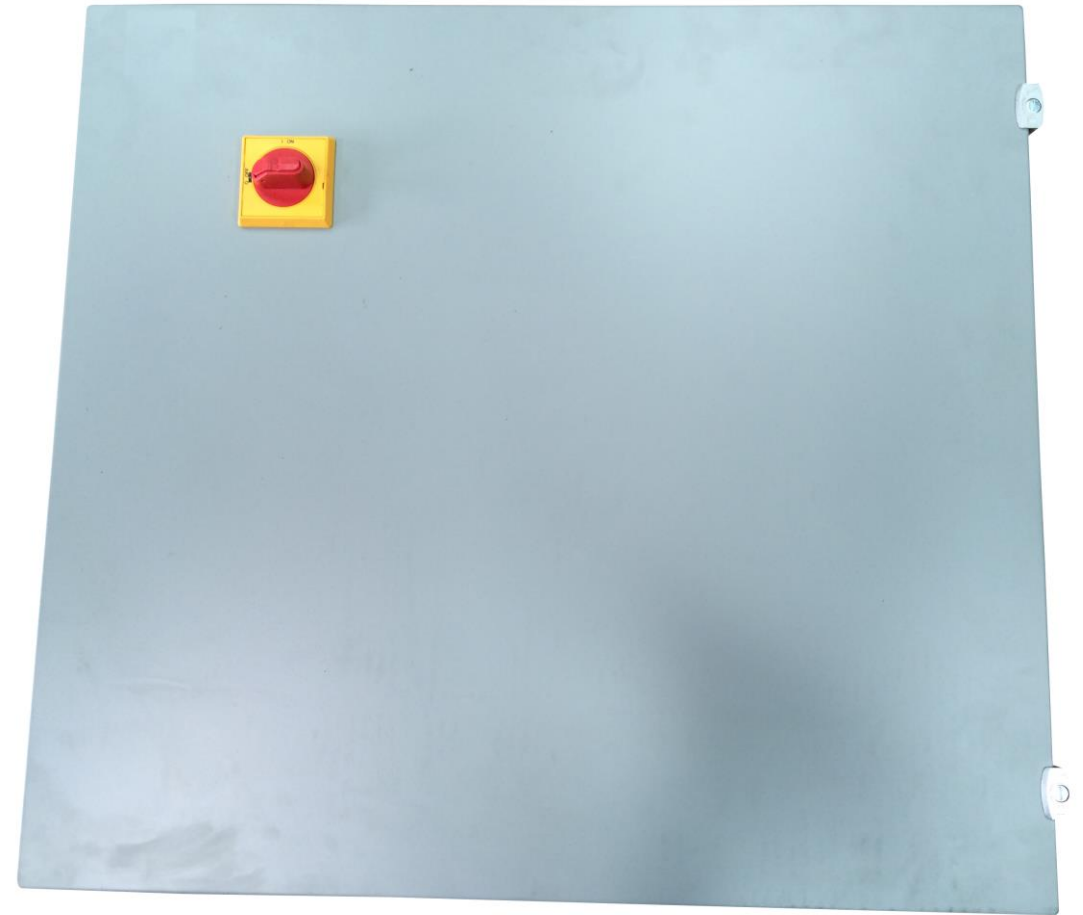
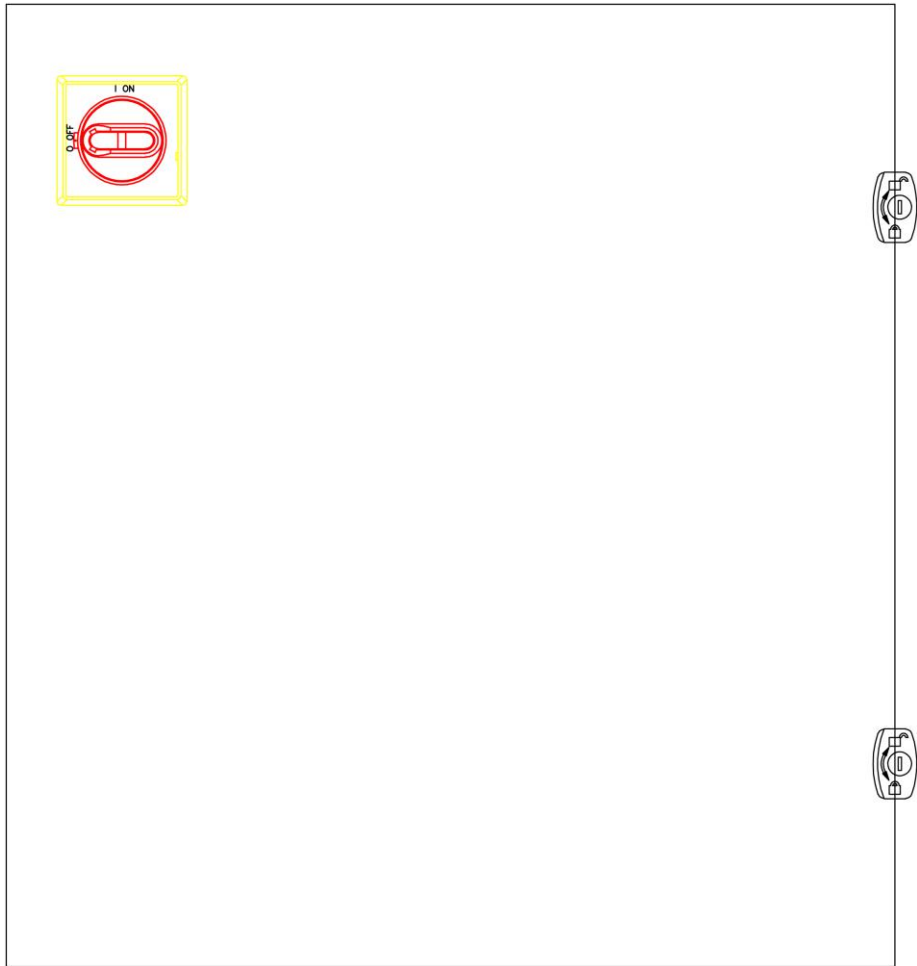
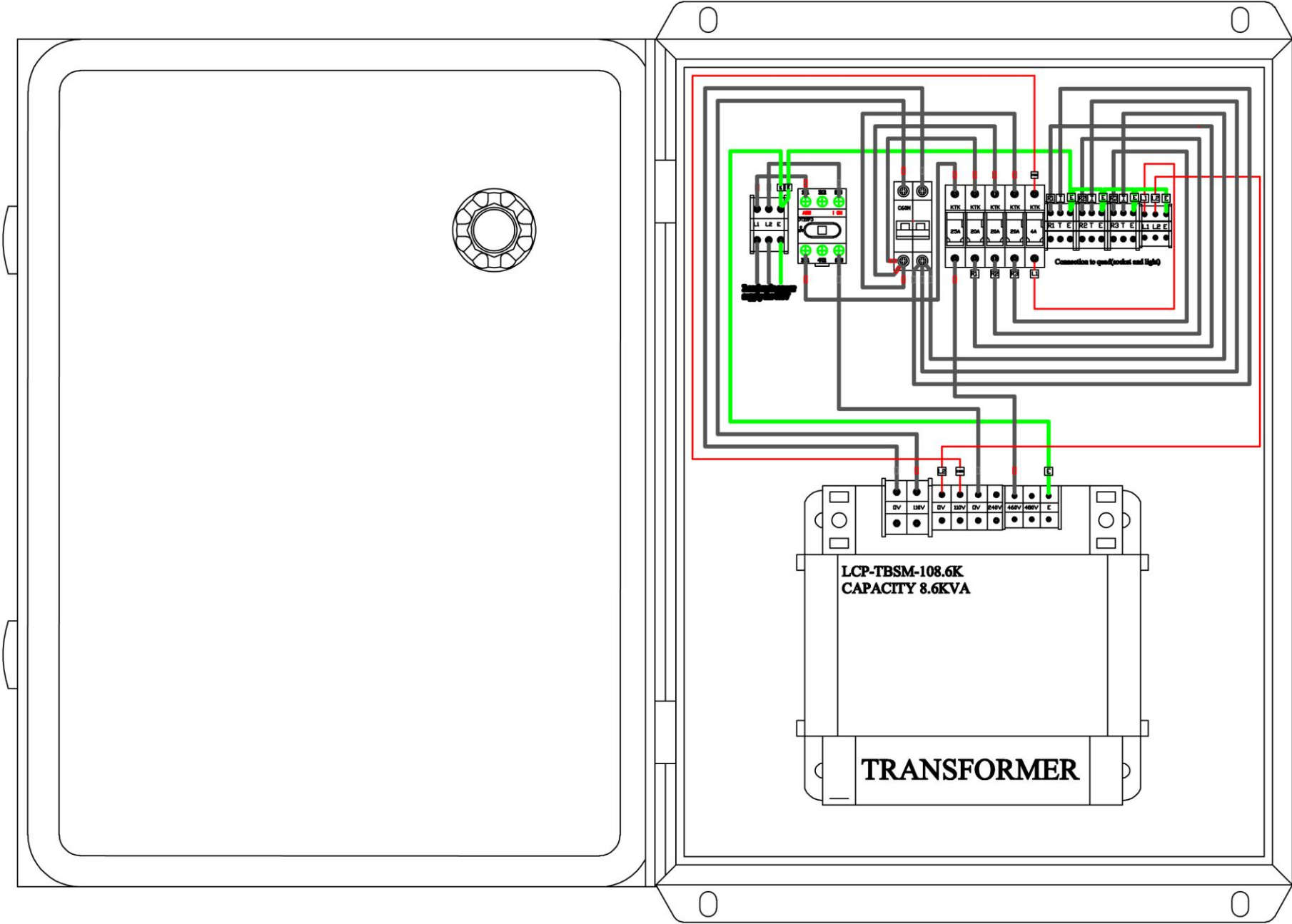


Main Electrical Components for EB-19'x18'x12' Control Box

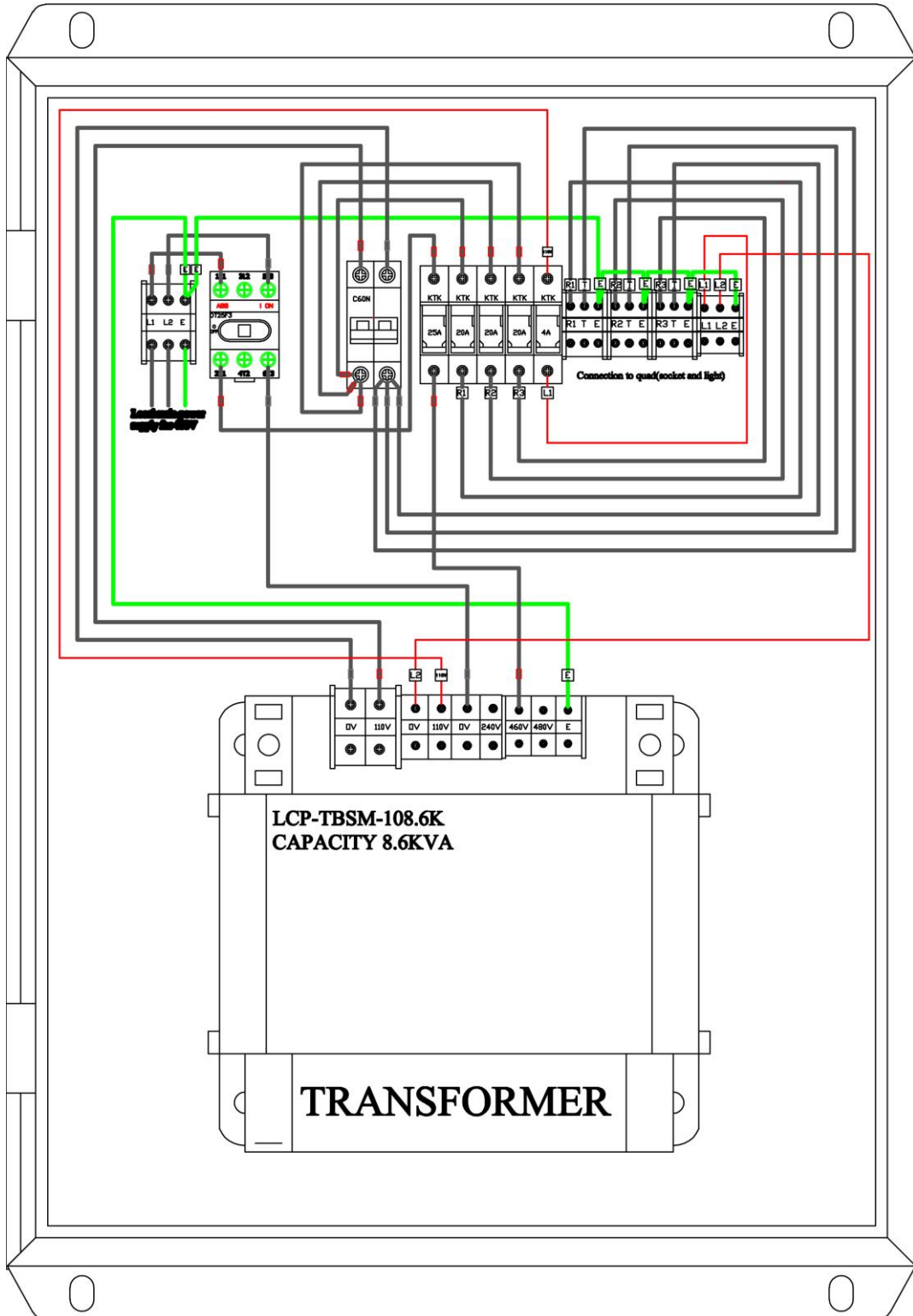


Main Electrical Wiring for EB-19'X18'X12' Control Box



Main Electrical Wiring for EB-19'X18'X12' Control Box

Part-A

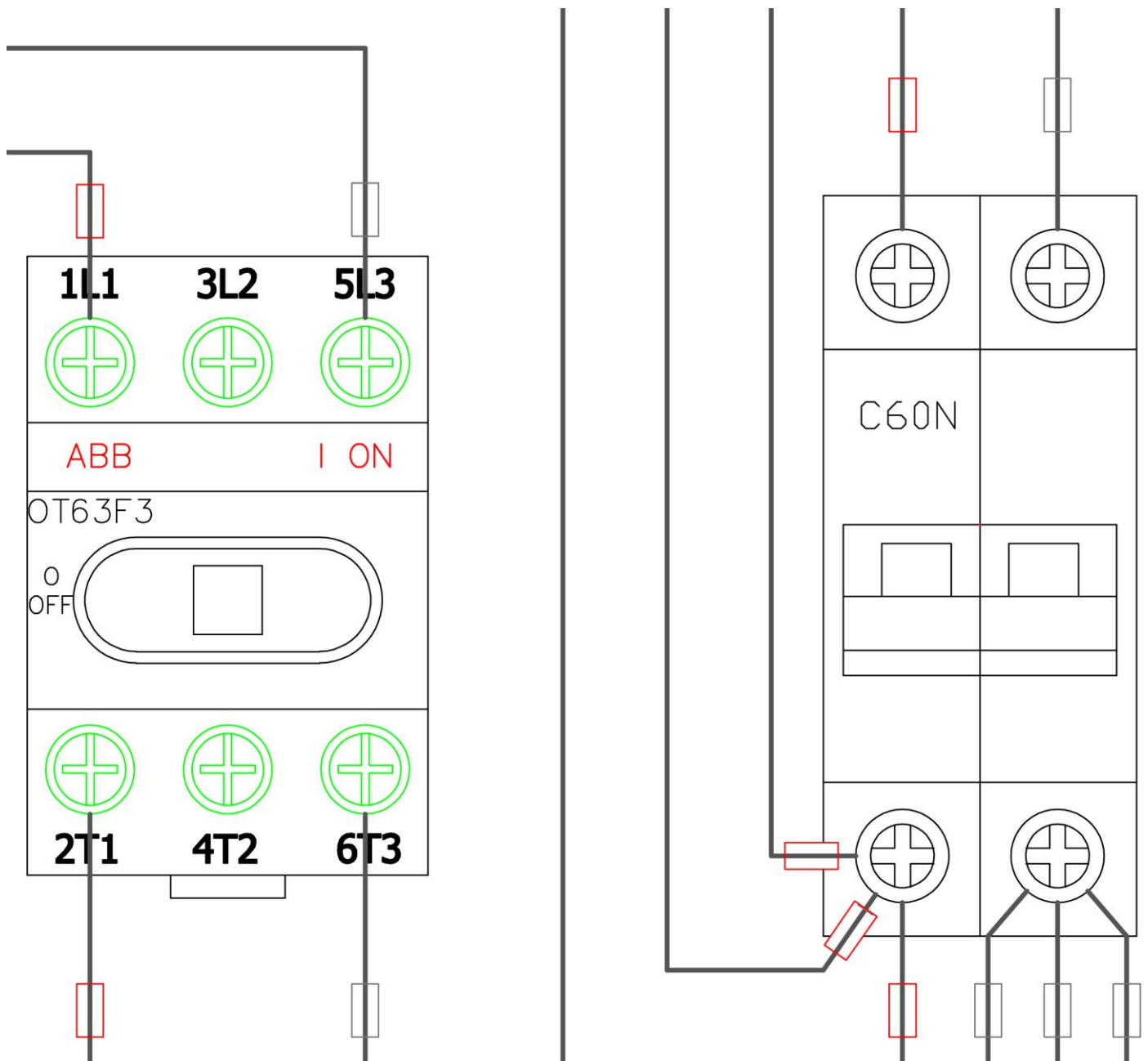


Main Electrical Wiring for EB-19'X18'X12' Control Box

Part-A-1 :

Panel disconnect switch.

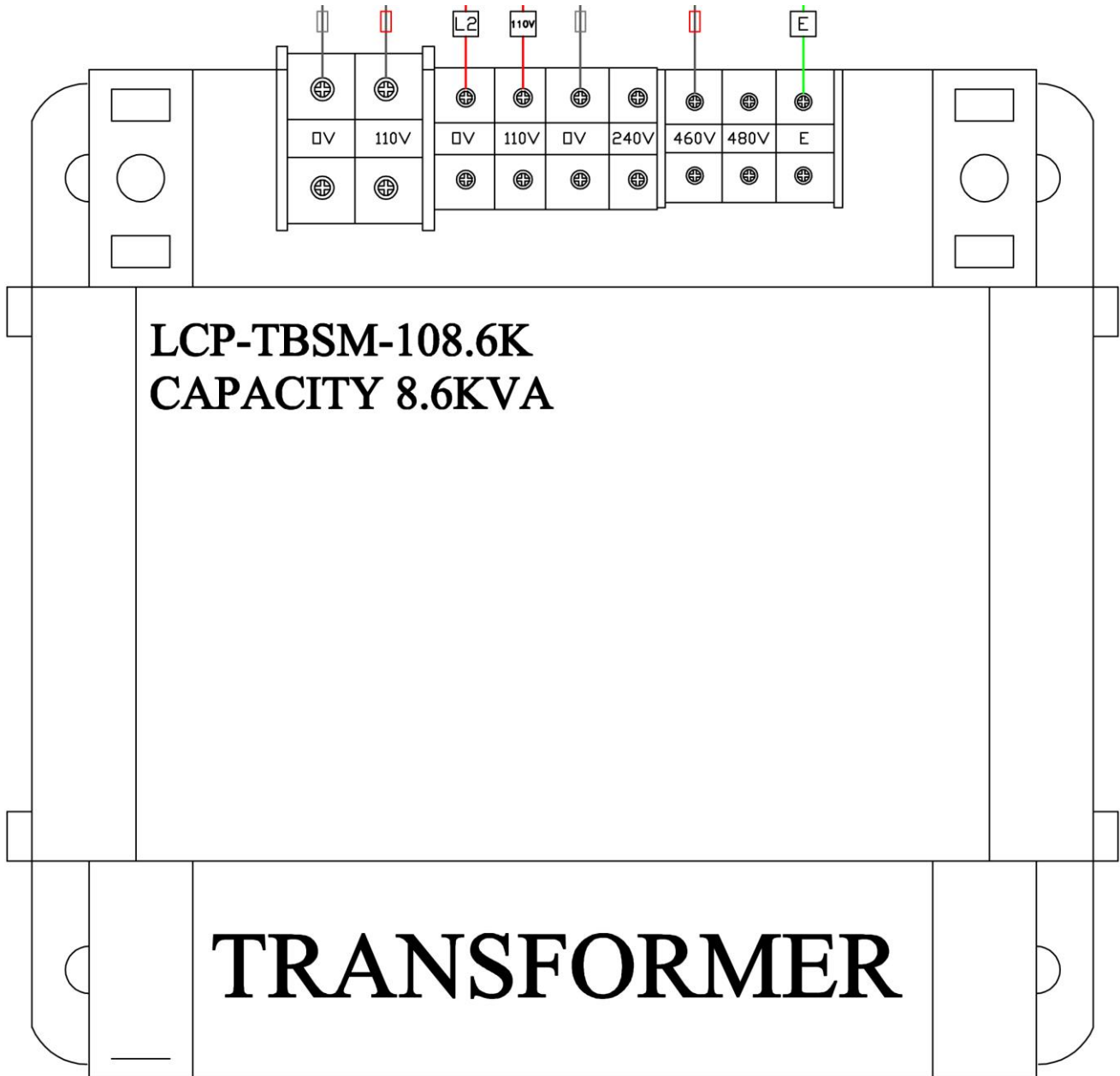
Circuit Breaker.



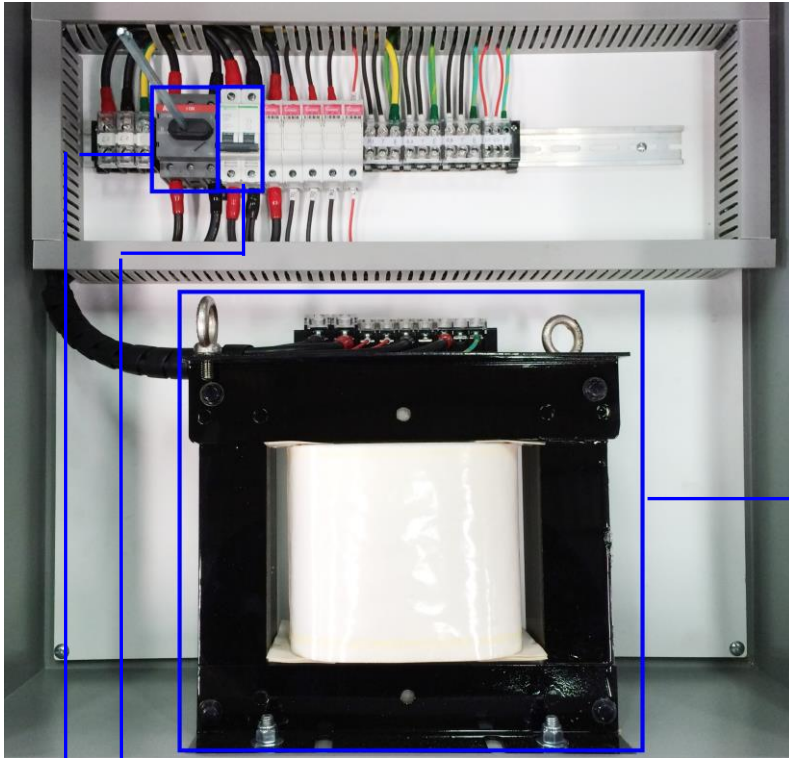
Main Electrical Wiring for EB-19'X18'X12' Control Box

Part-A-2 :

Transformer for 460V to 120V.



Main Electrical Components for EB-19'X18'X12' Control Box



◆ Transformer.



Part-A-2

◆ Panel disconnect switch.

◆ Circuit breaker.



Part-A-1

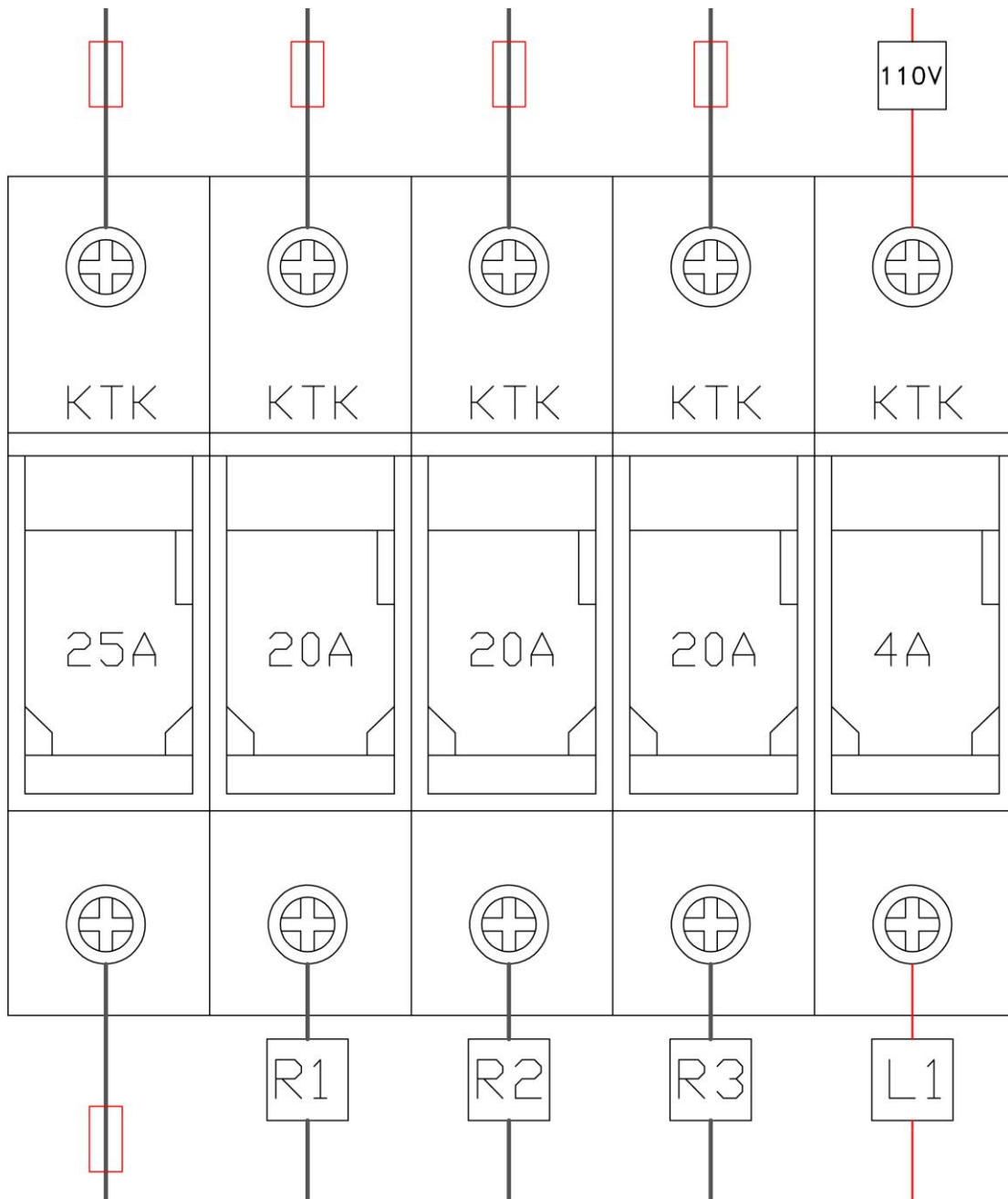


Part-A-1

Main Electrical Wiring for EB-19'X18'X12' Control Box

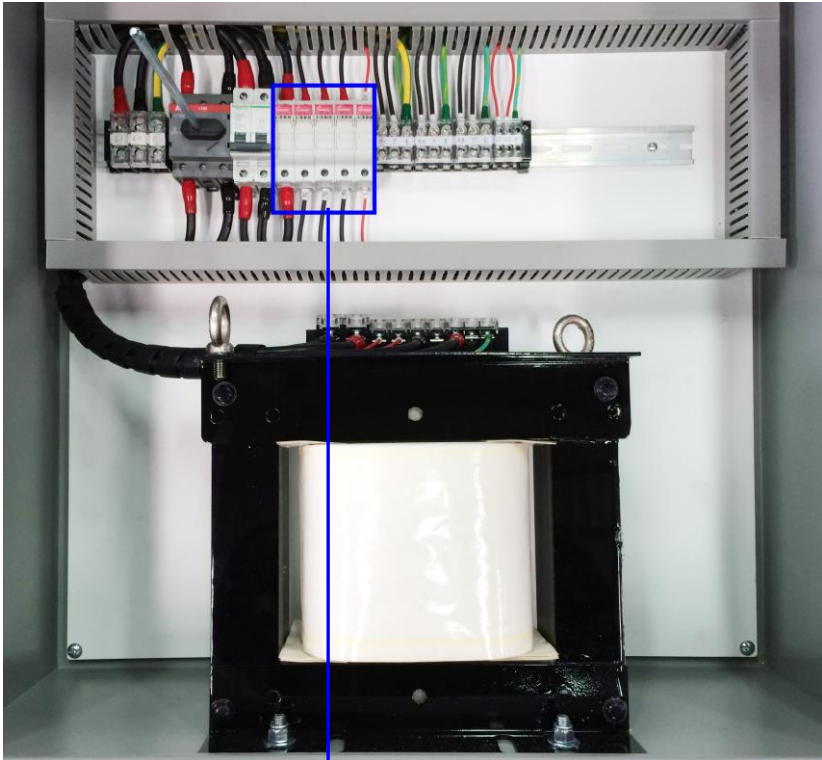
Part-A-3 :

Fuse bus.

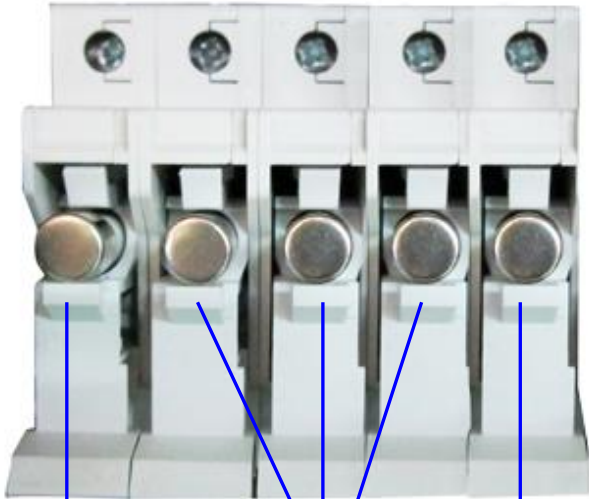


Main Electrical Components for EB-19'X18'X12' Control Box

Part-A-3



◆ Fuse Holder.



KTK-25



KTK-20

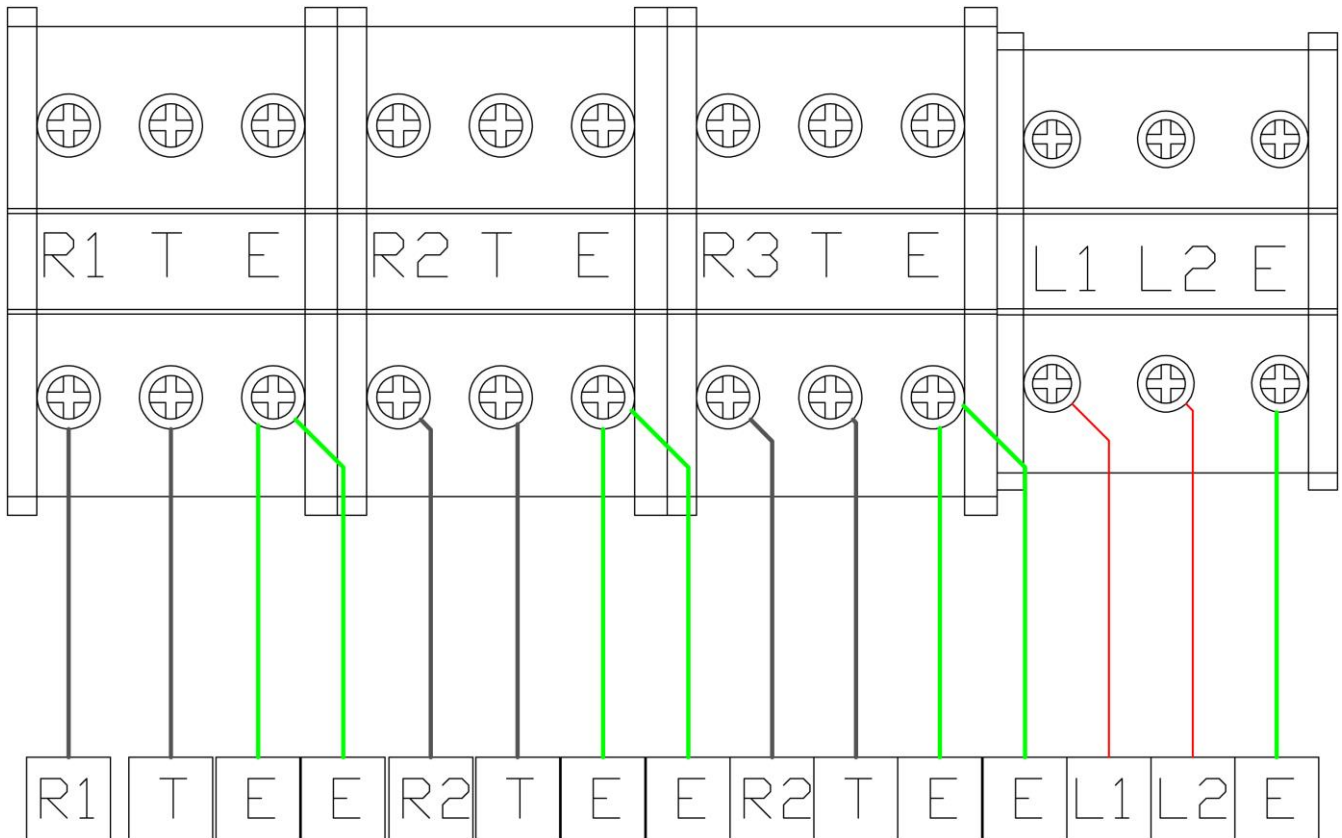


KTK-4

Main Electrical Wiring for EB-19'X18'X12' Control Box

Part-A-4 :

Connect to socket and light.

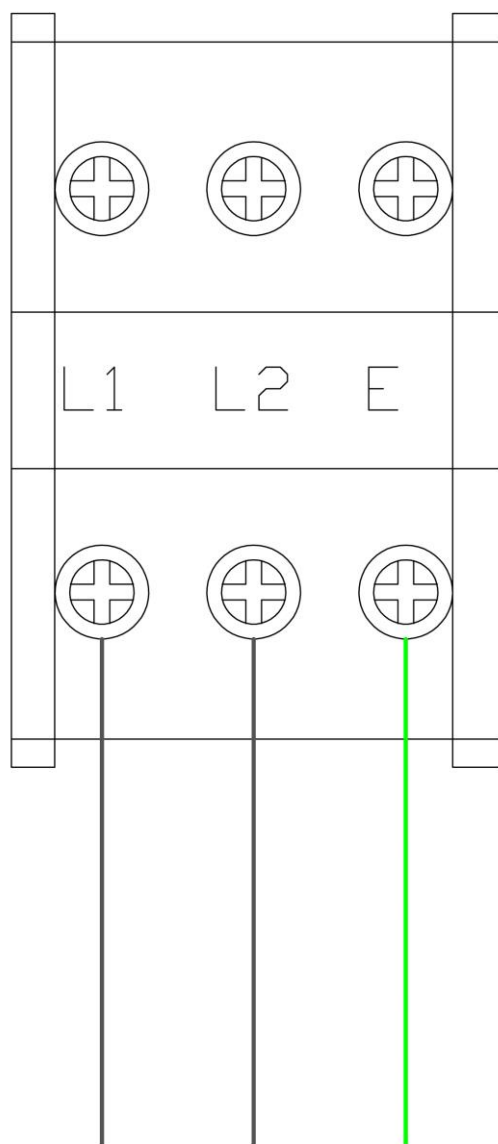


Connection to quad(socket and light)

Main Electrical Wiring for EB-19'X18'X12' Control Box

Part-A-5 :

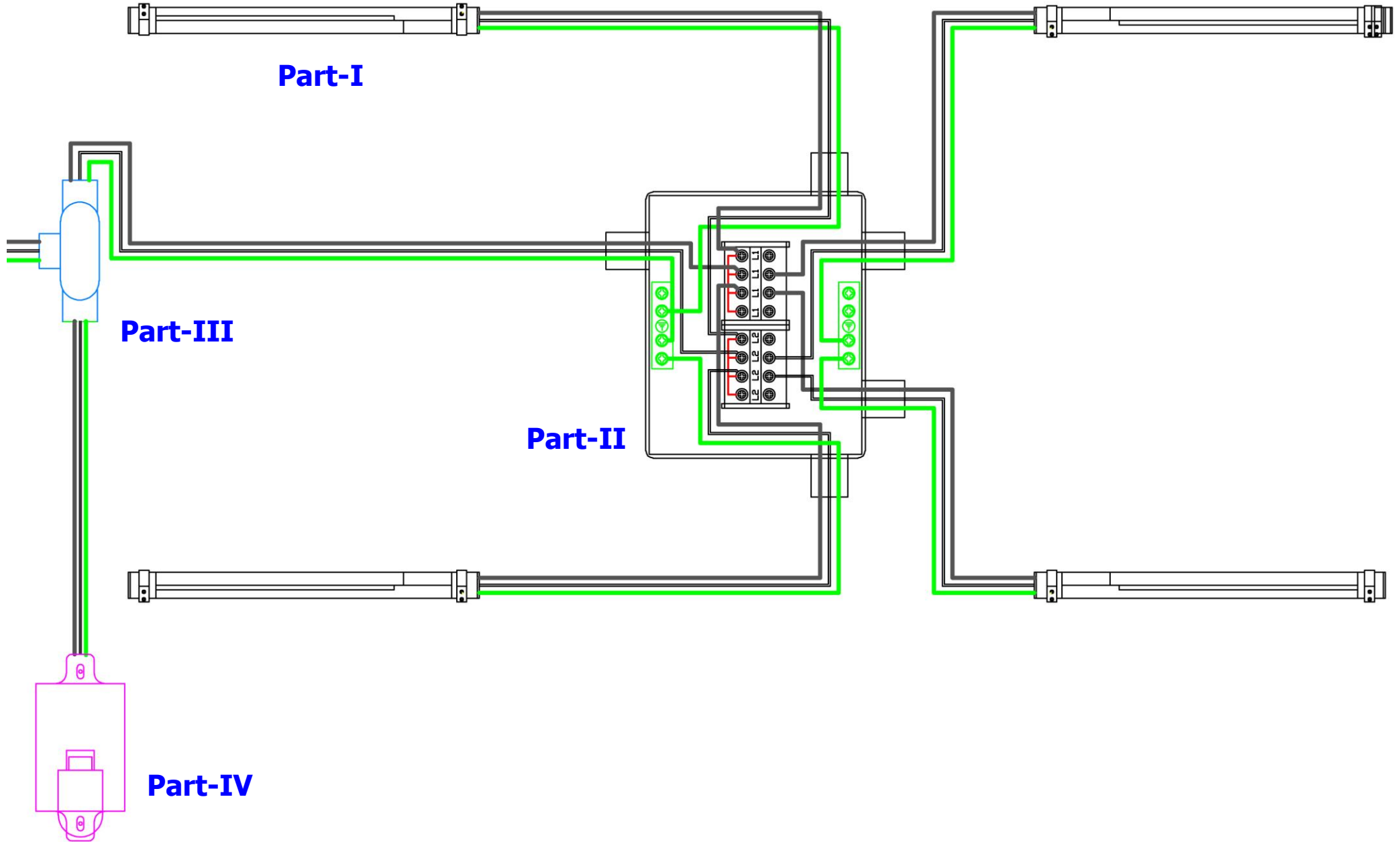
Connect to main power supply for 460V/60HZ/3-Phase



**Local main power
supply for 460V**

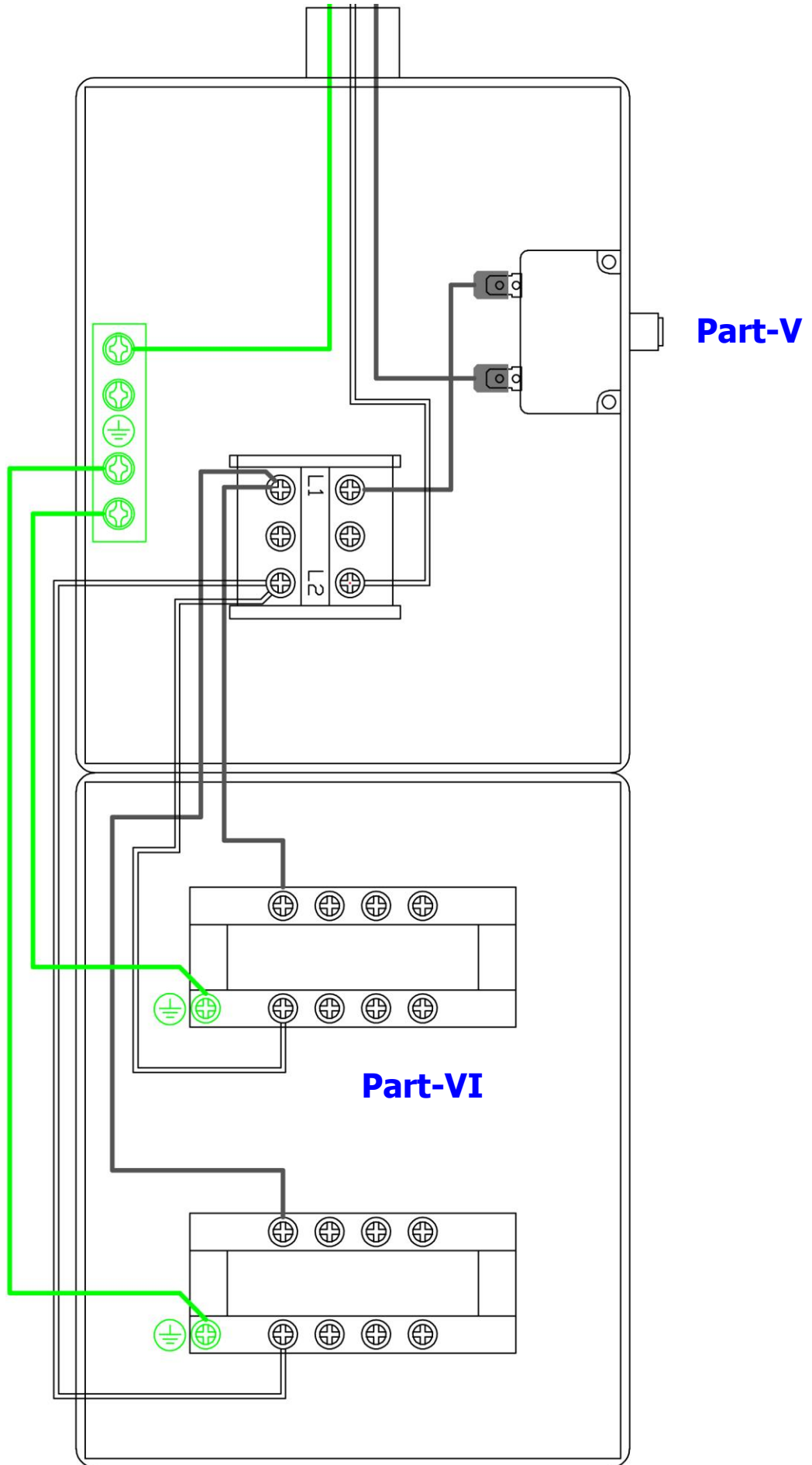
Part-B-1 :

Main Electrical Wiring for EB-19'X18'X12' (BL1)



Main Electrical Wiring for EB-19'X18'X12' (BL1)

Part-B-2 :

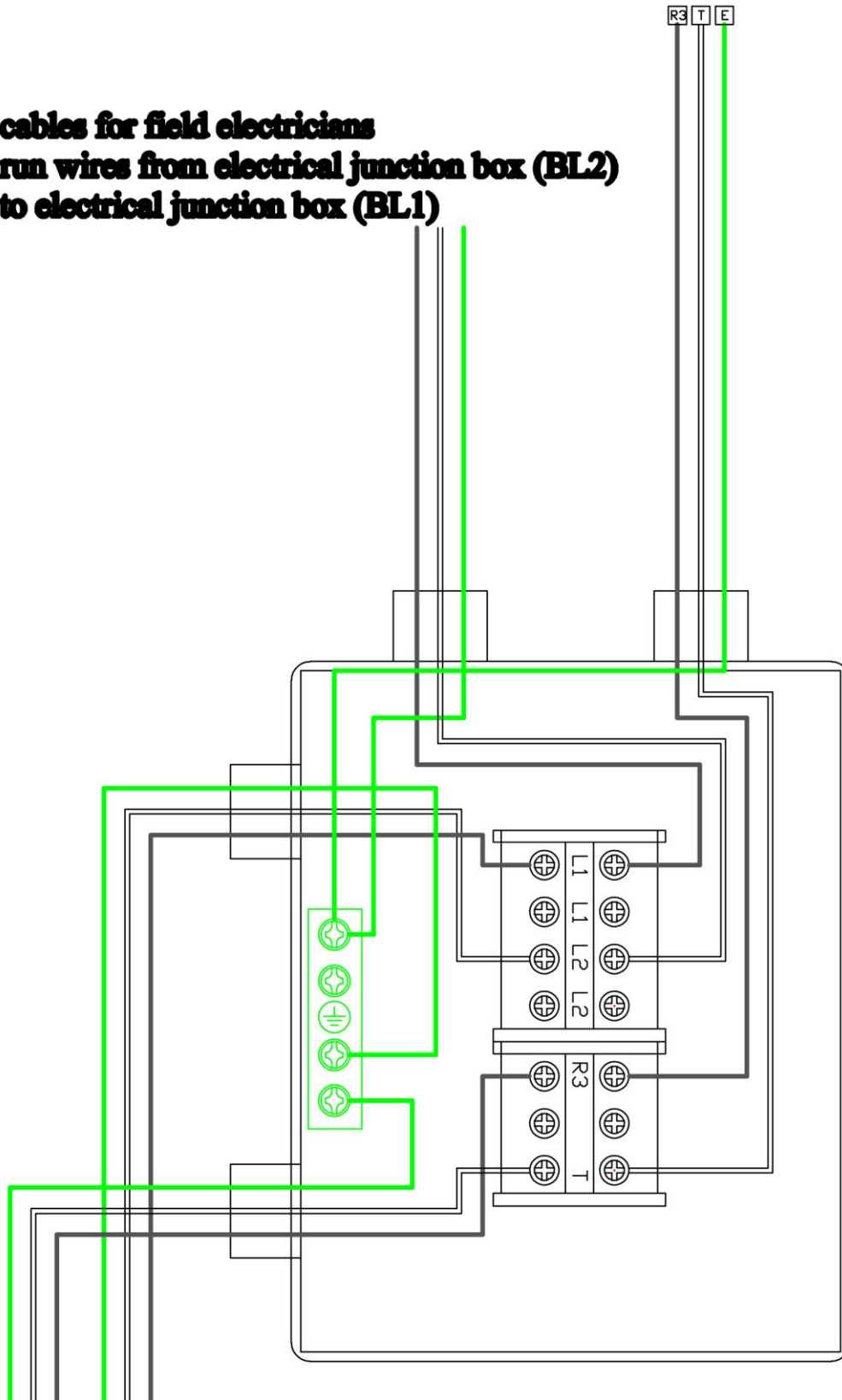


Main Electrical Wiring for EB-19'X18'X12' (BL1)

Part-B-3 :

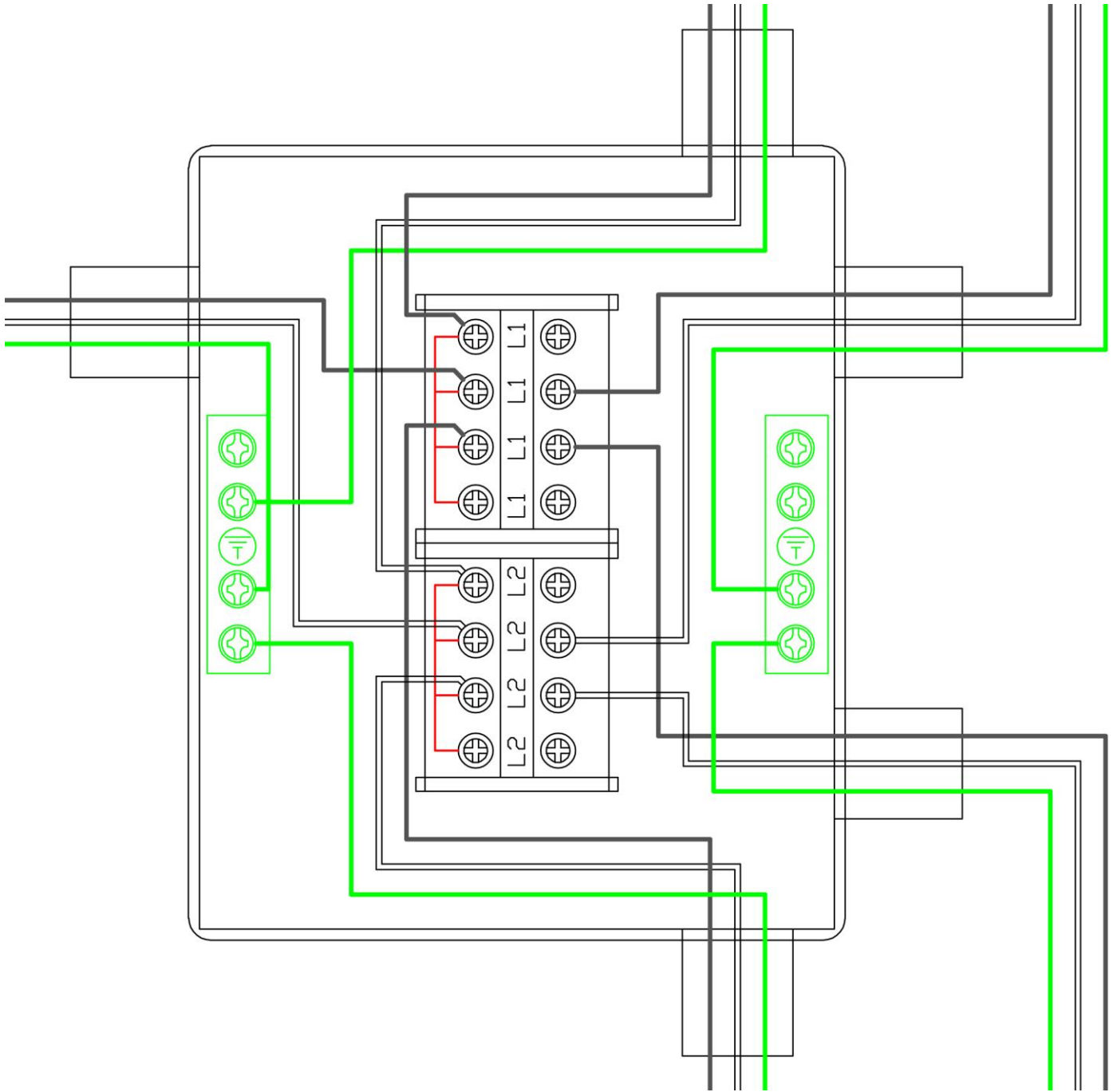
cables for field electricians run wires to control box (460V / 60Hz / 3-phase)

cables for field electricians run wires from electrical junction box (BL2) to electrical junction box (BL1)



Main Electrical Wiring for EB-19'X18'X12' (BL1)

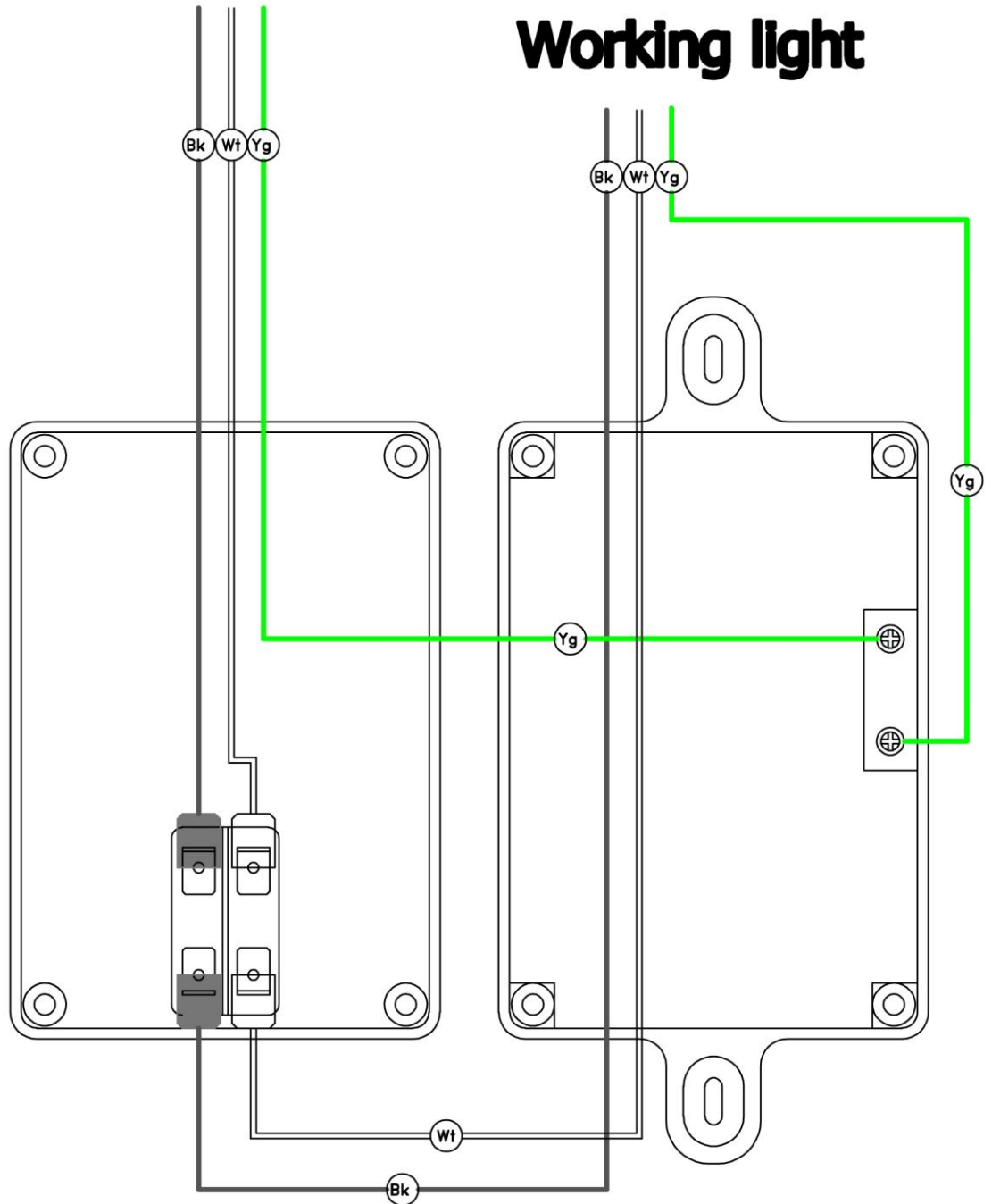
Part-II



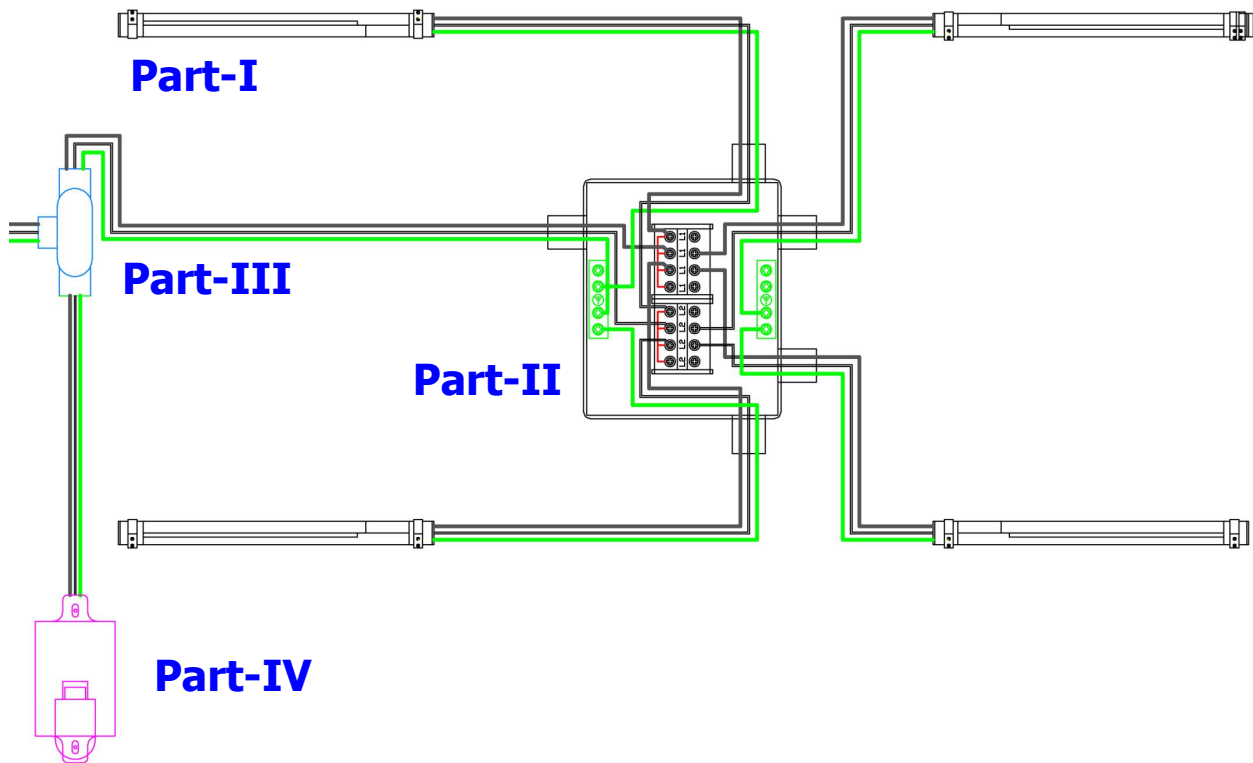
Main Electrical Wiring for EB-19'X18'X12' (BL1)

Part-IV

The cable of electrical junction box



Main Electrical Components for EB-19'X18'X12' (BL1)



◆ Part-I: Working light.



◆ Part-III: Conduit outlet box T type



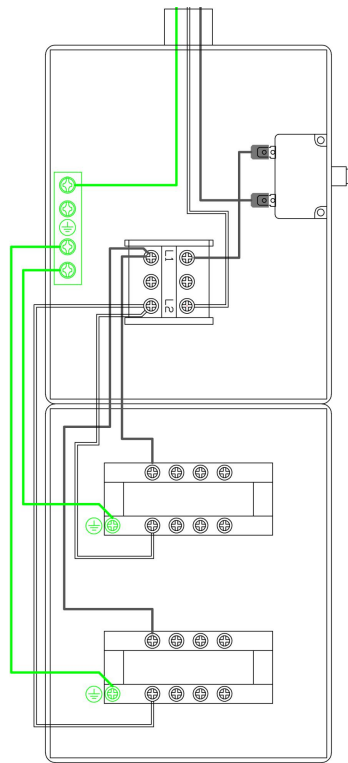
◆ Part-II: Electrical junction box



◆ Part-IV: Light switch



Main Electrical Components for EB-19'X18'X12' (BL1)



Part-V

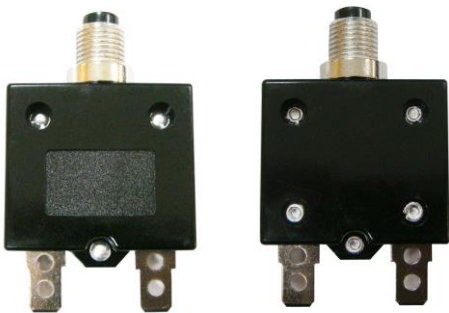
Part-VI

◆ Part-V: breaker

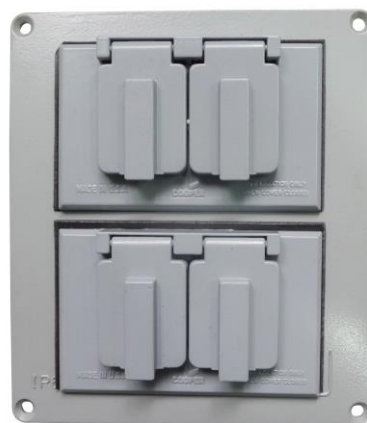
◆ Part-VI: 4-plugs socket switch



(Front)

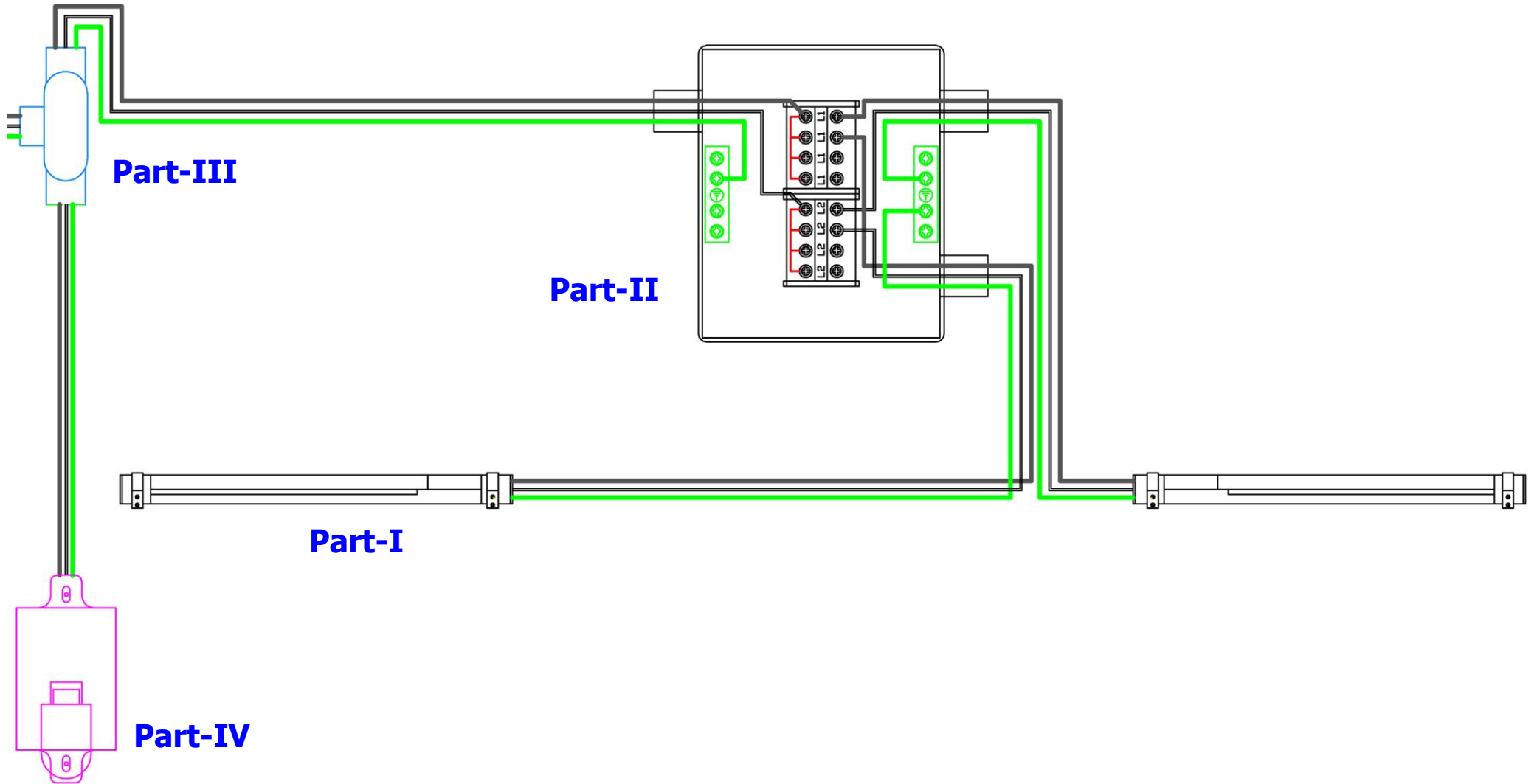


(Back)



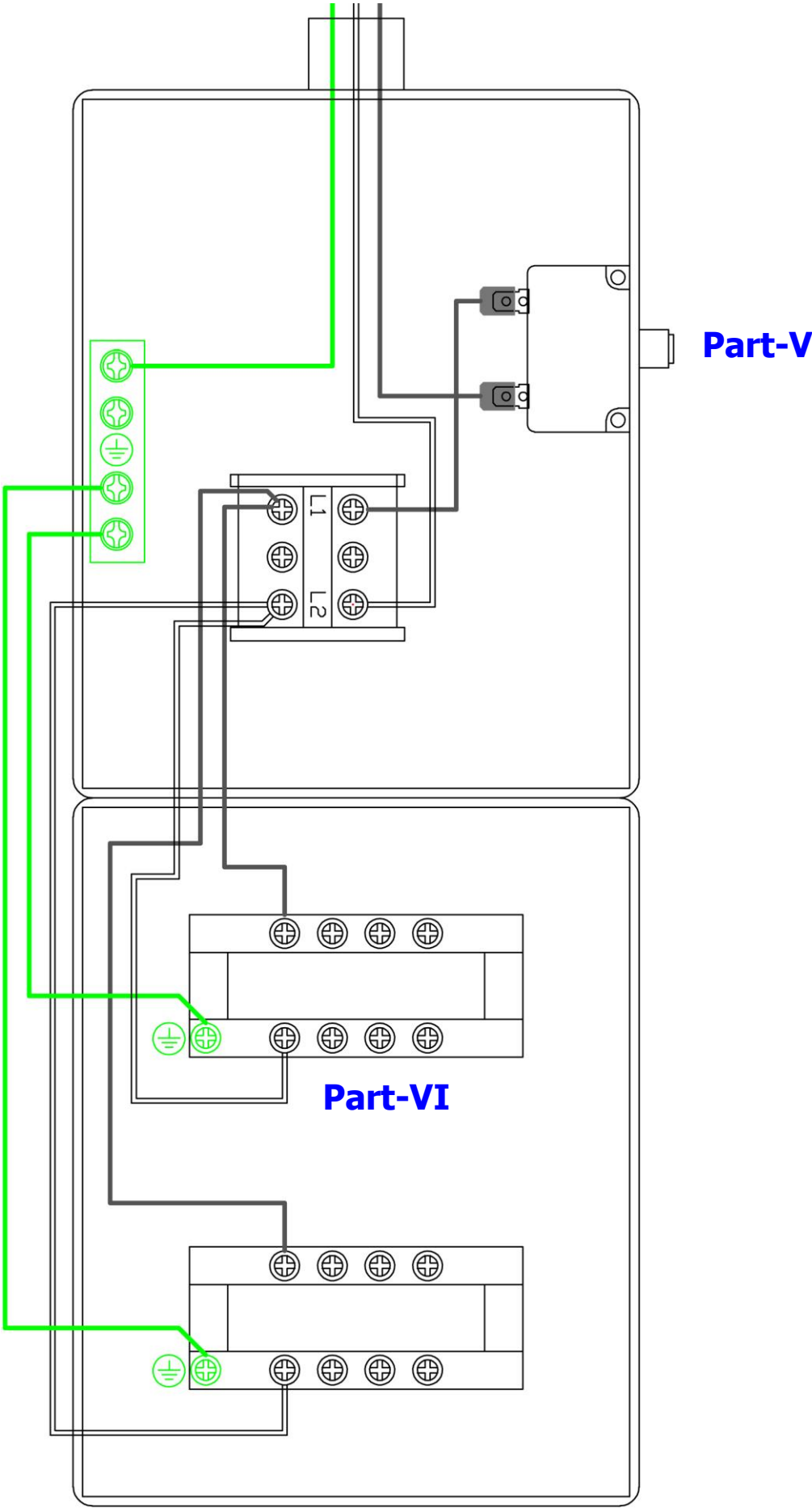
Main Electrical Wiring for EB-19'X18'X12' (BL2)

Part-C-1 :



Main Electrical Wiring for EB-19'X18'X12' (BL2)

Part-C-2 :

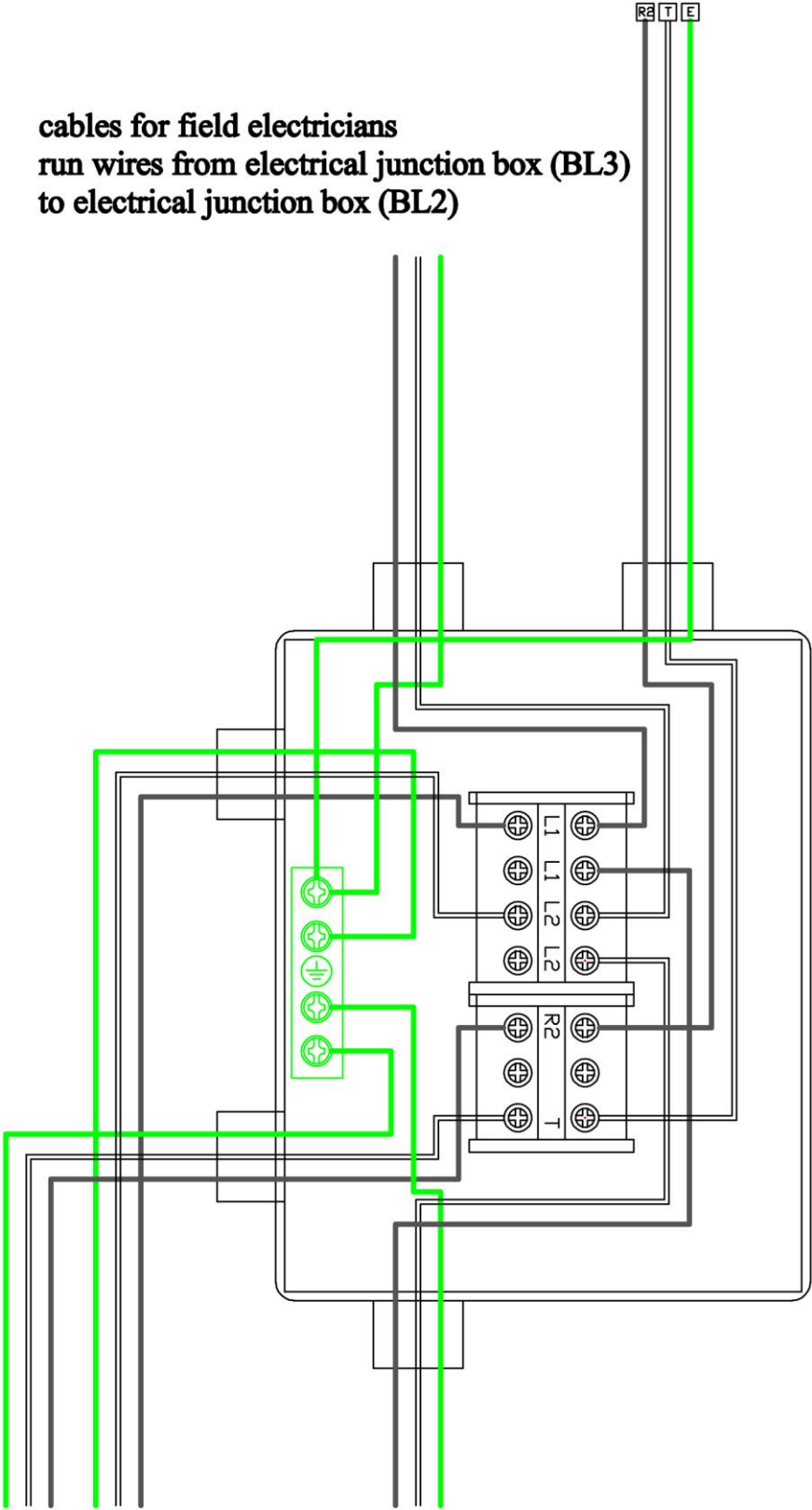


Main Electrical Wiring for EB-19'X18'X12' (BL2)

Part-C-3 :

cables for field electricians run wires to control box (460V / 60Hz / 3-phase)

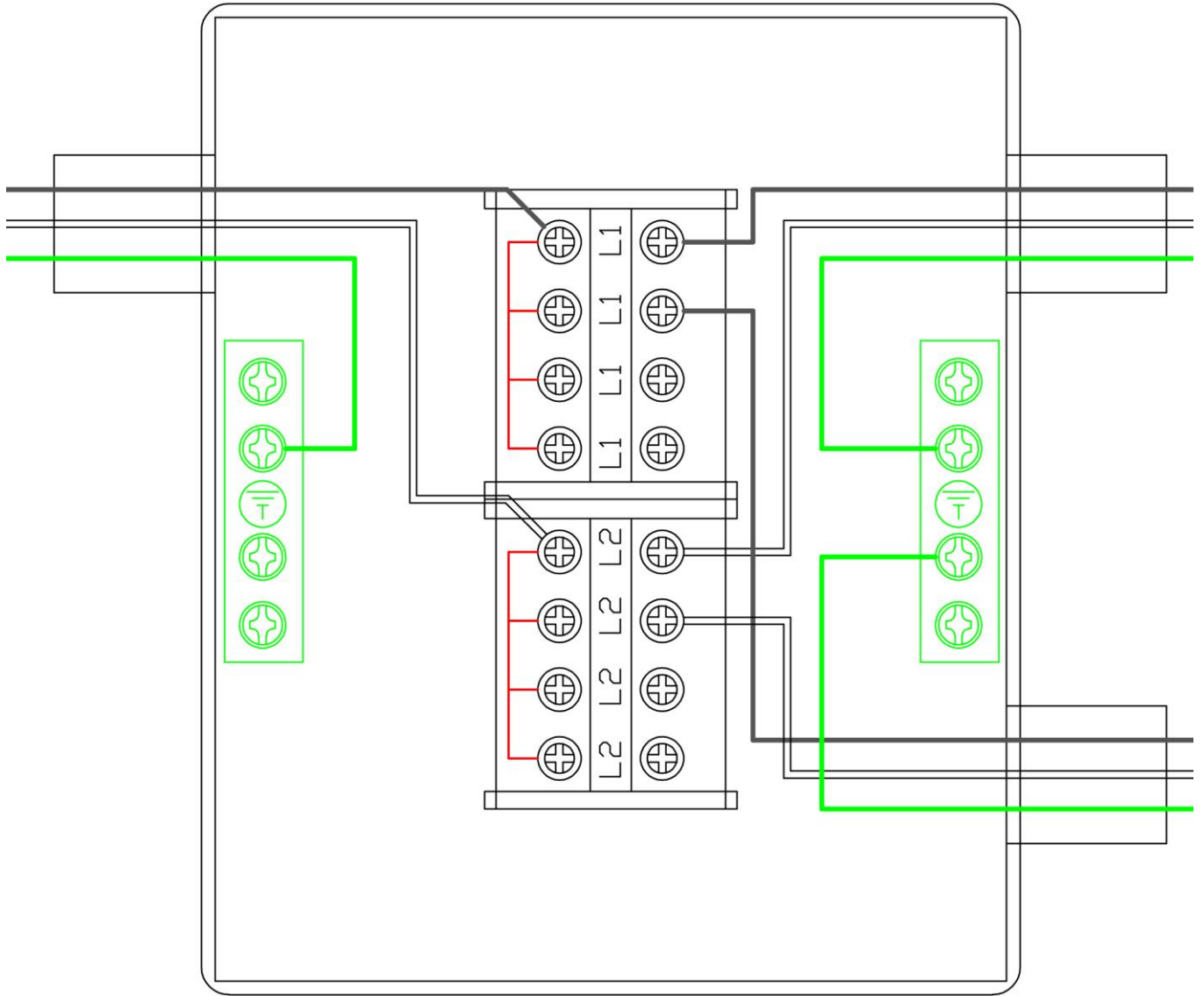
cables for field electricians run wires from electrical junction box (BL3) to electrical junction box (BL2)



cables for field electricians run wires from electrical junction box (BL2) to electrical junction box (BL1)

Main Electrical Wiring for EB-19'X18'X12' (BL2)

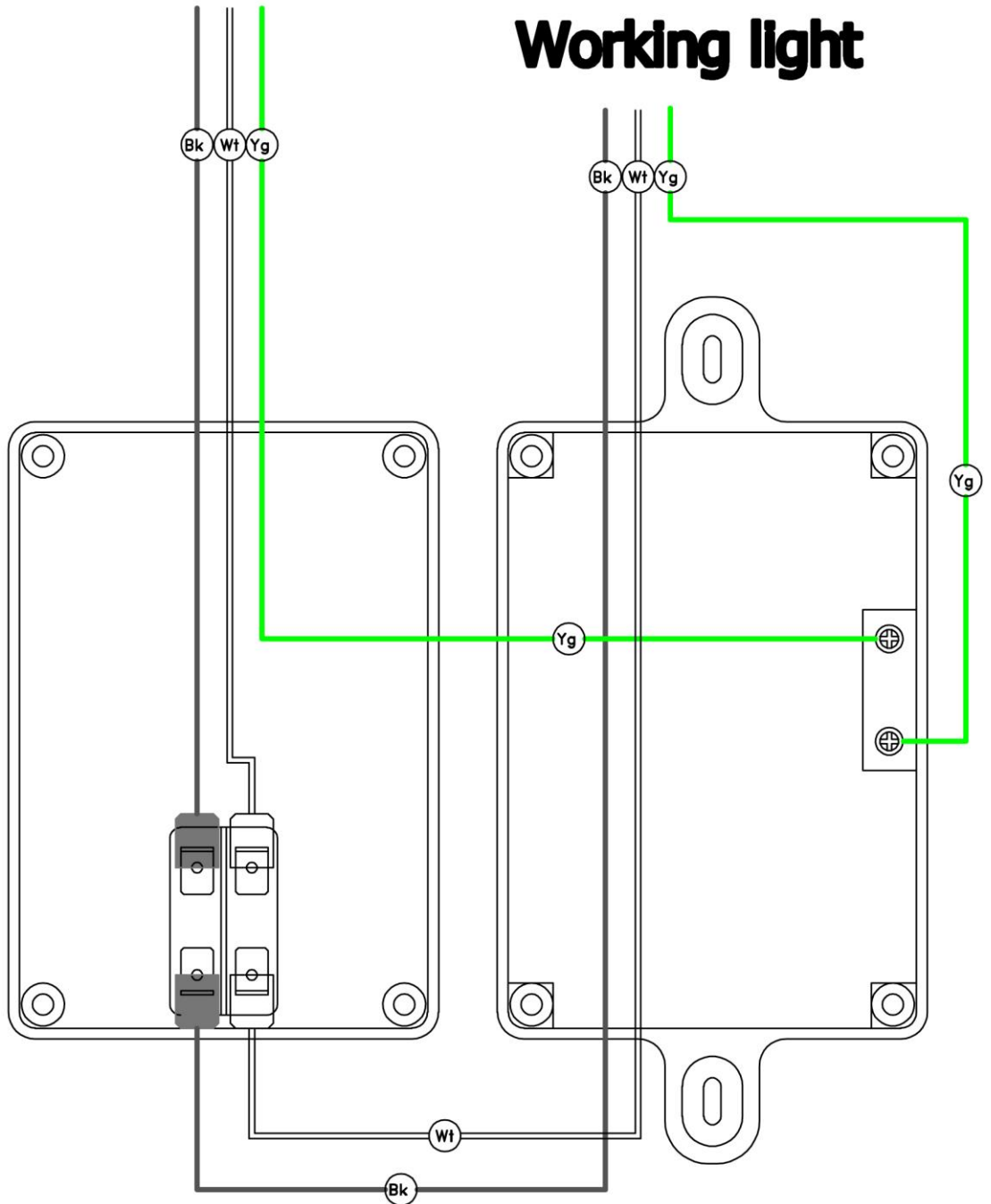
Part-II



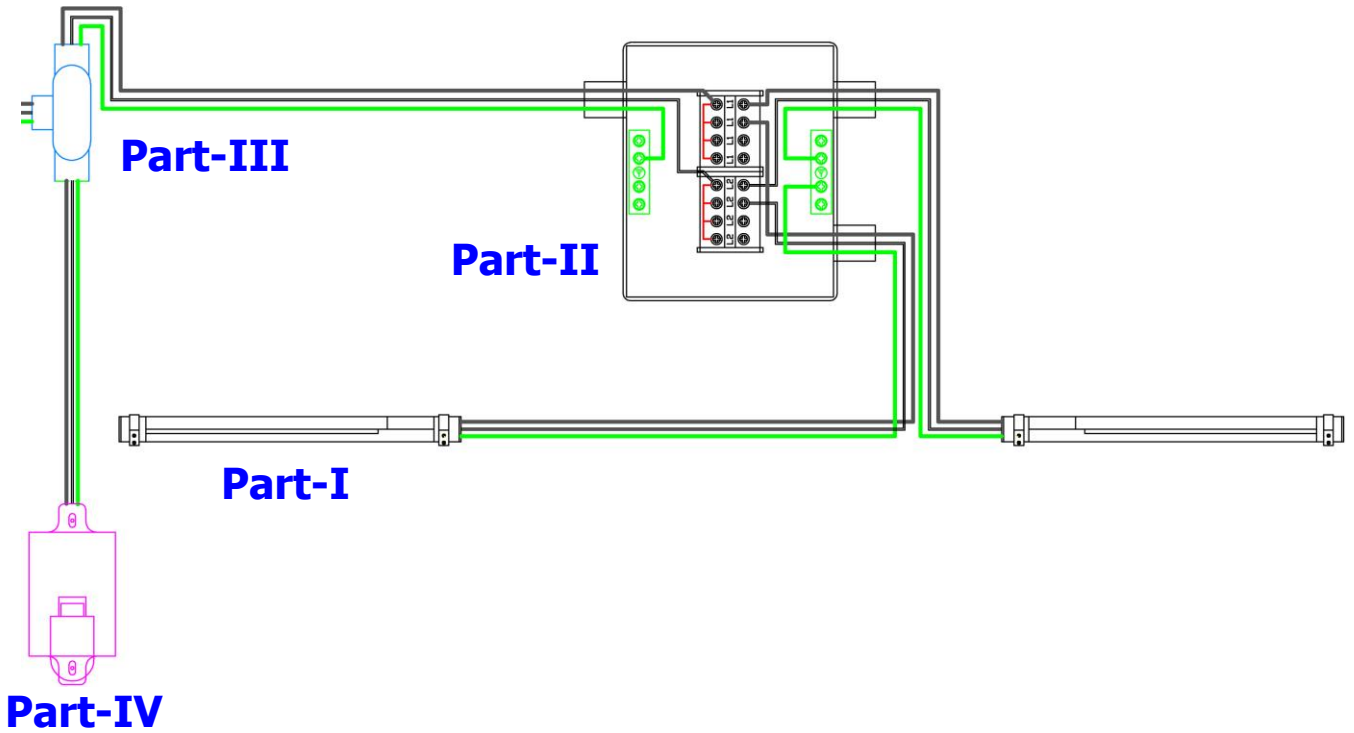
Main Electrical Wiring for EB-19'X18'X12' (BL2)

Part-IV

The cable of electrical junction box



Main Electrical Components for EB-19'X18'X12' (BL2)



◆ Part-I: Working light.



◆ Part-III: Conduit outlet box T type



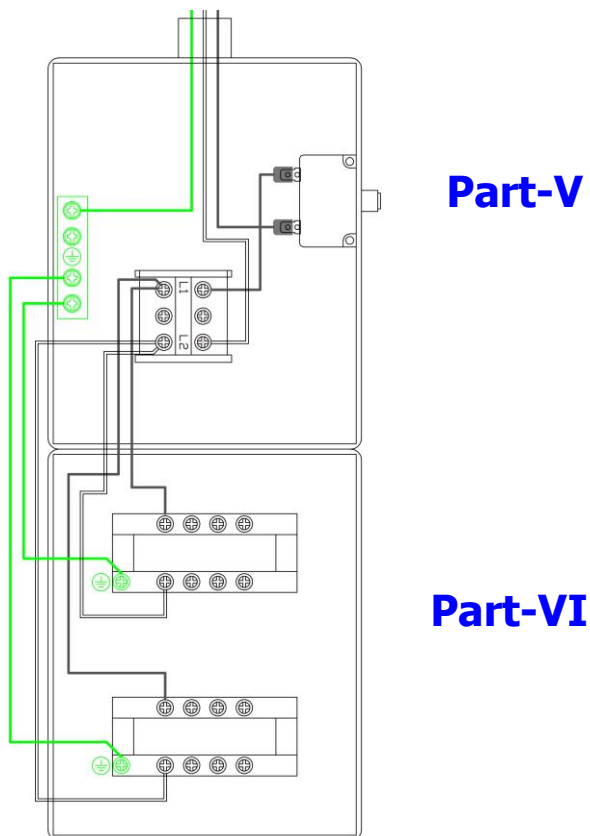
◆ Part-II: Electrical junction box



◆ Part-IV: Light switch



Main Electrical Components for EB-19'X18'X12' (BL2)

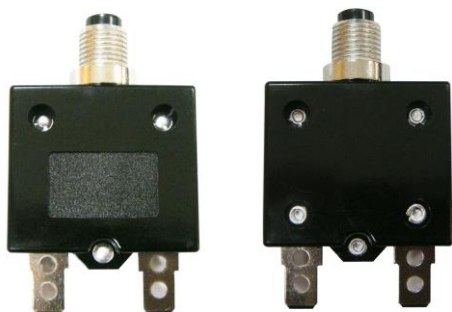


◆ Part-V: breaker

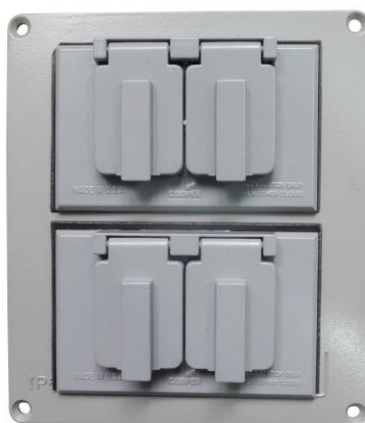
◆ Part-VI: 4-plugs socket switch



(Front)

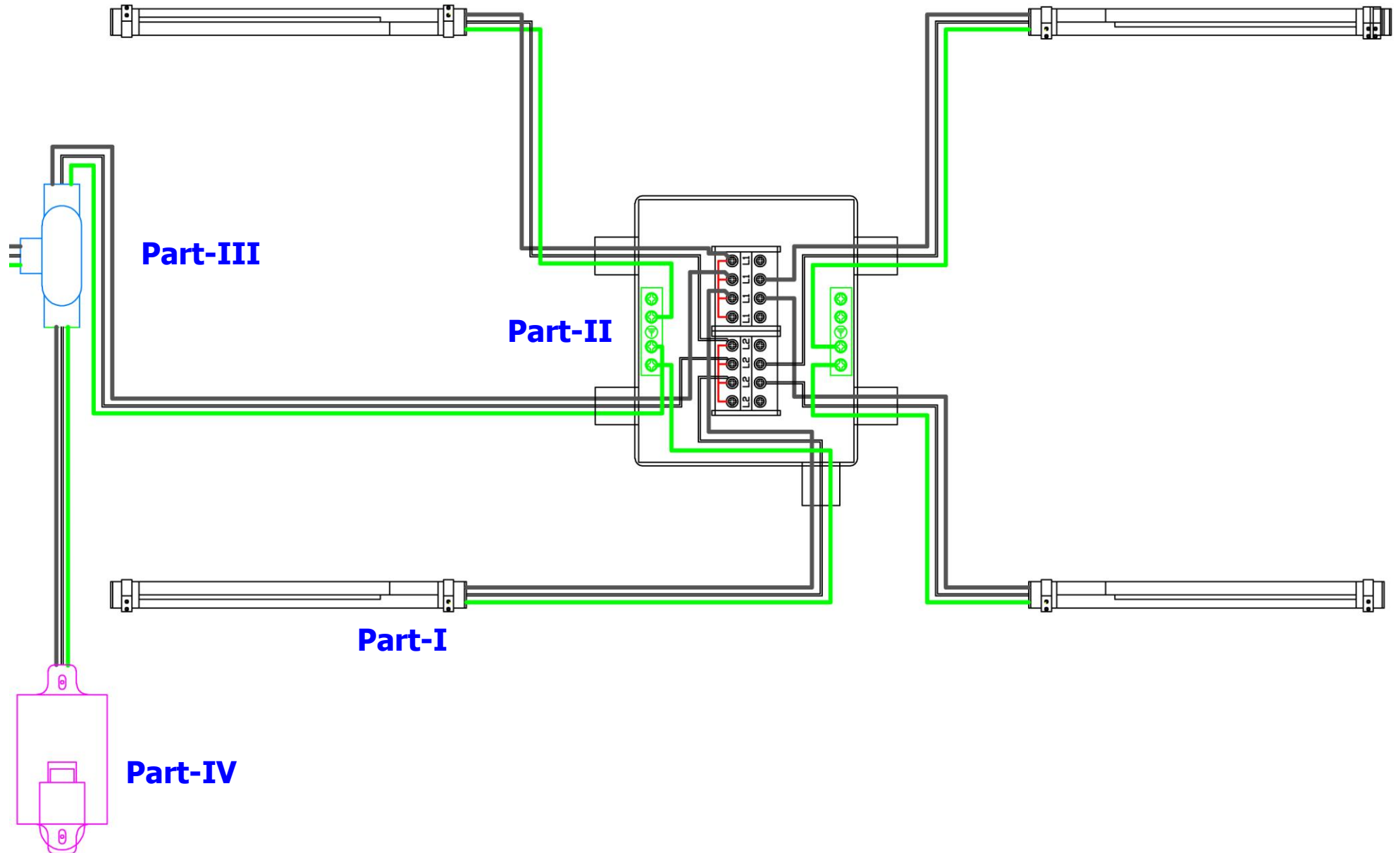


(Back)



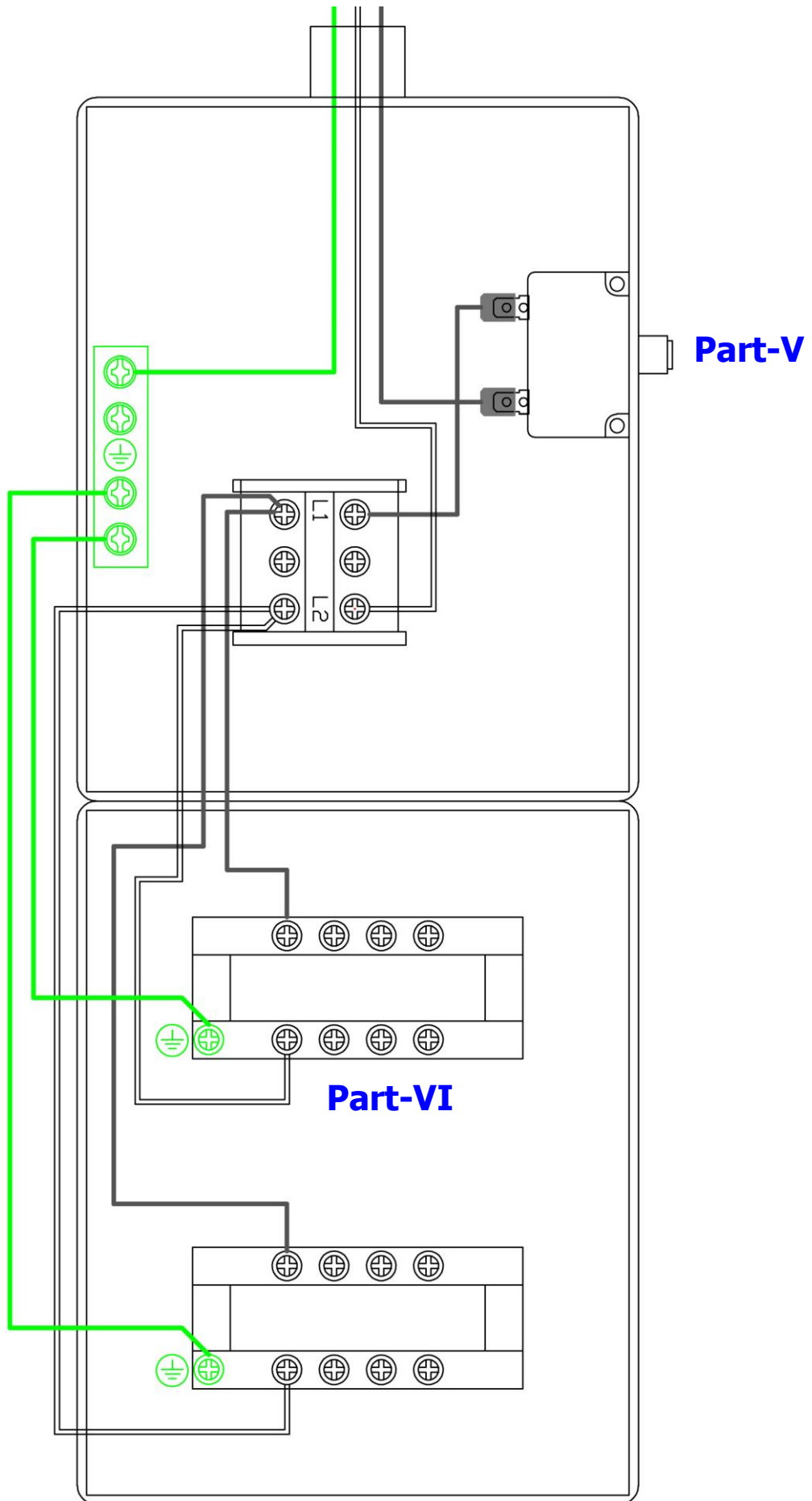
Main Electrical Wiring for EB-19'X18'X12' (BL3)

Part-D-1 :



Main Electrical Wiring for EB-19'X18'X12' (BL3)

Part-D-2 :

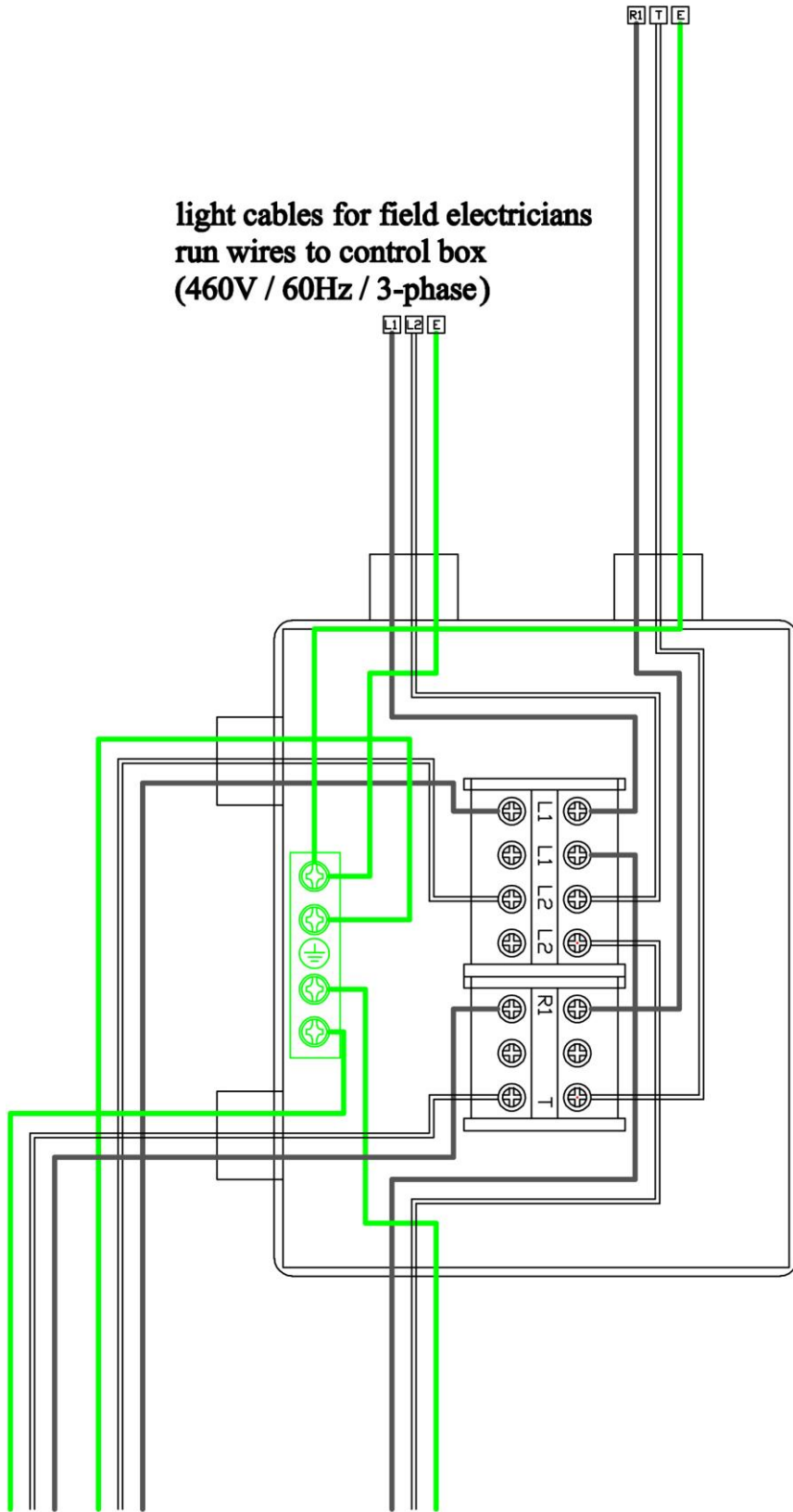


Main Electrical Wiring for EB-19'X18'X12' (BL3)

Part-D-3 :

cables for field electricians run wires to control box (460V / 60Hz / 3-phase)

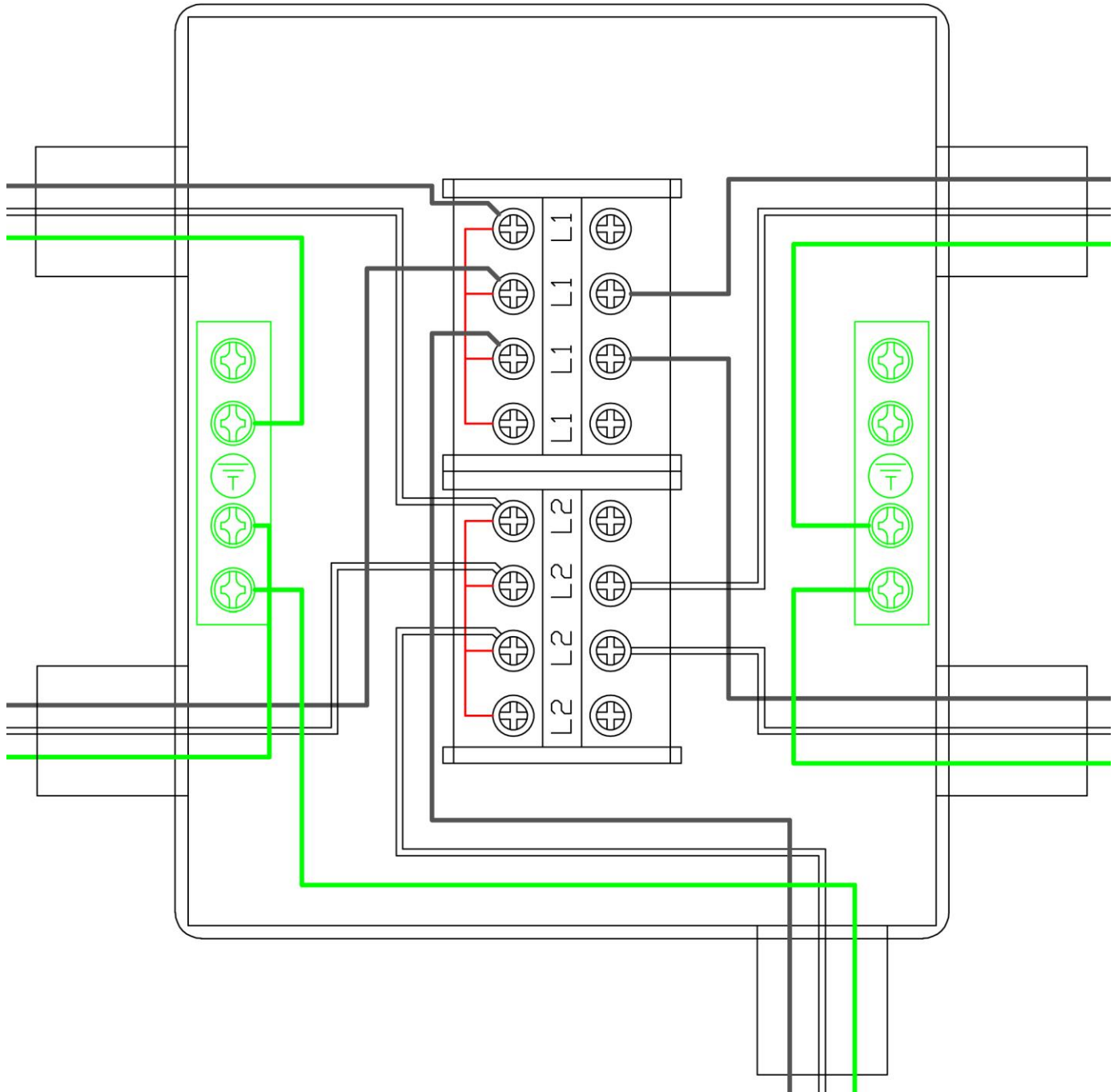
light cables for field electricians run wires to control box (460V / 60Hz / 3-phase)



cables for field electricians run wires from electrical junction box (BL3) to electrical junction box (BL2)

Main Electrical Wiring for EB-19'X18'X12' (BL3)

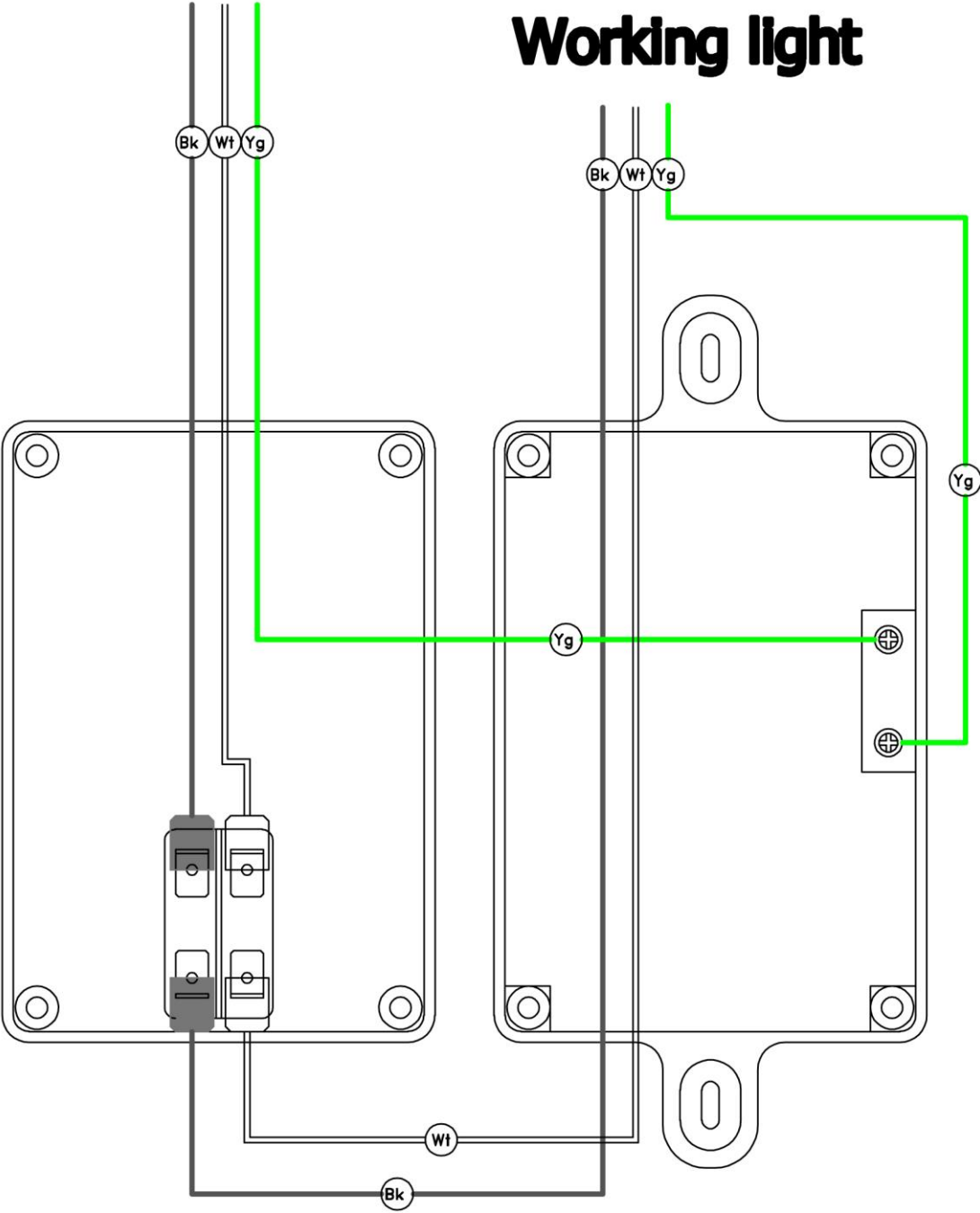
Part-II



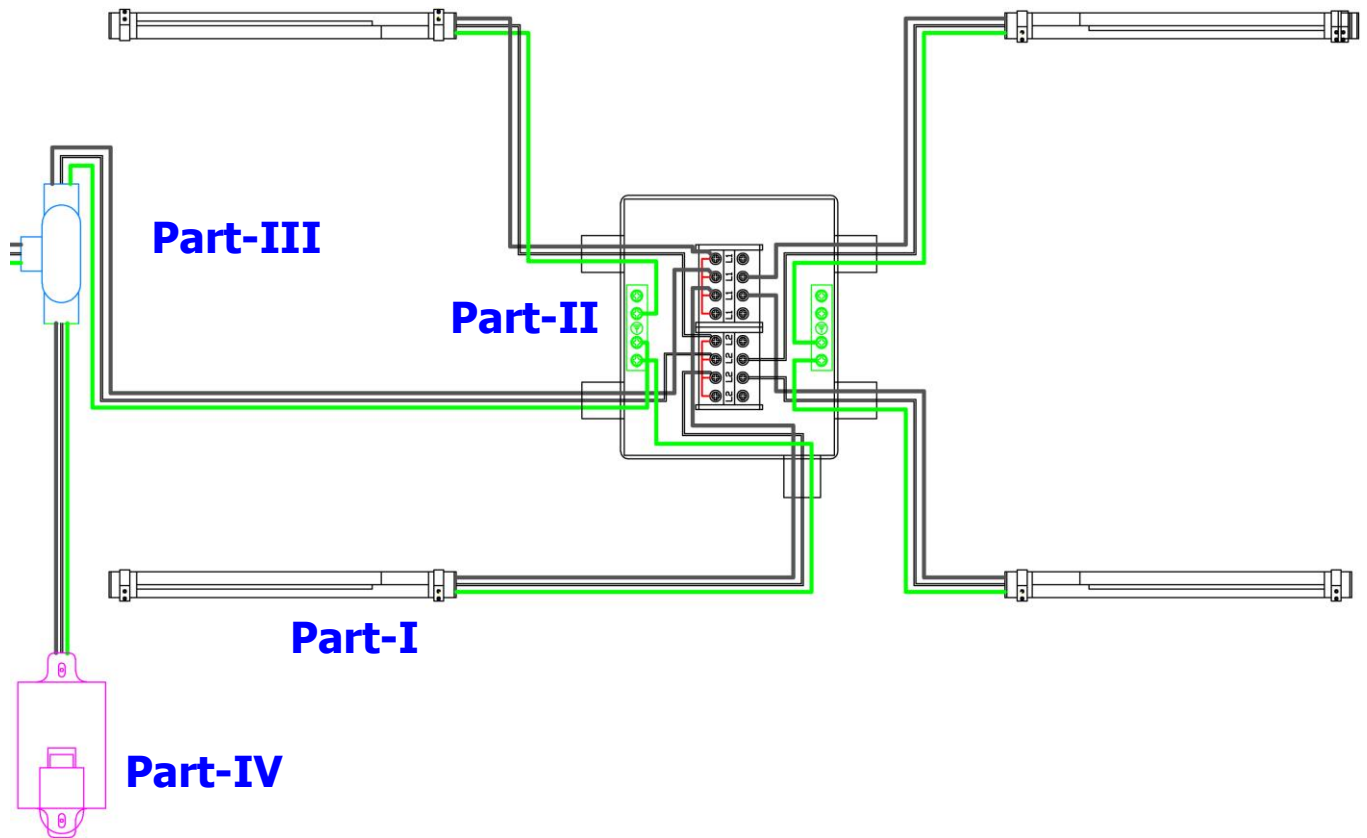
Main Electrical Wiring for EB-19'X18'X12' (BL3)

Part-IV

The cable of electrical junction box



Main Electrical Components for EB-19'X18'X12' (BL3)



◆ Part-I: Working light.

◆ Part-III: Conduit outlet box T type

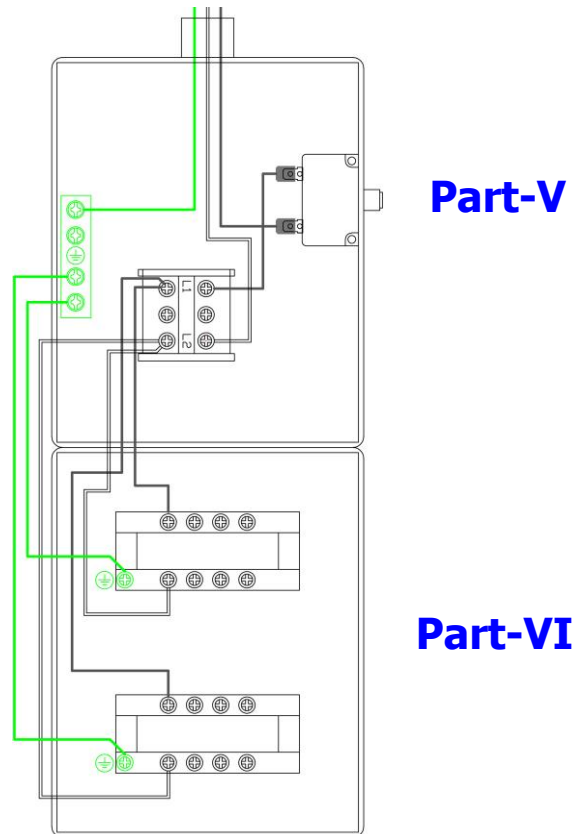


◆ Part-II: Electrical junction box

◆ Part-IV: Light switch



Main Electrical Components for EB-19'X18'X12' (BL3)

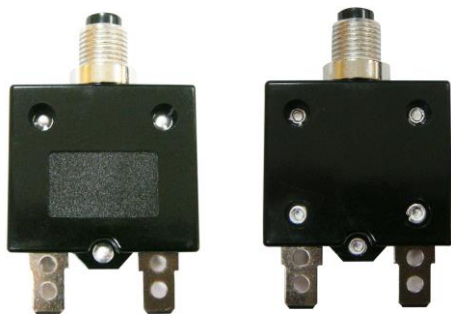
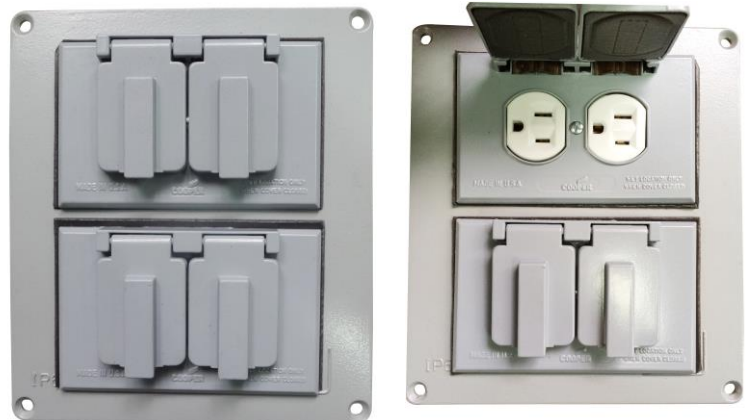


◆ Part-V: breaker

◆ Part-VI: 4-plugs socket switch



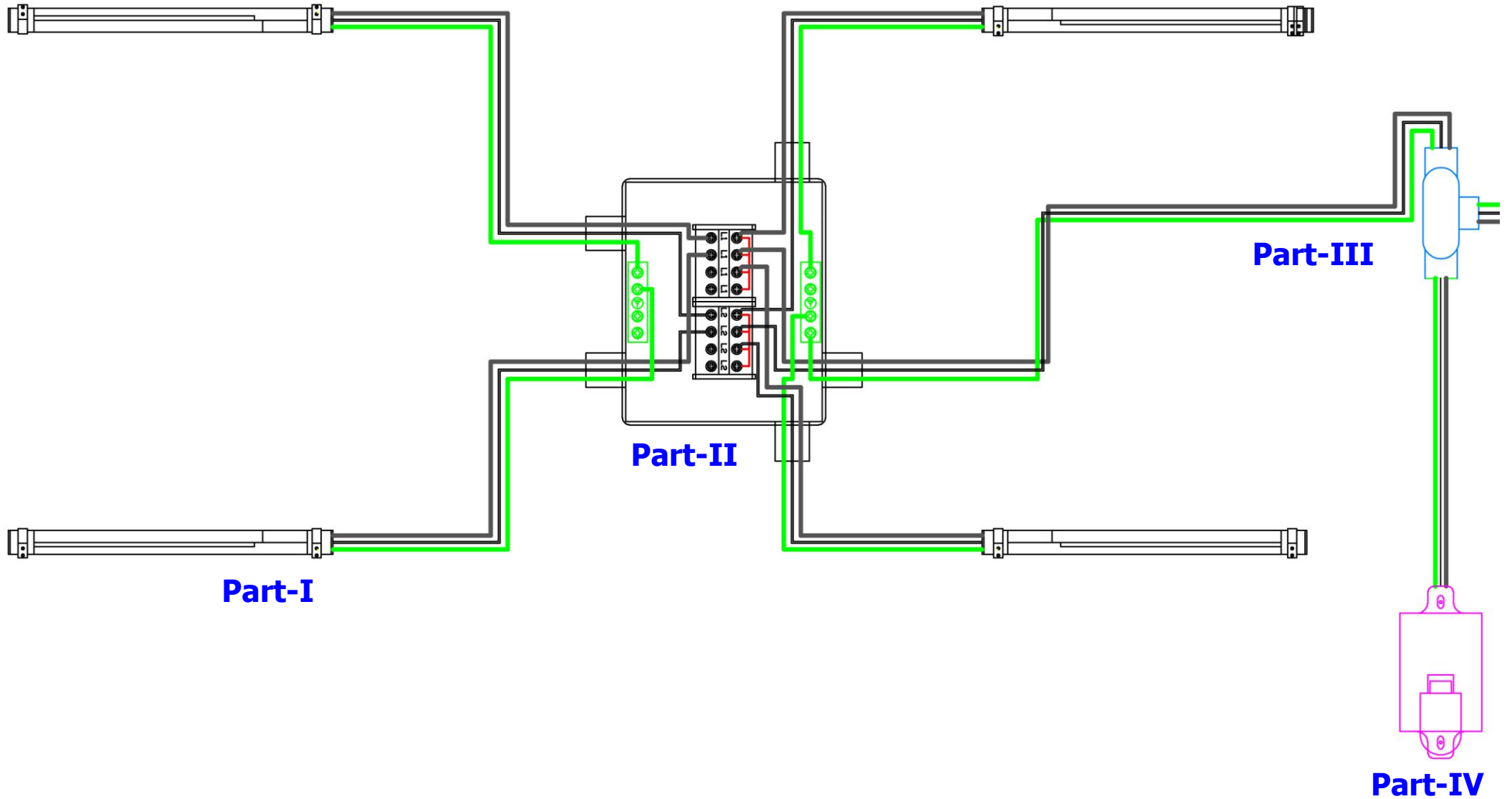
(Front)



(Back)

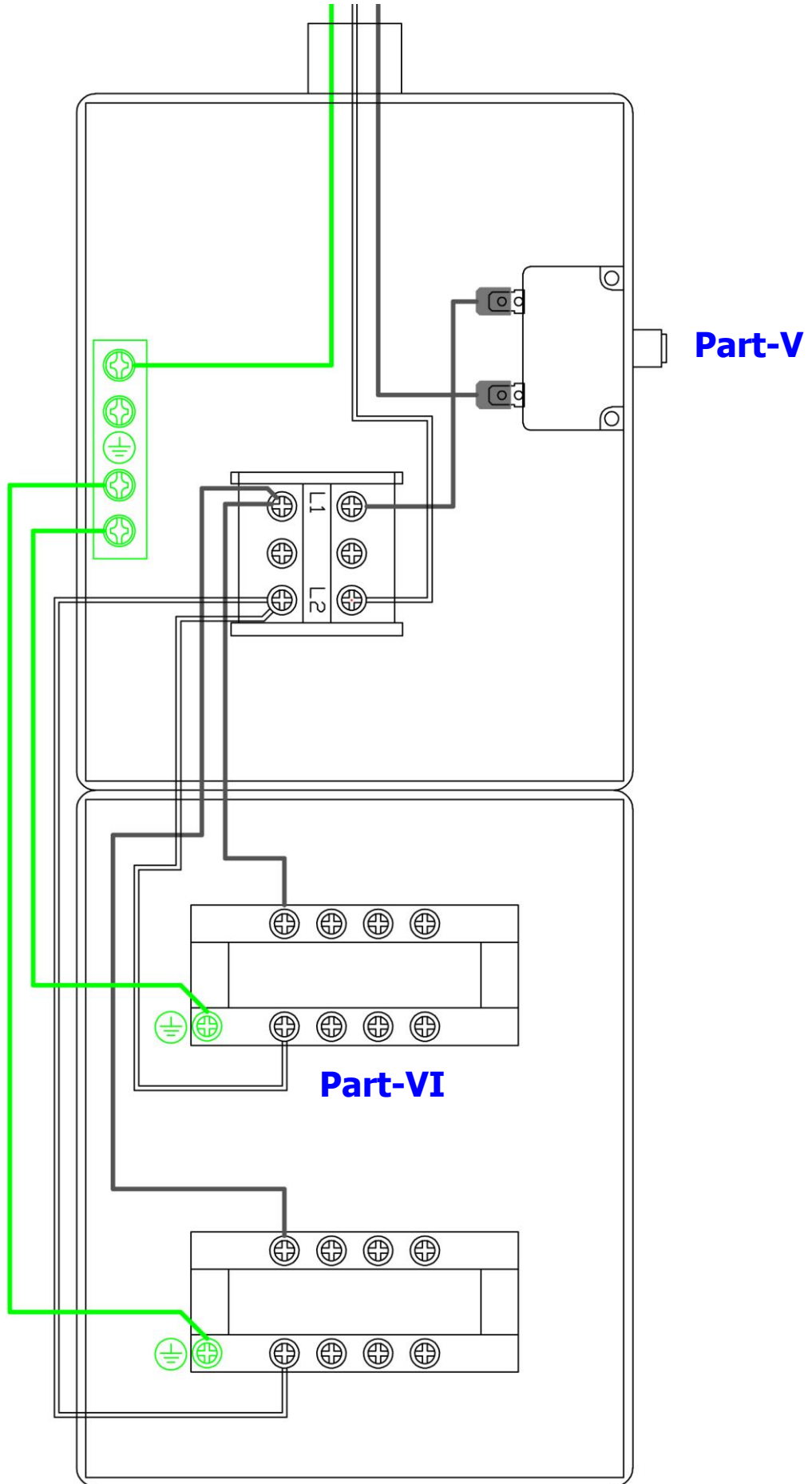
Main Electrical Wiring for EB-19'X18'X12' (BR1)

Part-E-1 :



Main Electrical Wiring for EB-19'X18'X12' (BR1)

Part-E-2 :

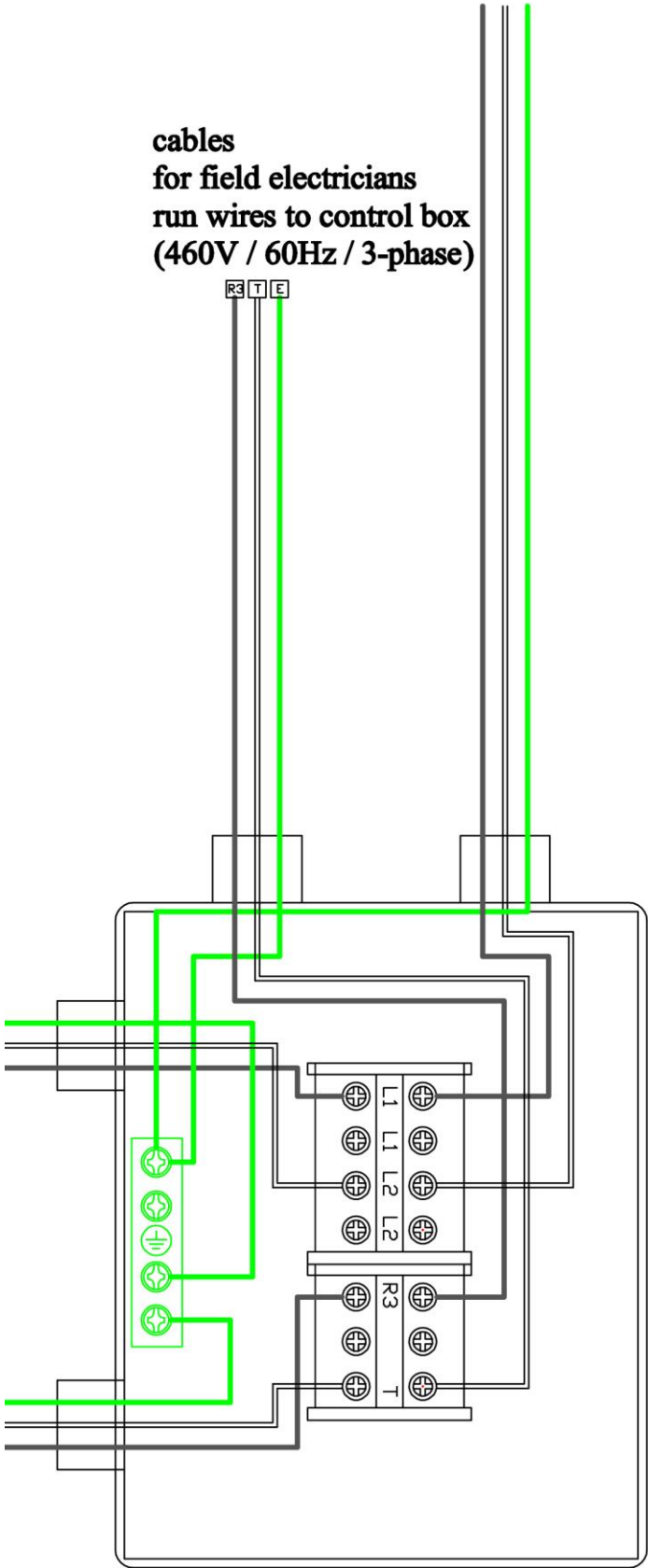


Main Electrical Wiring for EB-19'X18'X12' (BR1)

Part-E-3 :

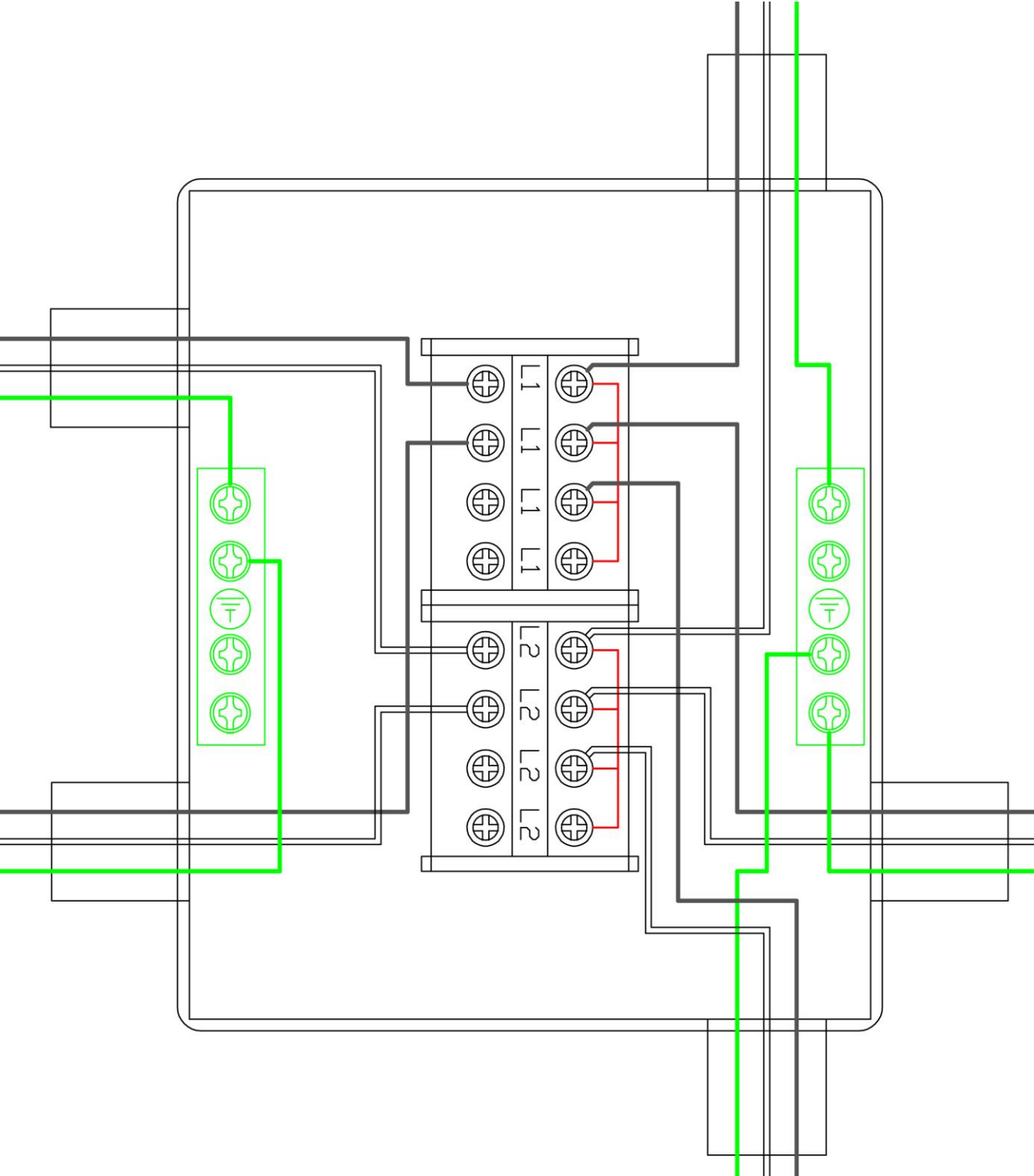
cables for field electricians
run wires from electrical junction box (BR2)
to electrical junction box (BR1)

cables
for field electricians
run wires to control box
(460V / 60Hz / 3-phase)



Main Electrical Wiring for EB-19'X18'X12' (BR1)

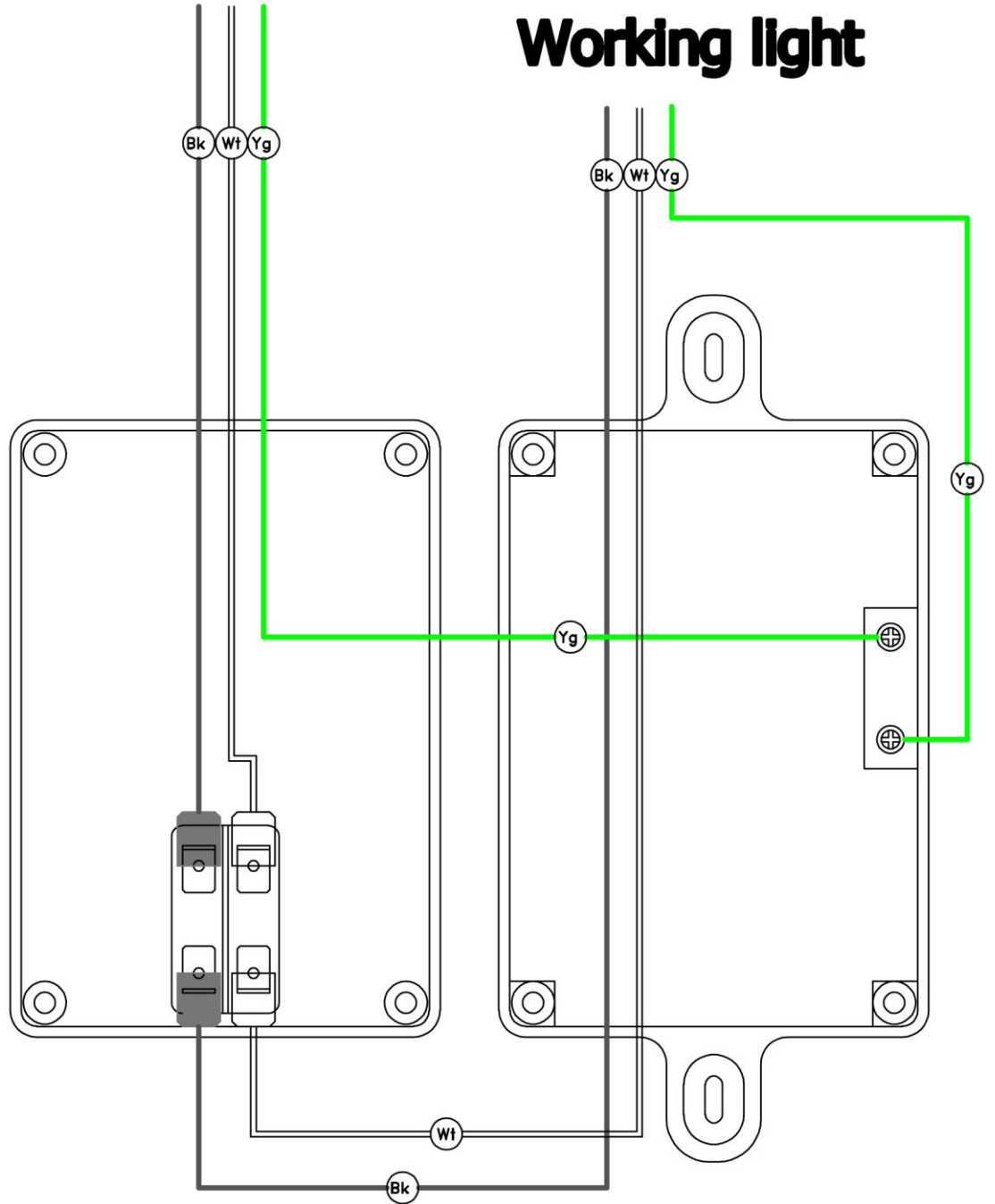
Part-II



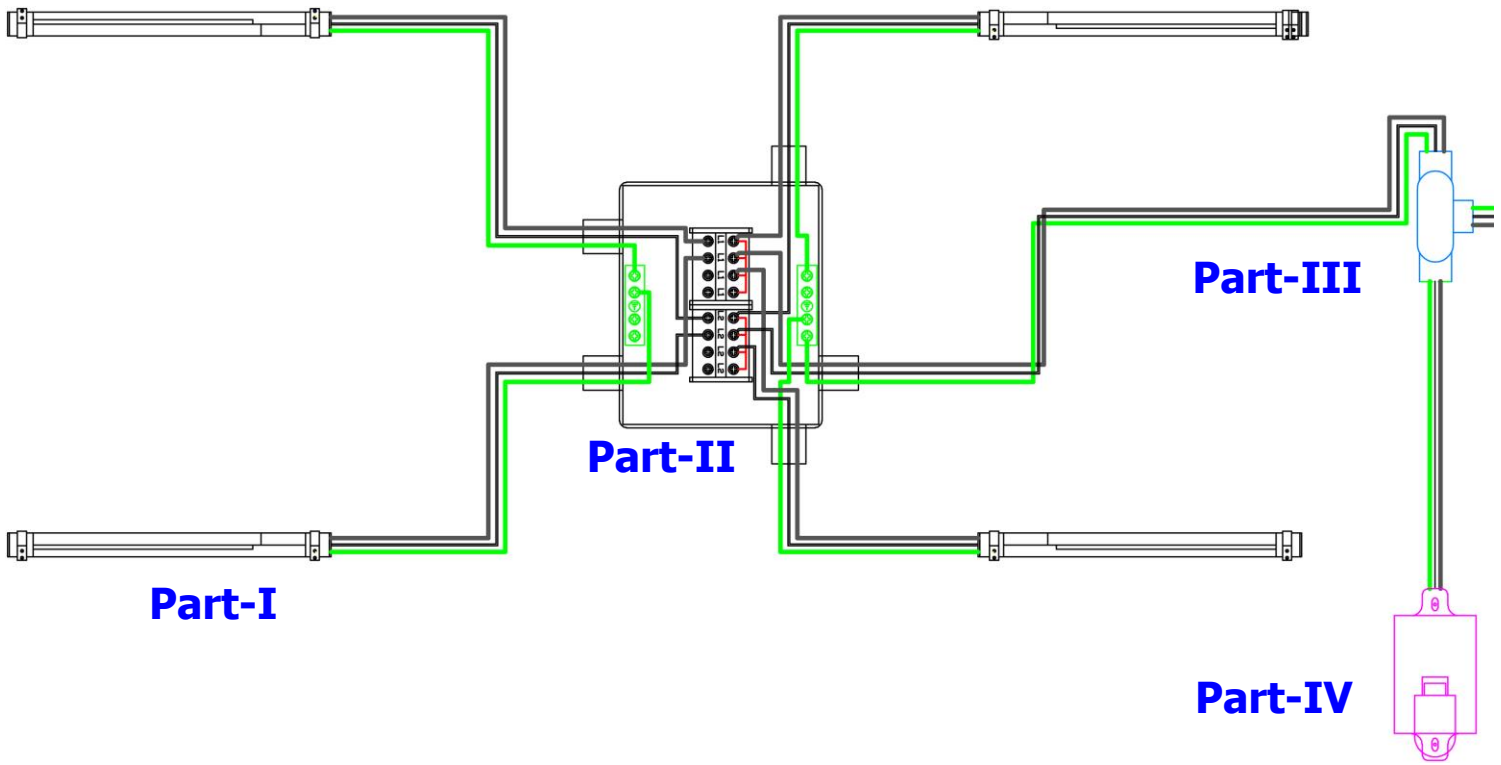
Main Electrical Wiring for EB-19'X18'X12' (BR1)

Part-IV

The cable of electrical junction box



Main Electrical Components for EB-19'X18'X12' (BR1)



◆ Part-I: Working light.

◆ Part-III: Conduit outlet box T type

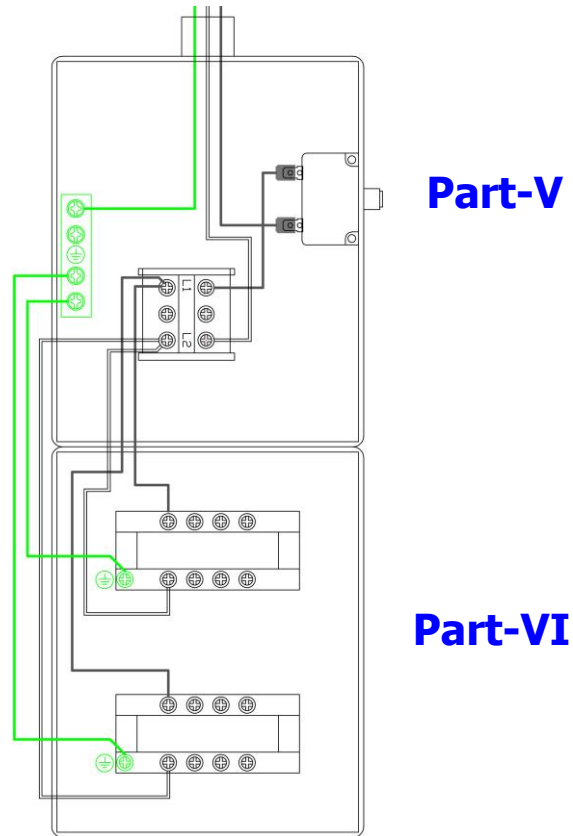


◆ Part-II: Electrical junction box

◆ Part-IV: Light switch



Main Electrical Components for EB-19'X18'X12' (BR1)

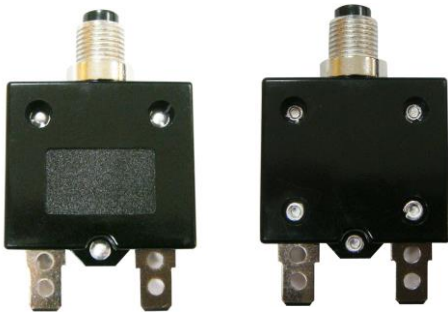


◆ Part-V: breaker

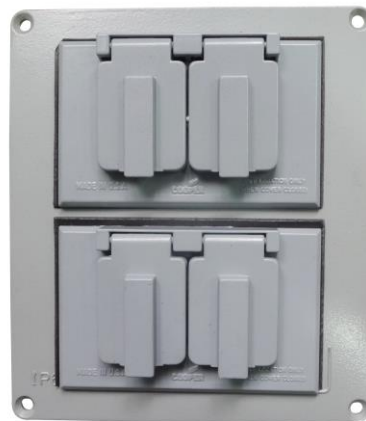
◆ Part-VI: 4-plugs socket switch



(Front)

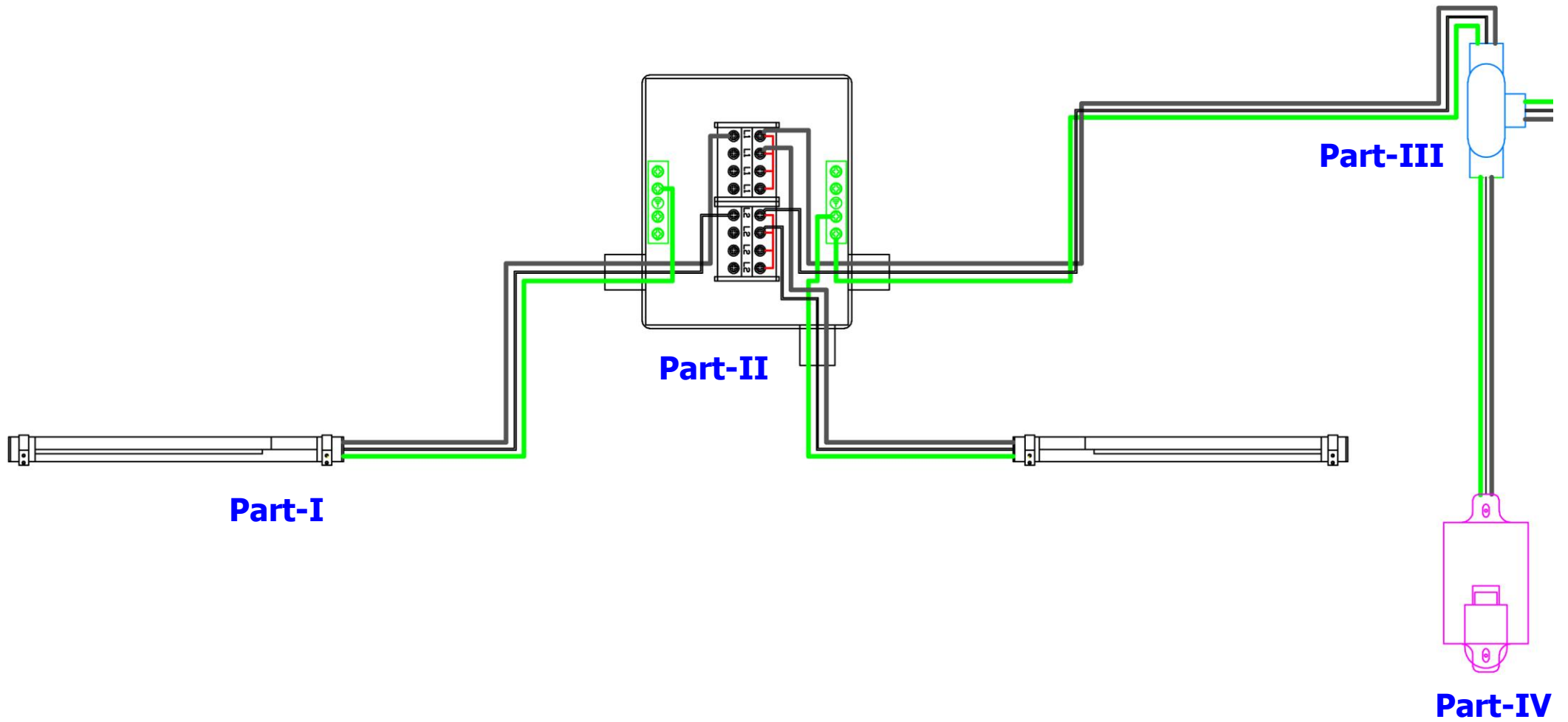


(Back)



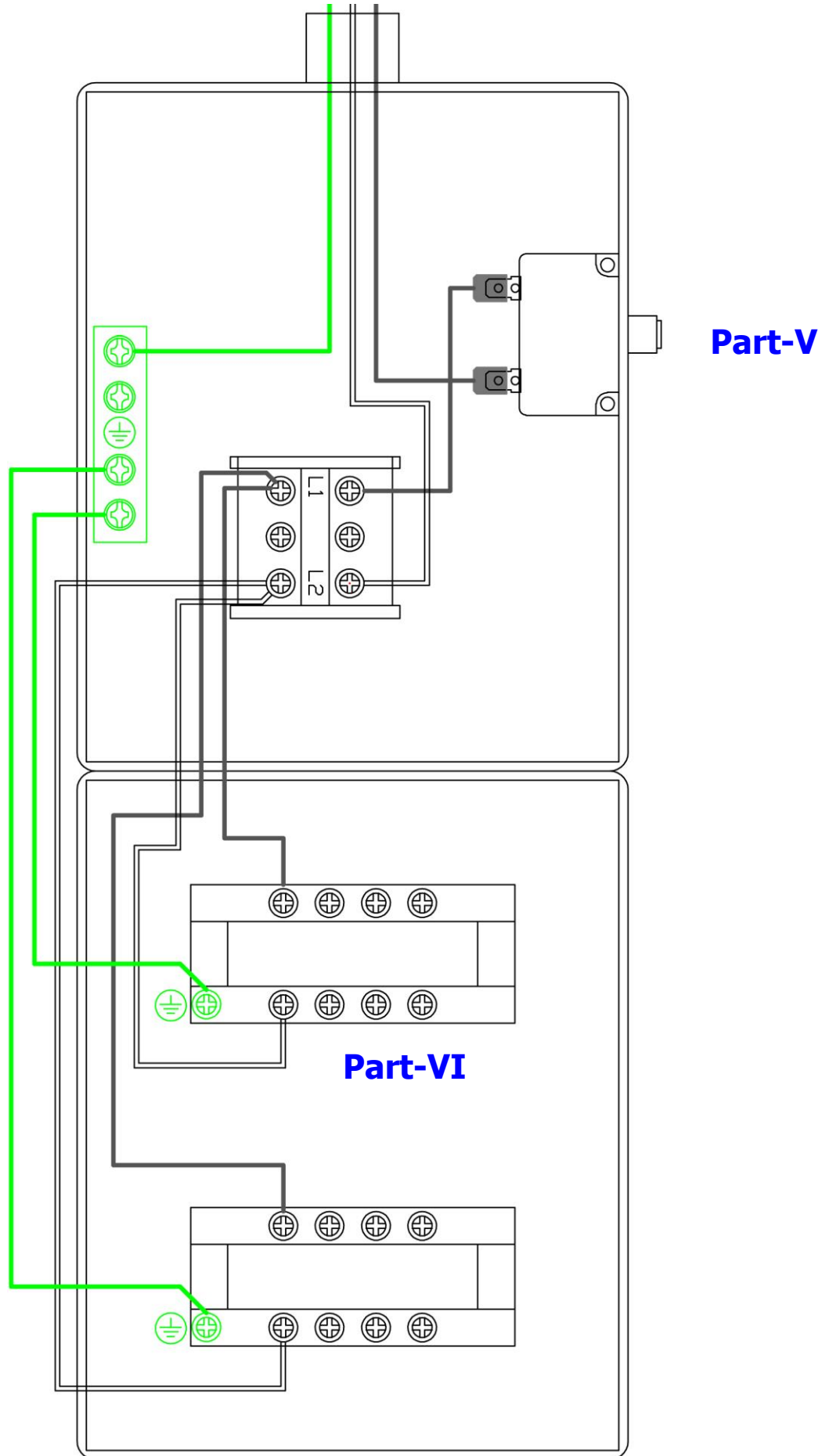
Main Electrical Wiring for EB-19'X18'X12' (BR2)

Part-F-1 :



Main Electrical Wiring for EB-19'X18'X12' (BR2)

Part-F-2 :

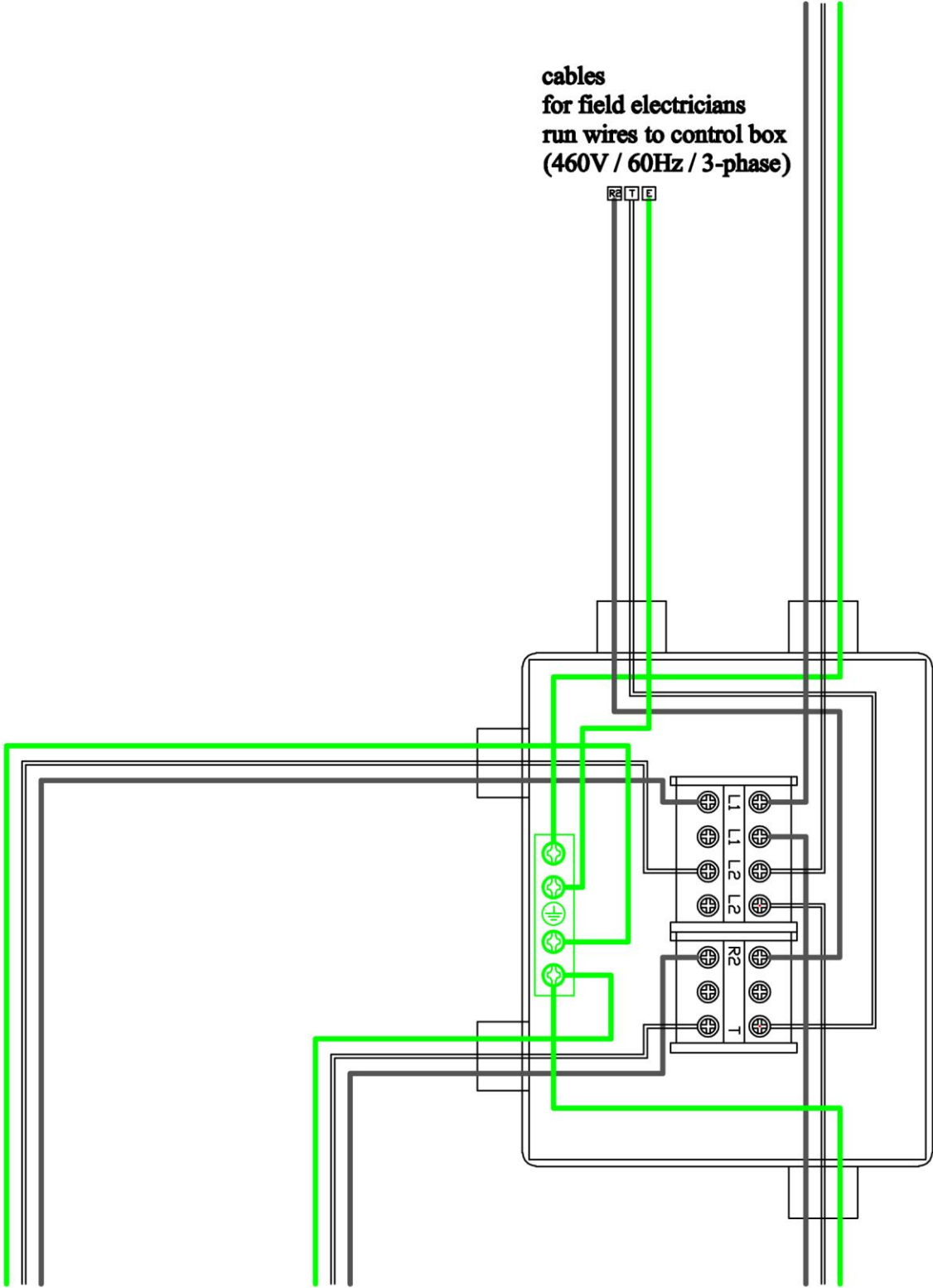


Main Electrical Wiring for EB-19'X18'X12' (BR2)

Part-F-3 :

cables for field electricians
run wires from electrical junction box (BR3)
to electrical junction box (BR2)

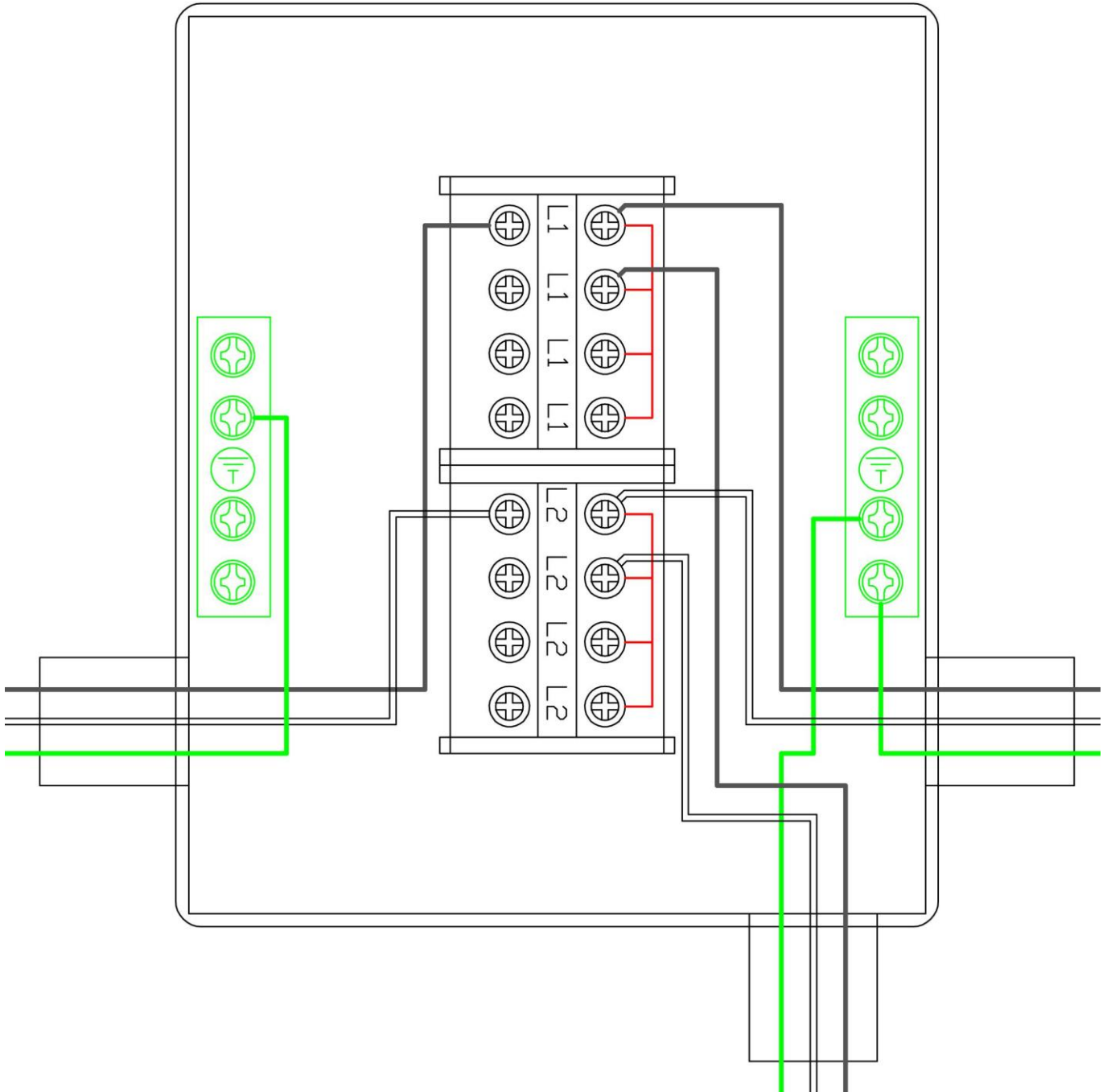
cables
for field electricians
run wires to control box
(460V / 60Hz / 3-phase)



cables for field electricians
run wires from electrical junction box (BR2)
to electrical junction box (BR1)

Main Electrical Wiring for EB-19'X18'X12' (BR2)

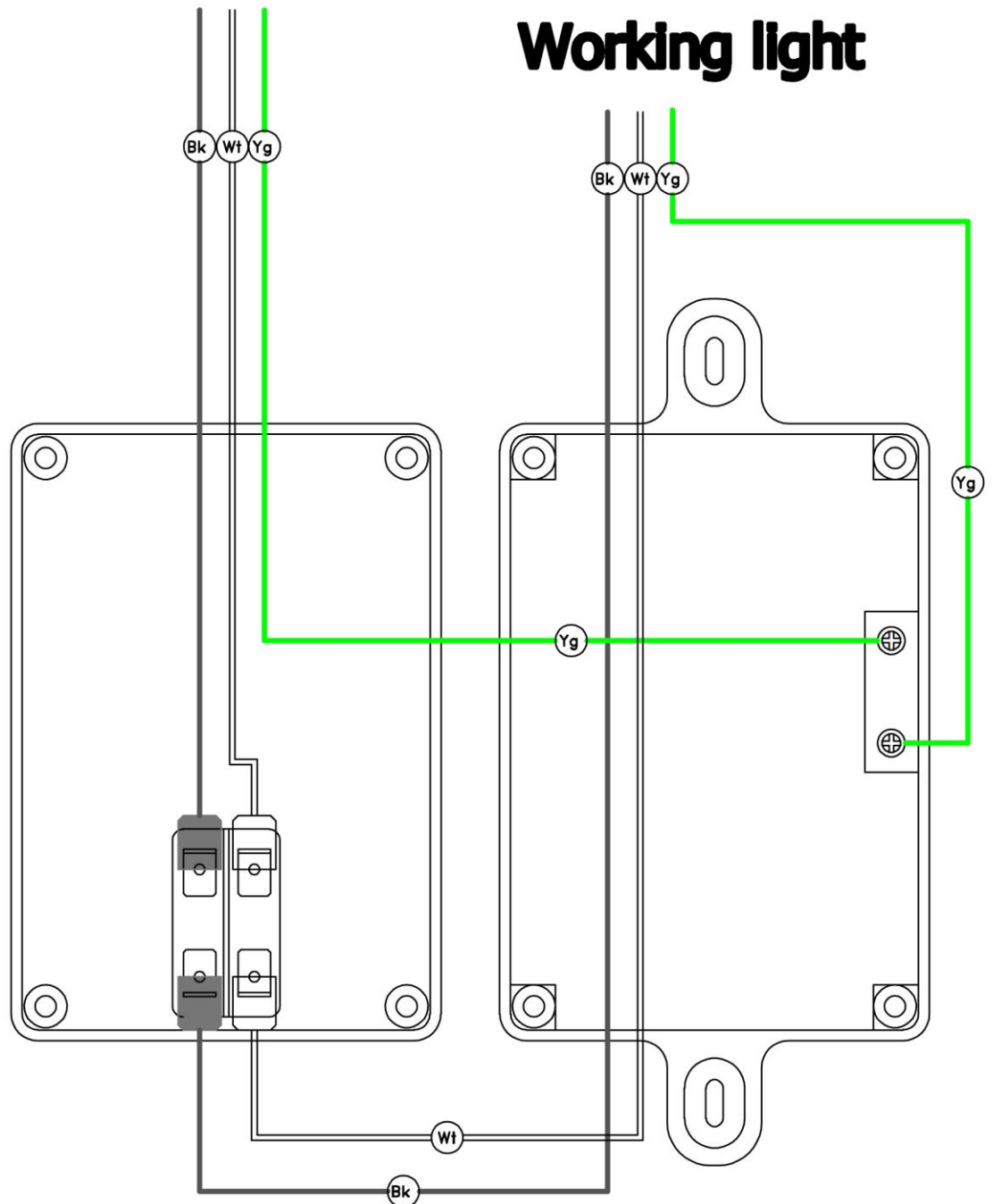
Part-II



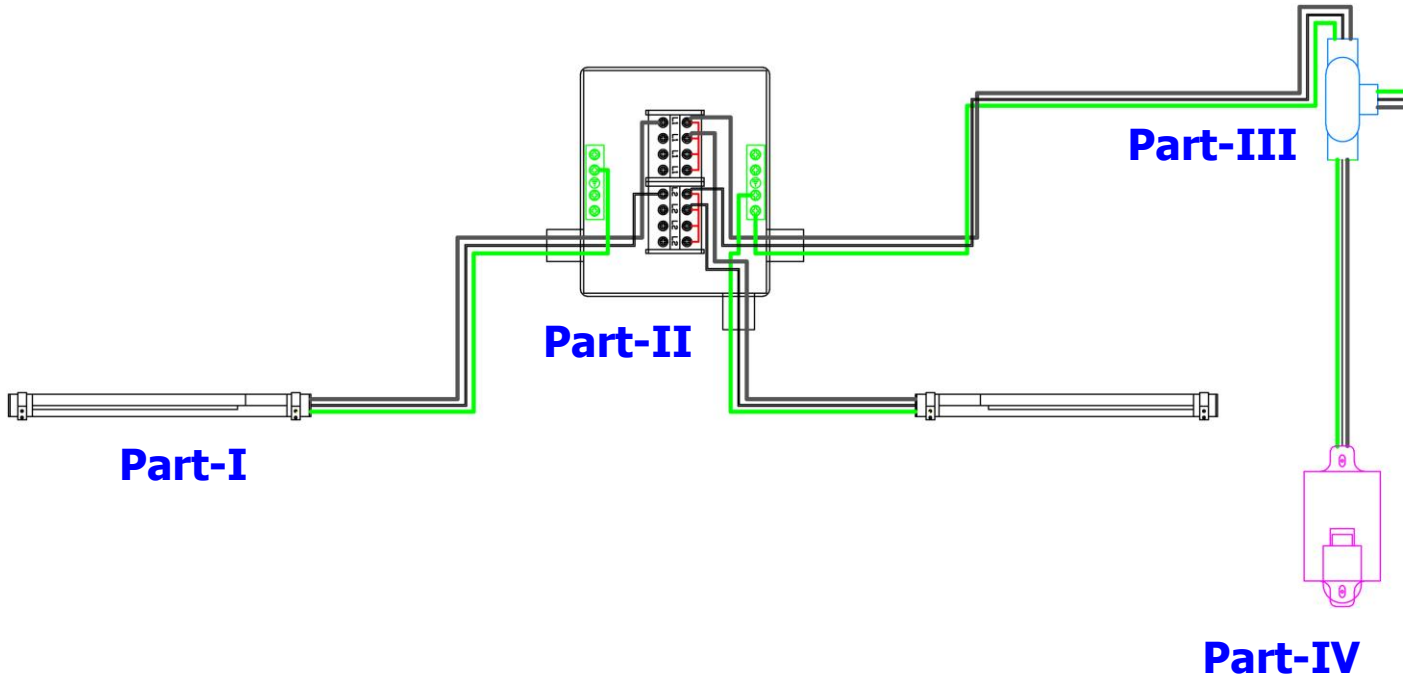
Main Electrical Wiring for EB-19'X18'X12' (BR2)

Part-IV

The cable of electrical junction box



Main Electrical Components for EB-19'X18'X12' (BR2)



◆ Part-I: Working light.

◆ Part-III: Conduit outlet box T type

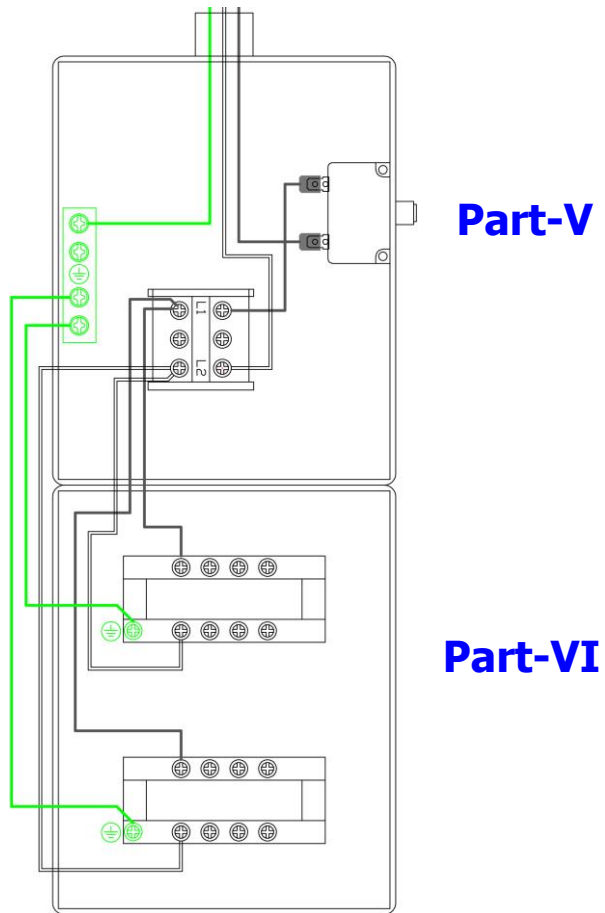


◆ Part-II: Electrical junction box

◆ Part-IV: Light switch



Main Electrical Components for EB-19'X18'X12' (BR2)

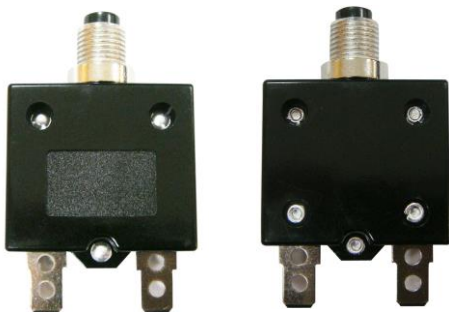


◆ Part-V: breaker

◆ Part-VI: 4-plugs socket switch



(Front)

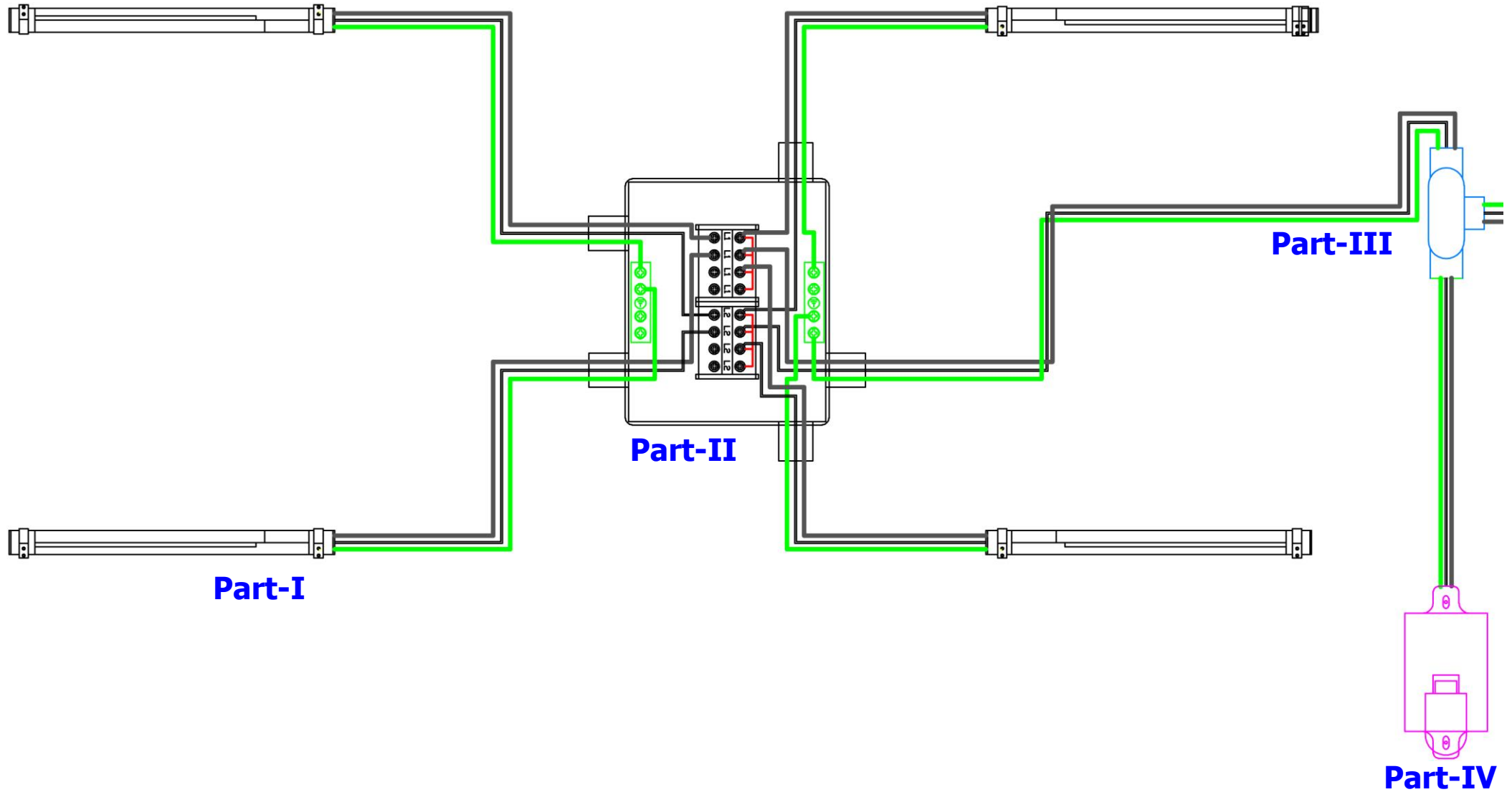


(Back)



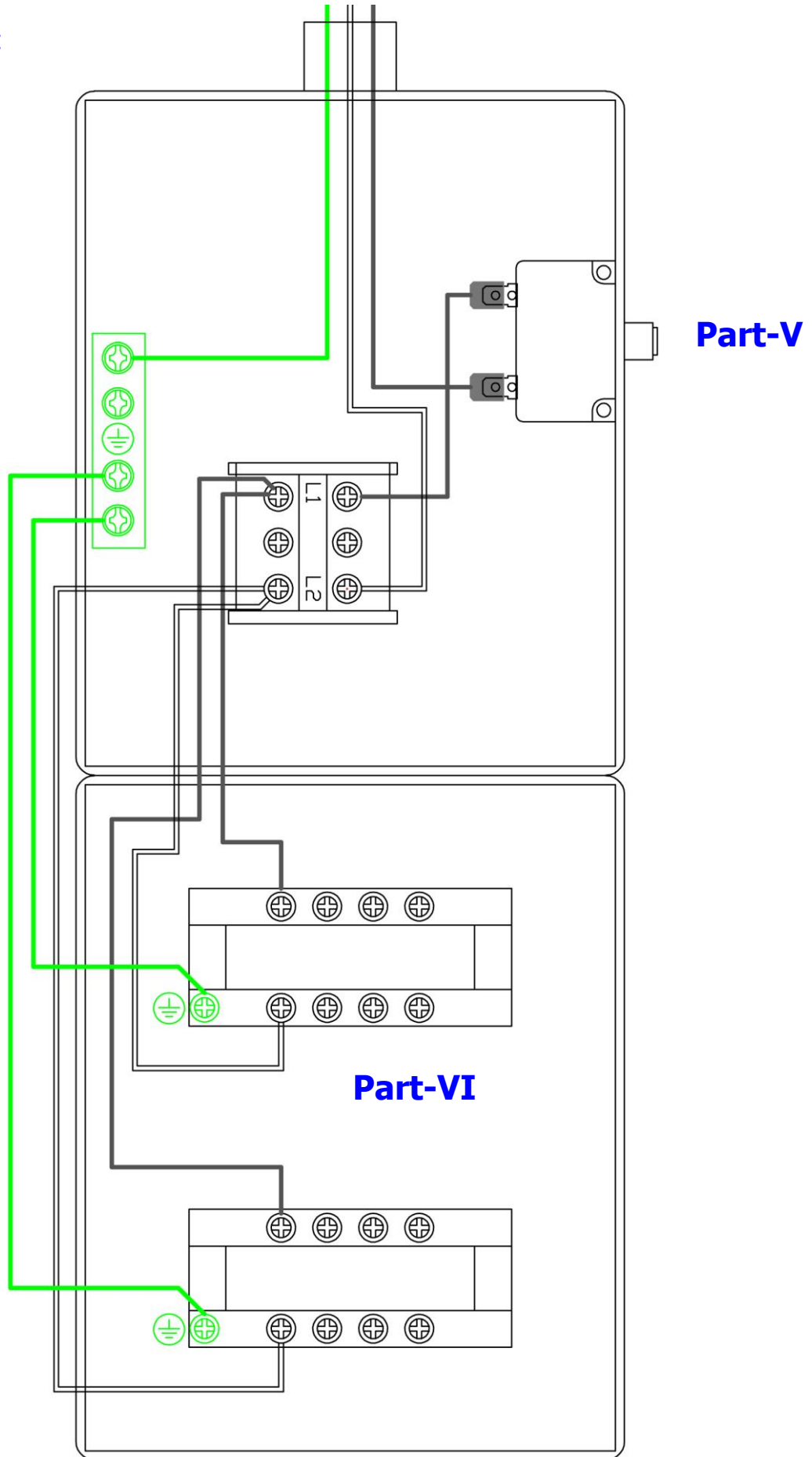
Main Electrical Wiring for EB-19'X18'X12' (BR3)

Part-G-1 :



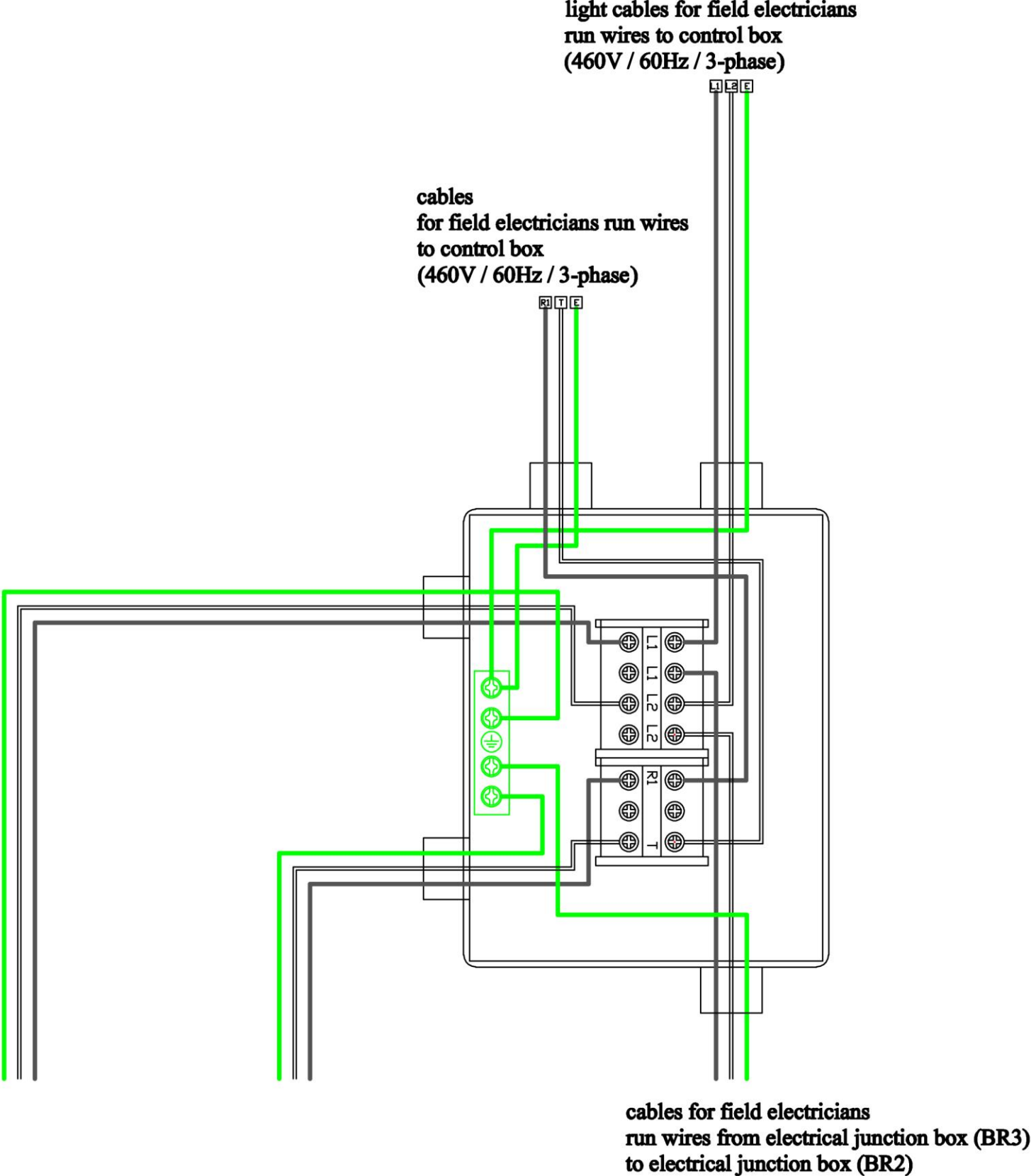
Main Electrical Wiring for EB-19'X18'X12' (BR3)

Part-G-2 :



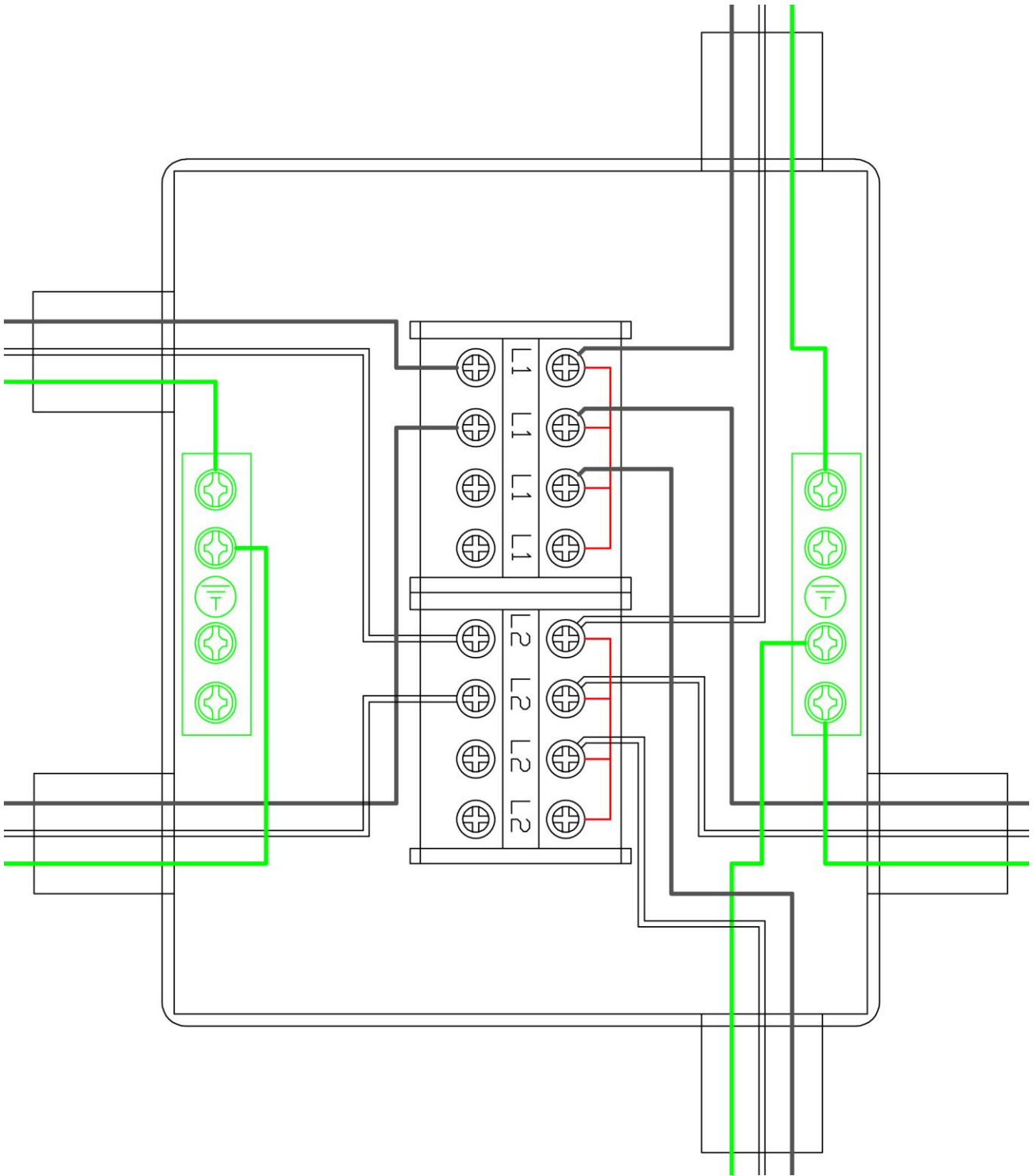
Main Electrical Wiring for EB-19'X18'X12' (BR3)

Part-G-3 :



Main Electrical Wiring for EB-19'X18'X12' (BR3)

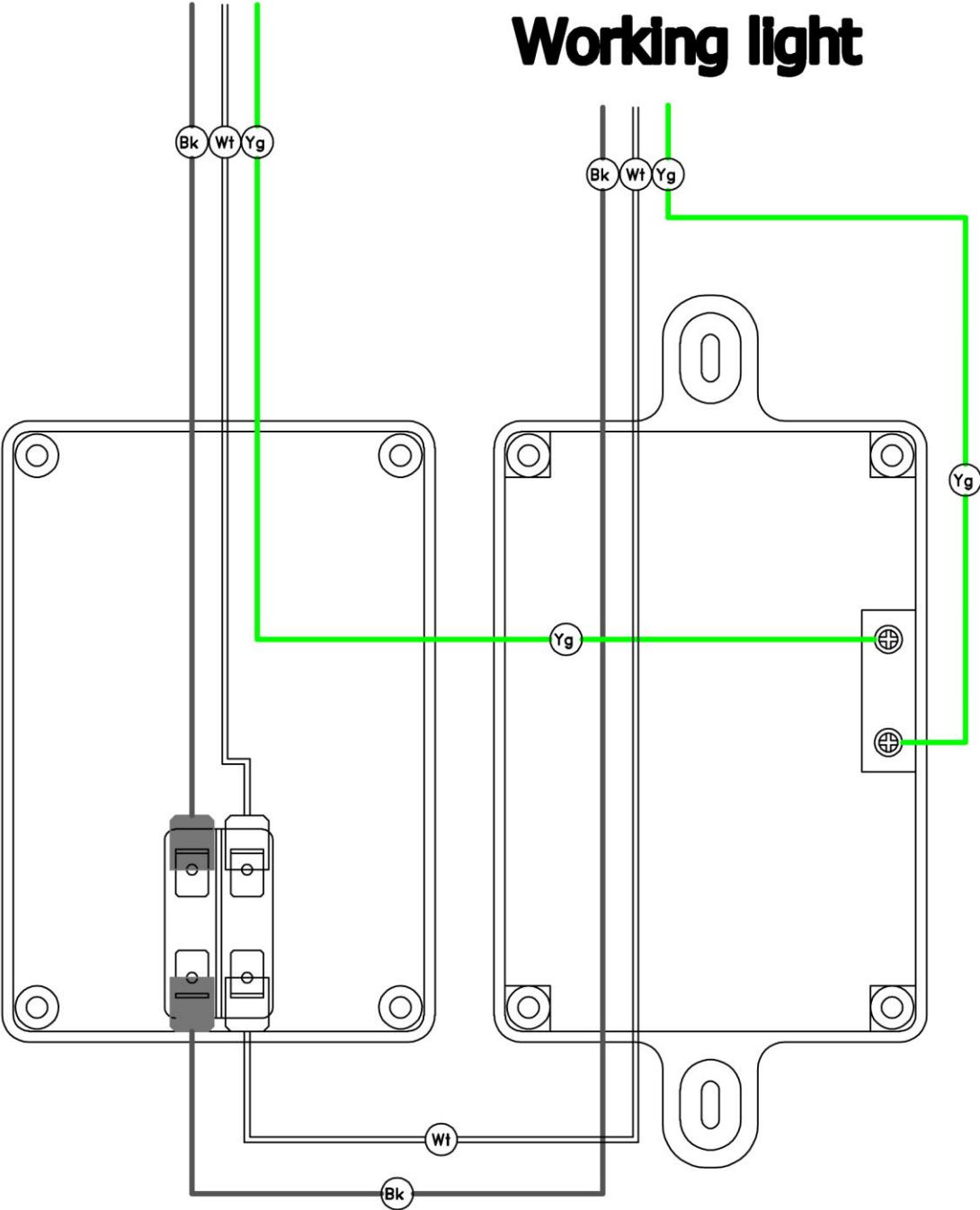
Part-II



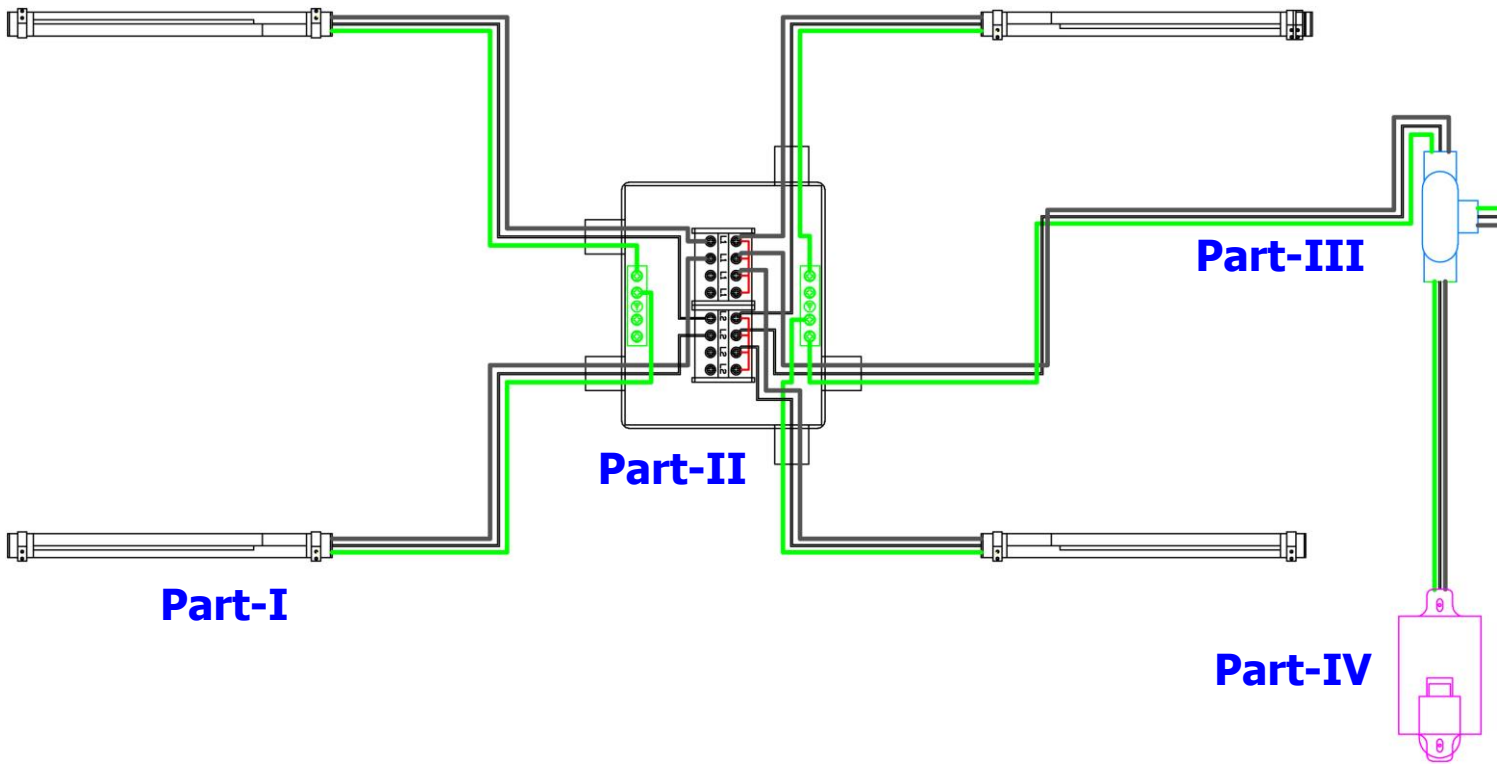
Main Electrical Wiring for EB-19'X18'X12' (BR3)

Part-IV

The cable of electrical junction box



Main Electrical Components for EB-19'X18'X12' (BR3)



◆ Part-I: Working light.

◆ Part-III: Conduit outlet box T type

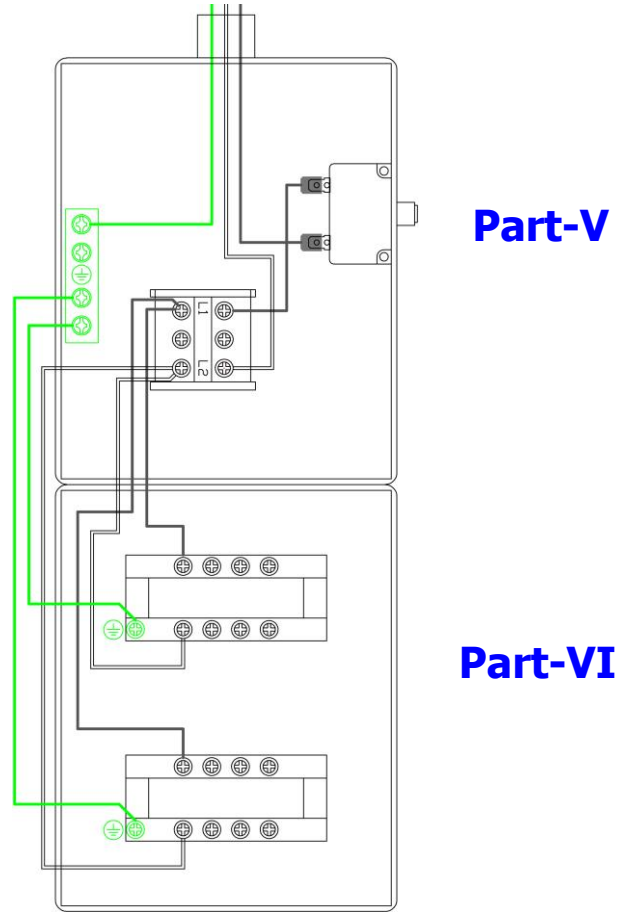


◆ Part-II: Electrical junction box

◆ Part-IV: Light switch



Main Electrical Components for EB-19'X18'X12' (BR3)

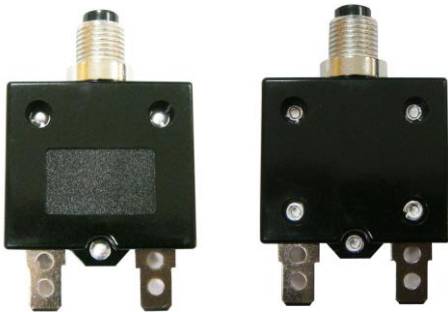


◆ Part-V: breaker

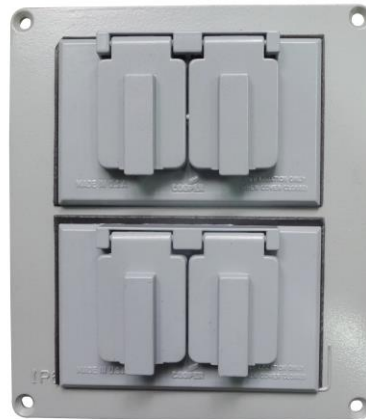
◆ Part-VI: 4-plugs socket switch



(Front)

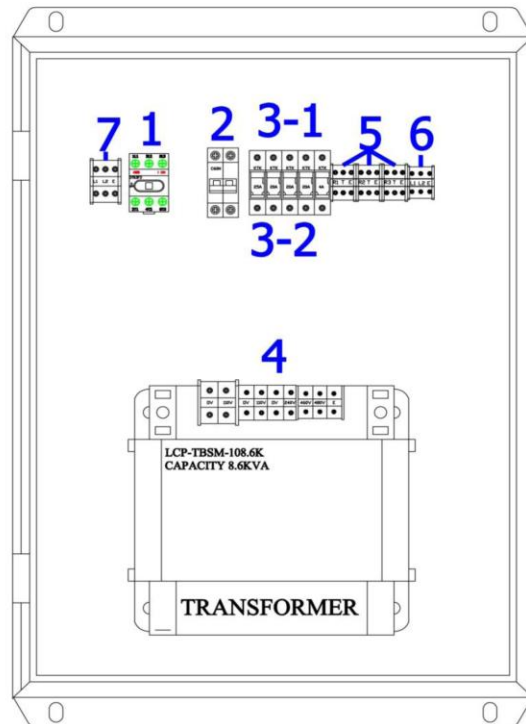


(Back)



Wolf Tec Grinding Booth 19'x18'x12' Control Box

Number #	Part Name	Description	Q'ty	Voltage	Brand	item #	Web
1	Switch-disconnector	OT63F3	1		ABB	1SCA105332R1001	www.abb.com
	Selector type handles	OHYS2AJ	1		ABB	1SCA105296R1001	www.abb.com
	Shafts	OXS6X330	1		ABB	1SCA101661R1001	www.abb.com
2	Modular circuit breaker	400VAC 2-pole	1	400VAC	Schneider	TM 2P63AC10KA	http://www.schneider-electric.com/site/home/index.cfm/us/
3-1	Fuse : KTK	4A	1	600VAC	Grainger	6F132	www.grainger.com
	Fuse : KTK	20A	3	600VAC	Bussmann	KTK-4	http://www.cooperindustries.com
	Fuse : KTK	25A	1	600VAC	Bussmann	KTK-25	http://www.cooperindustries.com
3-2	Fuse Holder	30A	5	600VAC	Grainger	13M221	www.grainger.com
					Bussmann	CHM1DU	http://www.cooperindustries.com
4	Transformer	8.6KVA (0.240.460.480 / 0.110)	1	460V	San Ford		
5	Terninal strip : 3 Pole	30A	3	600VAC	Grainger	6ZEJ0	www.grainger.com
6	Terninal strip : 3 Pole	20A	1	600VAC	Grainger	6ZEG7	www.grainger.com
7	Power Distribution Blocks	90Ax3	1	600VAC	Grainger	5A675	www.grainger.com
Terminal Block Accessories	Mounting Channels	35mm x 1M	1	600VAC	Grainger	5B357	www.grainger.com
	Terminal Block End Barrier		2		Grainger	5B361	www.grainger.com
	Screw On End Clamp		2		Grainger	5B373	www.grainger.com



1 ϕ /460V

