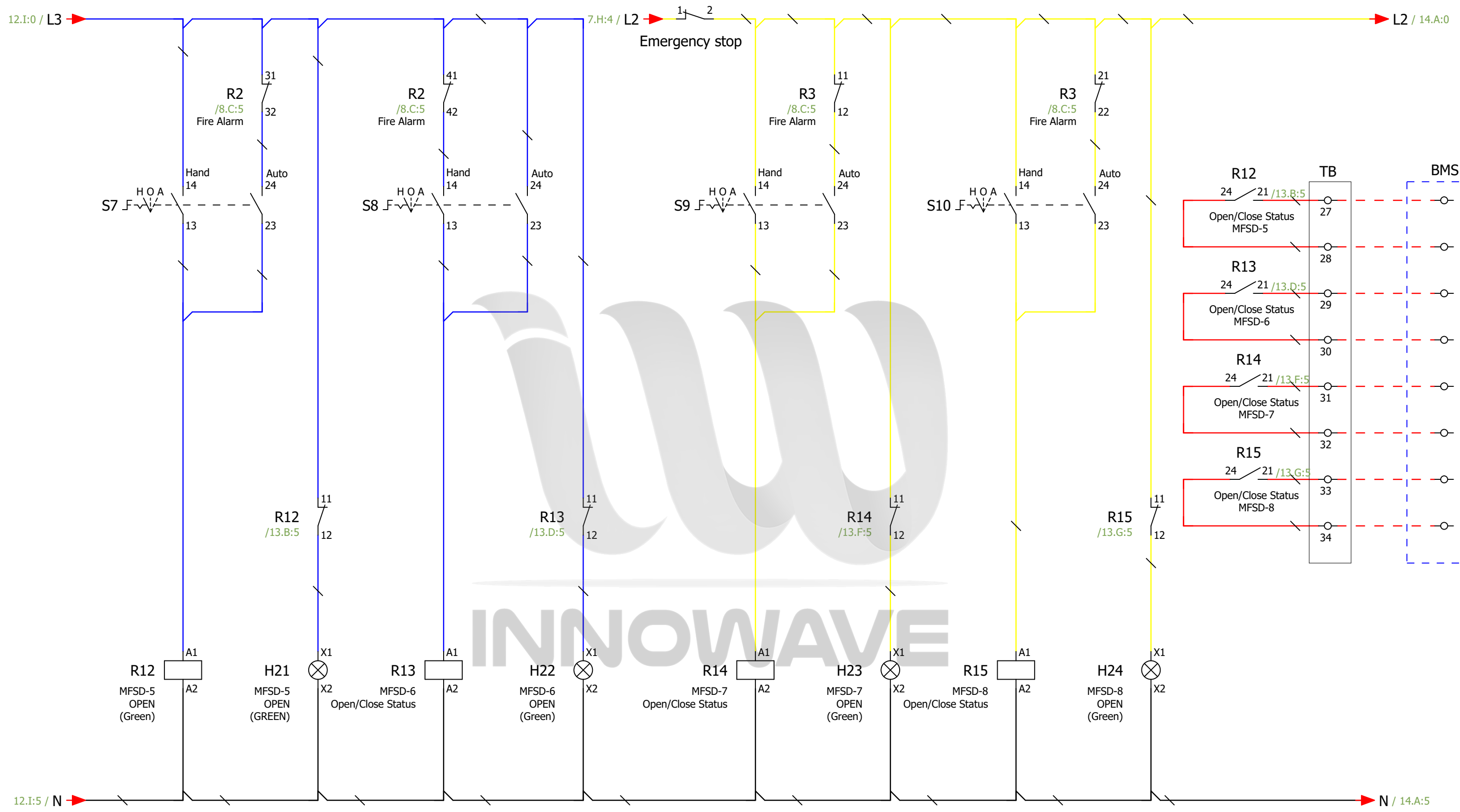
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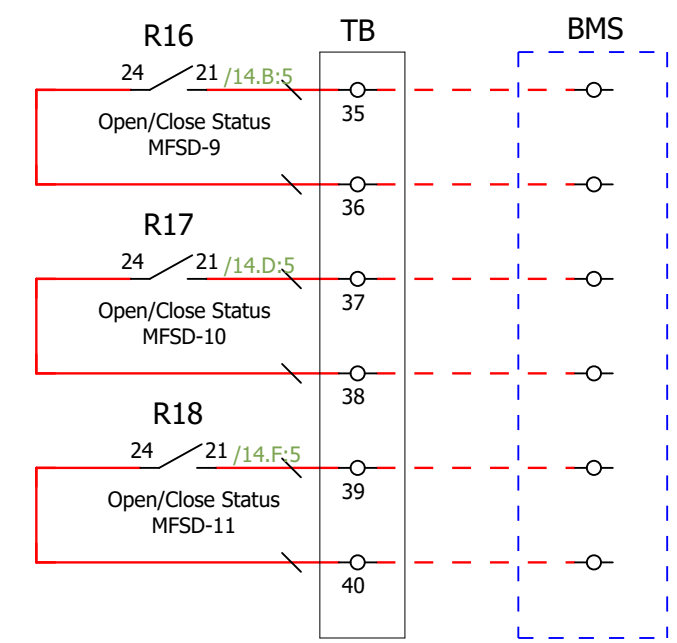
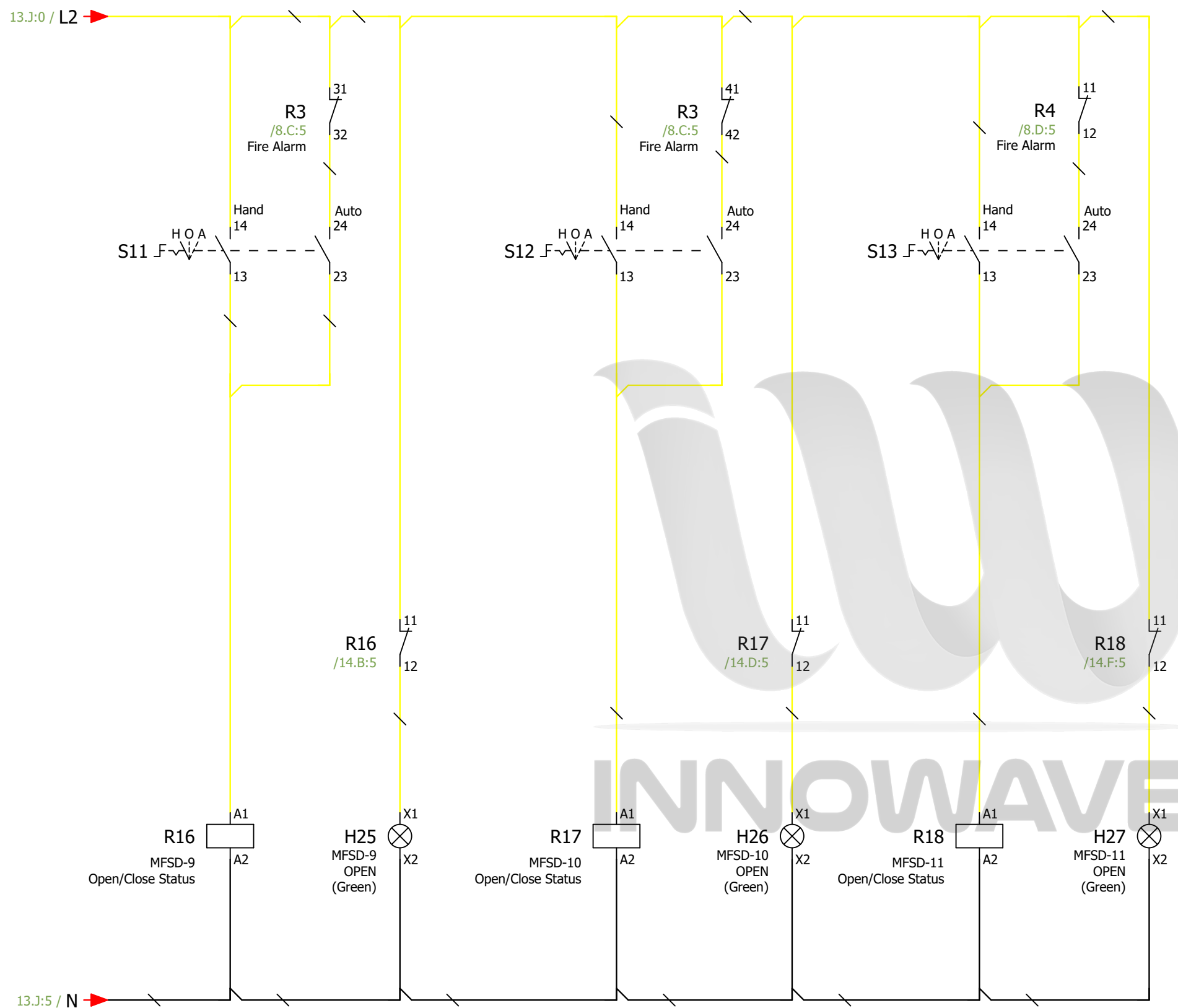
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