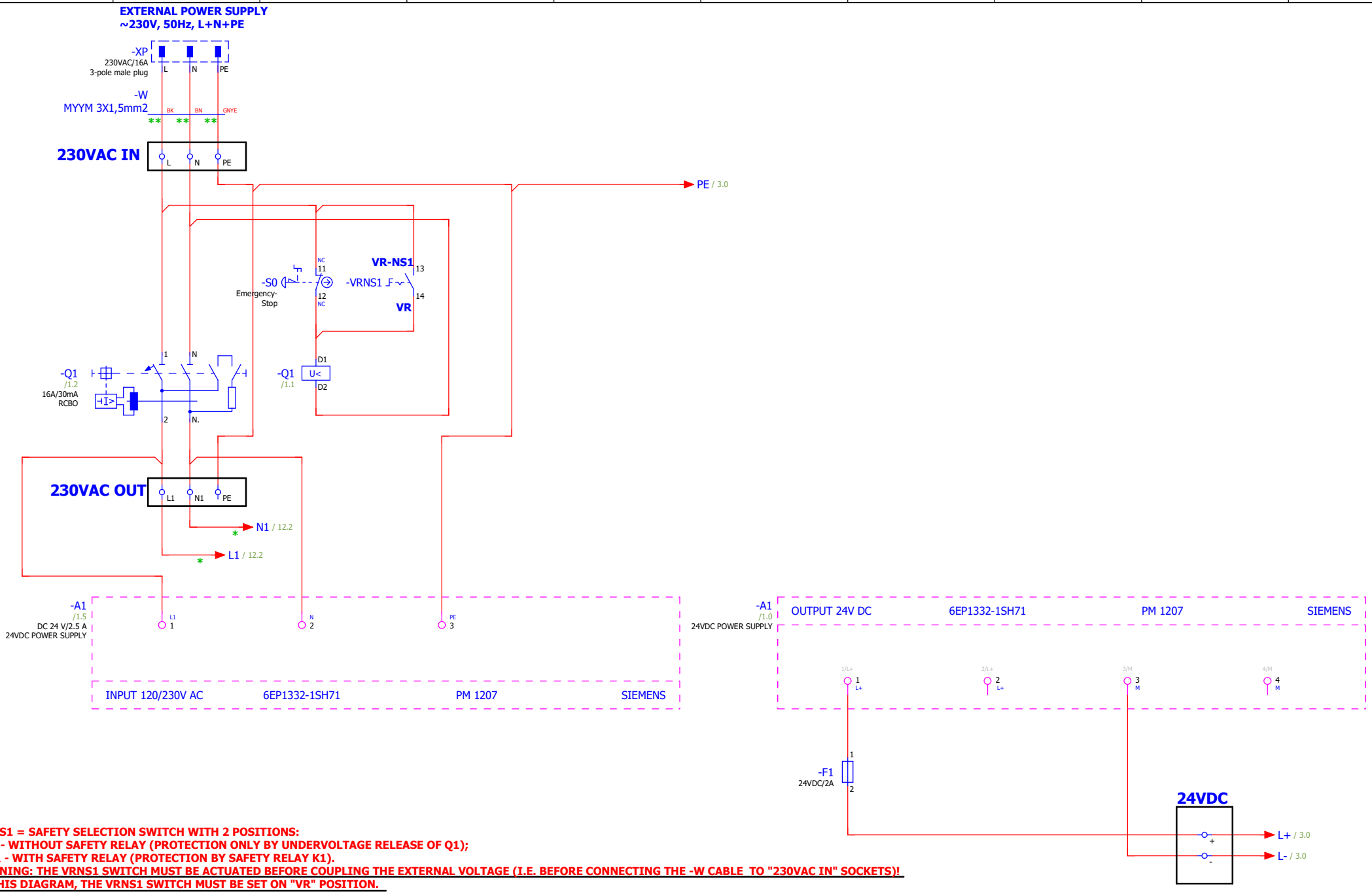


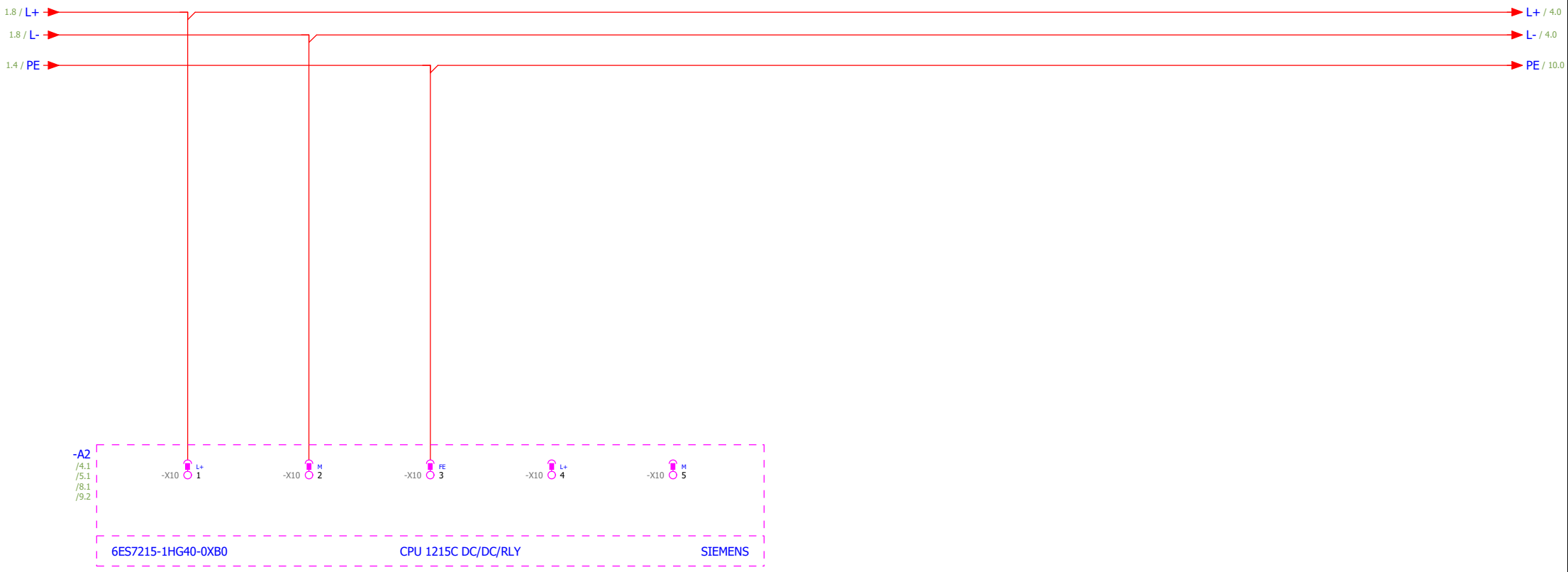
VR NS1 = SAFETY SELECTION SWITCH WITH 2 POSITIONS:
VR - WITHOUT SAFETY RELAY (PROTECTION ONLY BY UNDERVOLTAGE RELEASE OF Q1);
NS1 - WITH SAFETY RELAY (PROTECTION BY SAFETY RELAY K1).
WARNING: THE VRNS1 SWITCH MUST BE ACTUATED BEFORE COUPLING THE EXTERNAL VOLTAGE (I.E. BEFORE CONNECTING THE -W CABLE TO "230VAC IN" SOCKETS)!
IN THIS DIAGRAM, THE VRNS1 SWITCH MUST BE SET ON "VR" POSITION.

REMARK: * = CONNECTION TO BE MADE WITH SAFETY LEADS:

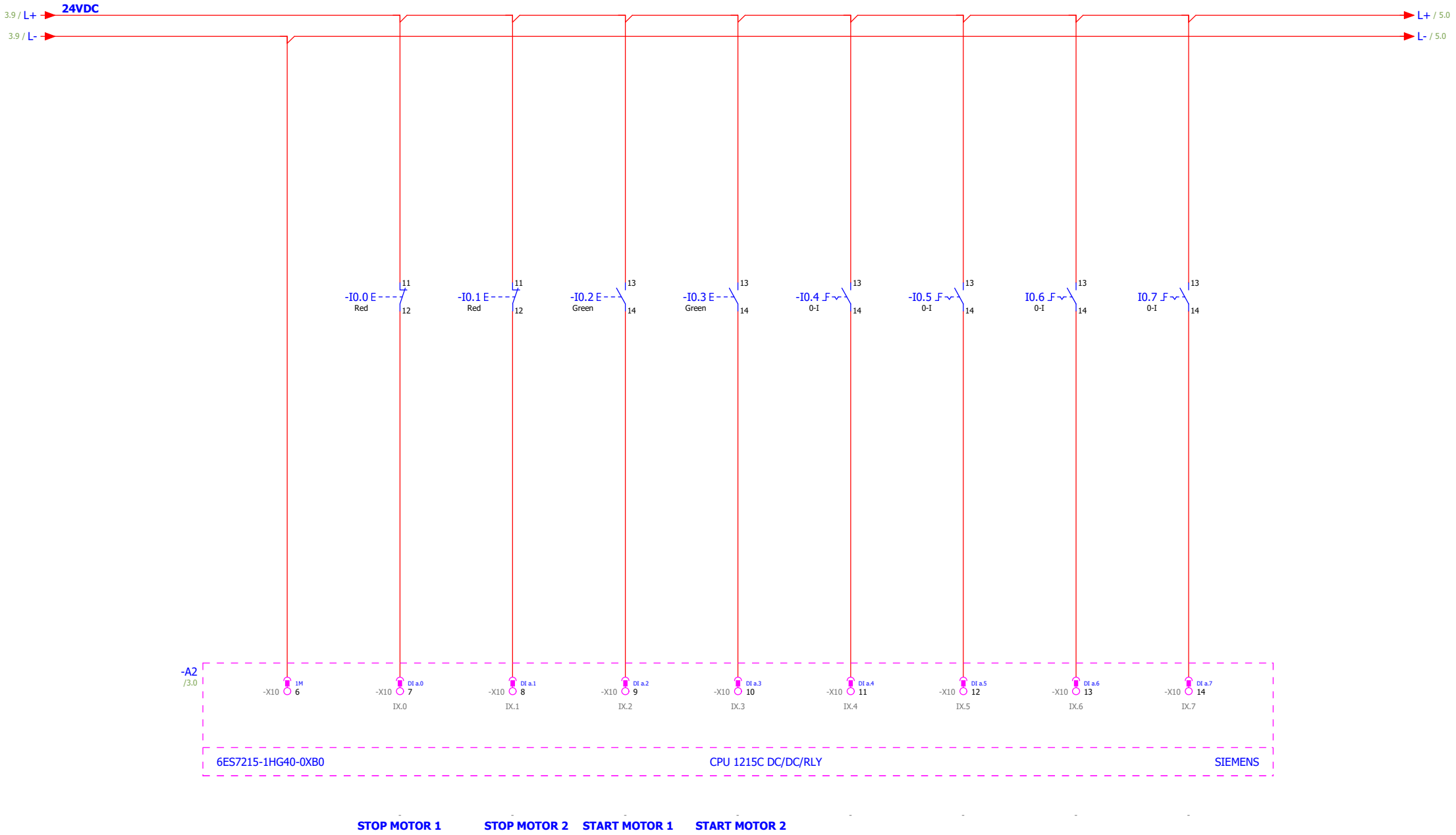
****=CONNECTION TO BE MADE WITH POWER CABLE WITH STRANDED COOPER CONDUCTORS.**

3

			Date	08/07/2020	-	-	POWER SUPPLY 230VAC / 24VDC		=	
			Ed	Cristian					+	
			Appr		DOL starting 2 motors wo. safety relay - pushbutton c-trol			-		Page 1
Modification	Date	Name	Original		Replacement of	Replaced by				Page 1 / 9

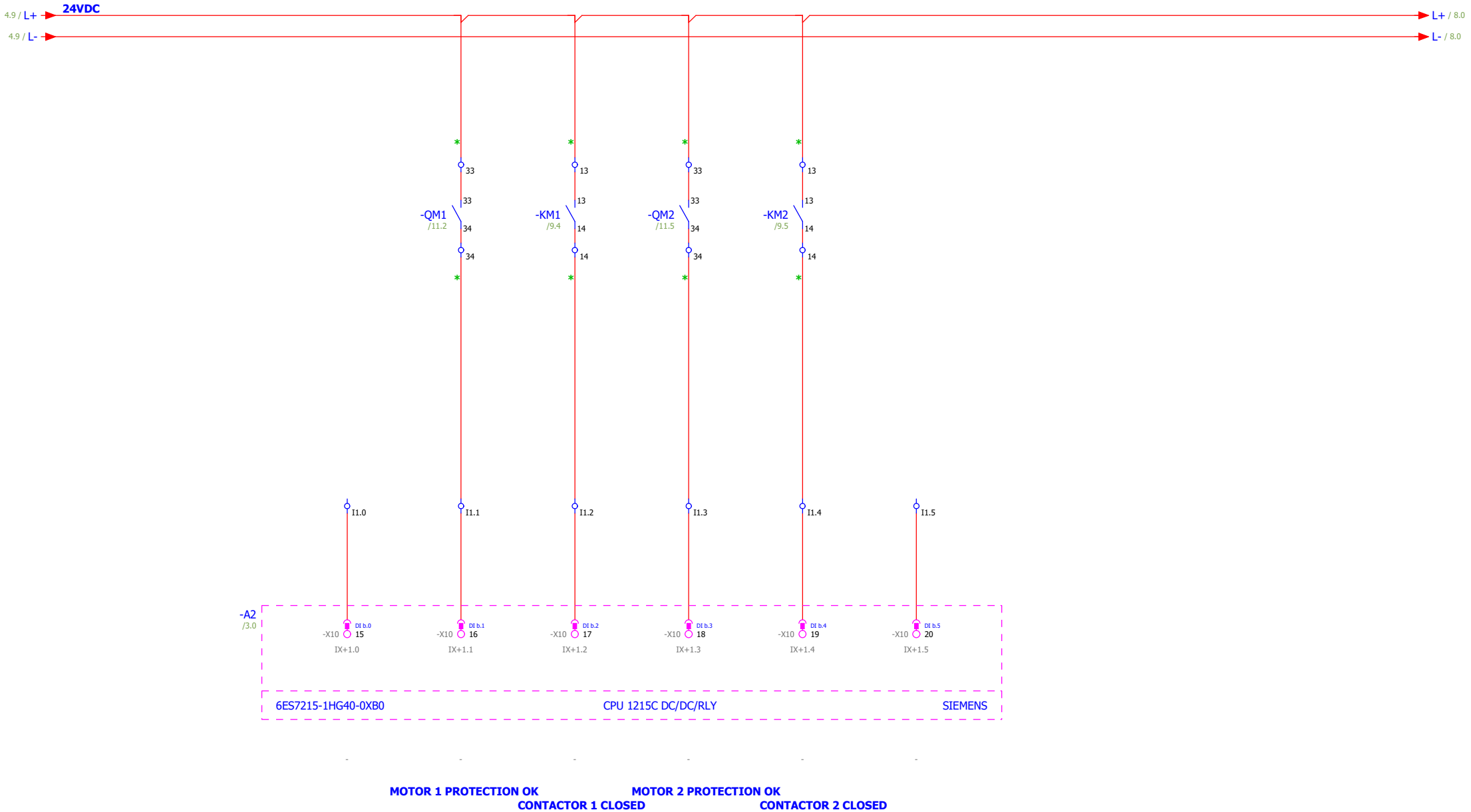


			Date	29/06/2020	-	-	PLC- POWER SUPPLY		=
			Ed	Cristian					+
			Appr		DOL starting 2 motors wo. safety relay - pushbutton c-trol			-	Page 3
Modification	Date	Name	Original		Replacement of	Replaced by			Page 2 / 9



3 5

			Date	30/06/2020	-	-	DI		=	
			Ed	Cristian					+	
			Appr		DOL starting 2 motors wo. safety relay - pushbutton c-trol			-	Page	4
Modification	Date	Name	Original		Replacement of	Replaced by			Page	3 / 9



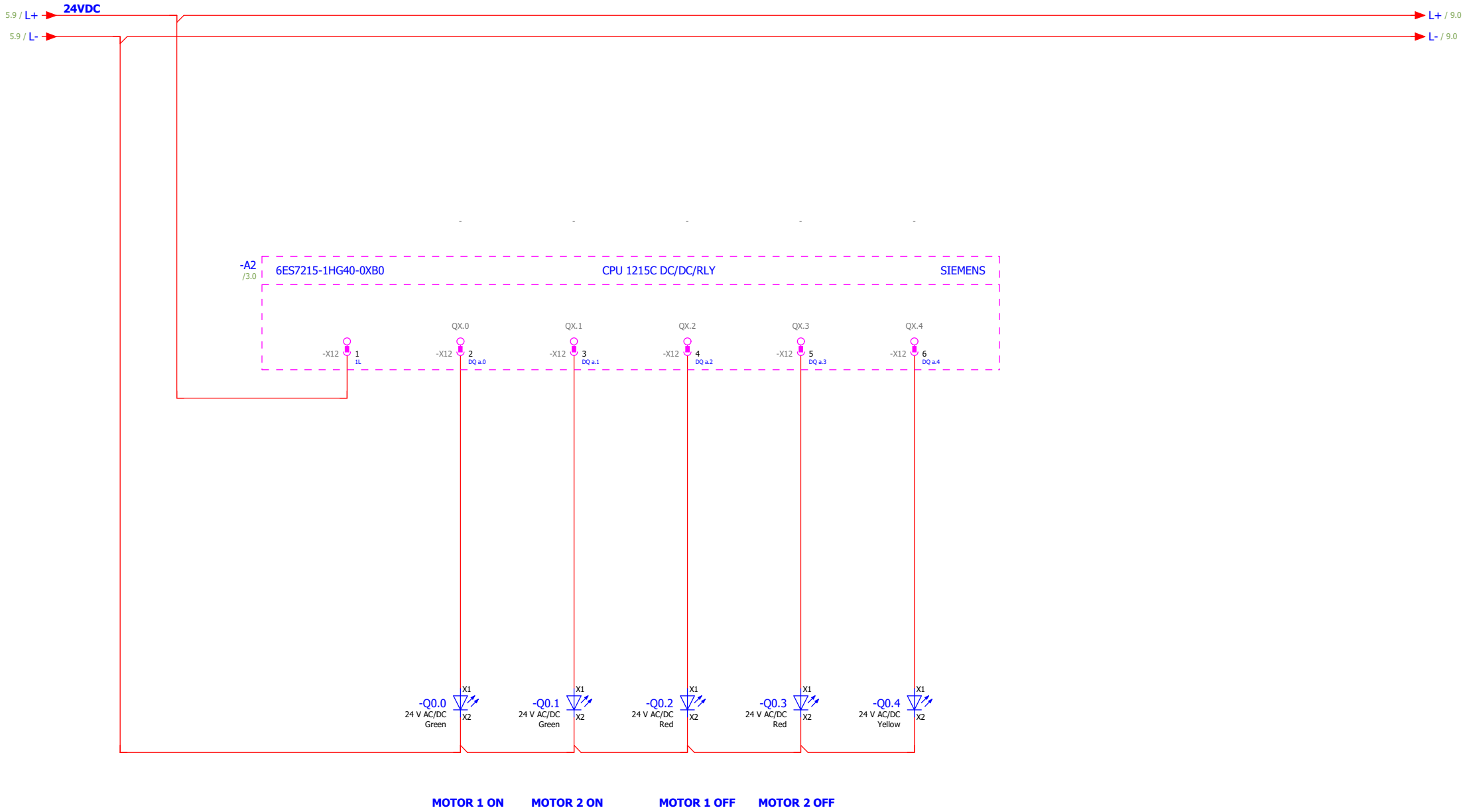
MOTOR 1 PROTECTION OK
CONTACTOR 1 CLOSED

MOTOR 2 PROTECTION OK
CONTACTOR 2 CLOSED

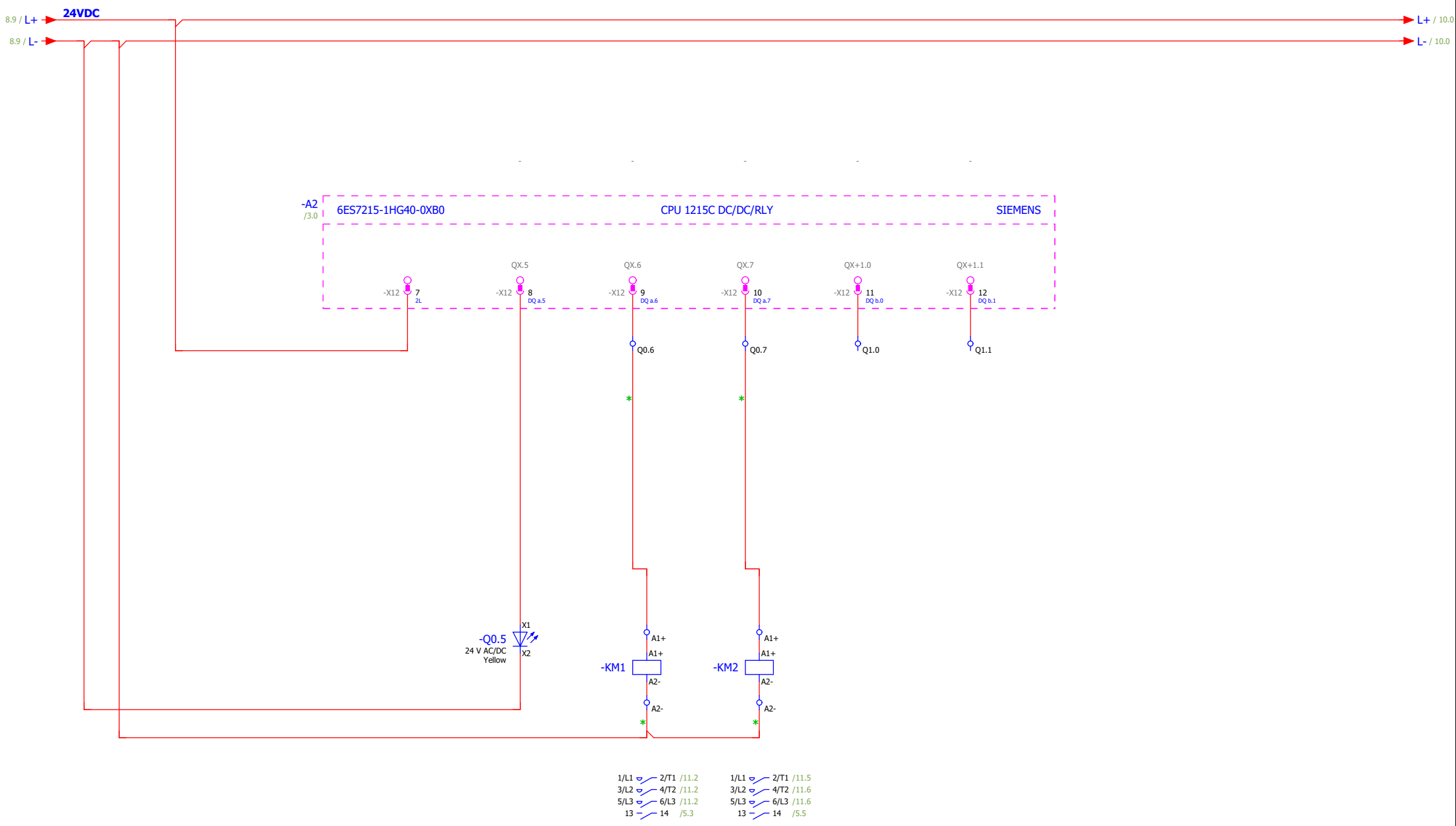
REMARK: * = CONNECTION TO BE MADE WITH SAFETY LEADS:

4 8

			Date	29/06/2020	-	-	DI			=	
			Ed	Cristian						+	
			Appr		DOL starting 2 motors wo. safety relay - pushbutton c-trol				-	Page	5
Modification	Date	Name	Original		Replacement of	Replaced by				Page	4 / 9



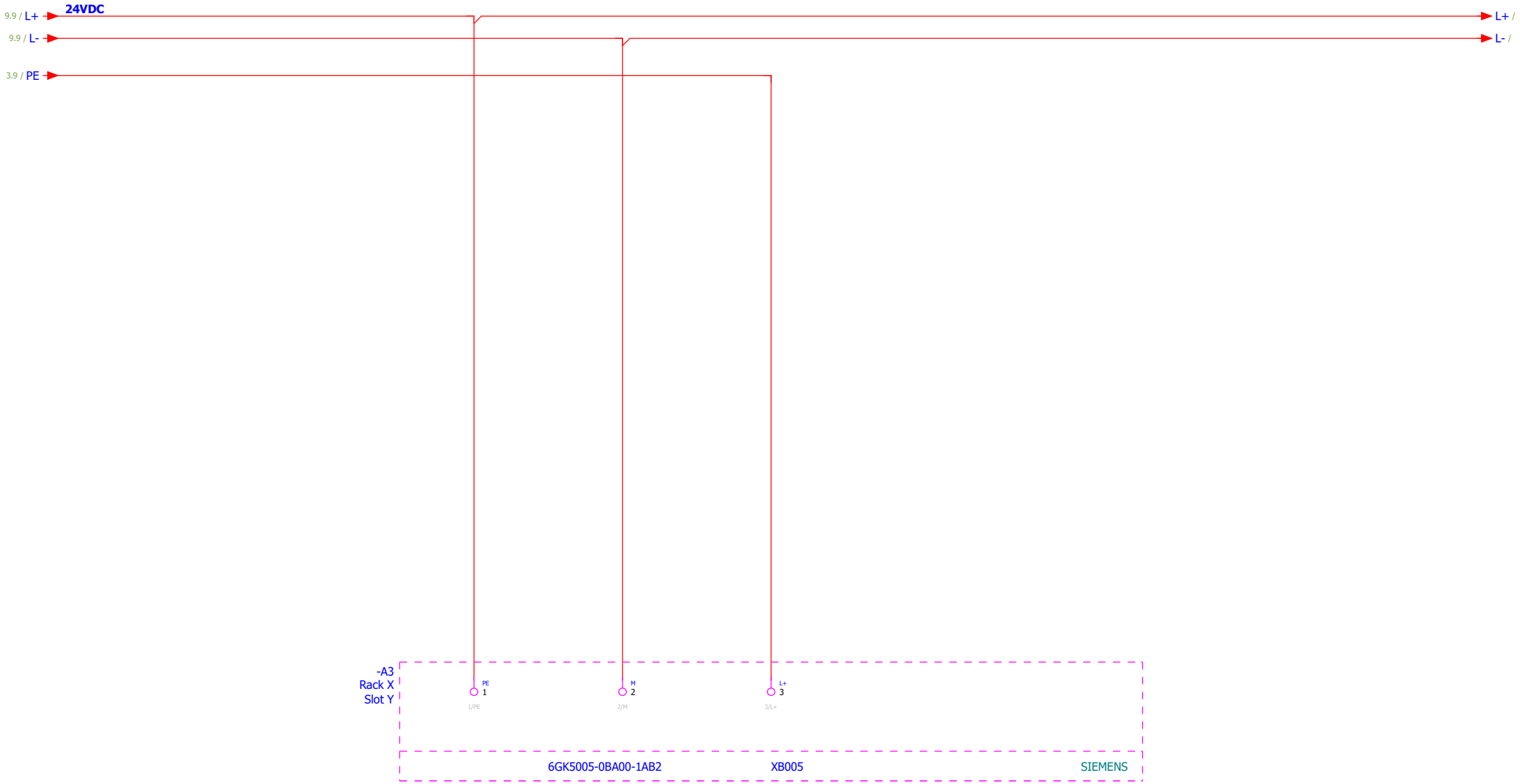
			Date	30/06/2020	-	-	DO		=	
			Ed	Cristian					+	
			Appr		DOL starting 2 motors wo. safety relay - pushbutton c-trol				-	Page 8
Modification	Date	Name	Original		Replacement of	Replaced by				Page 5 / 9



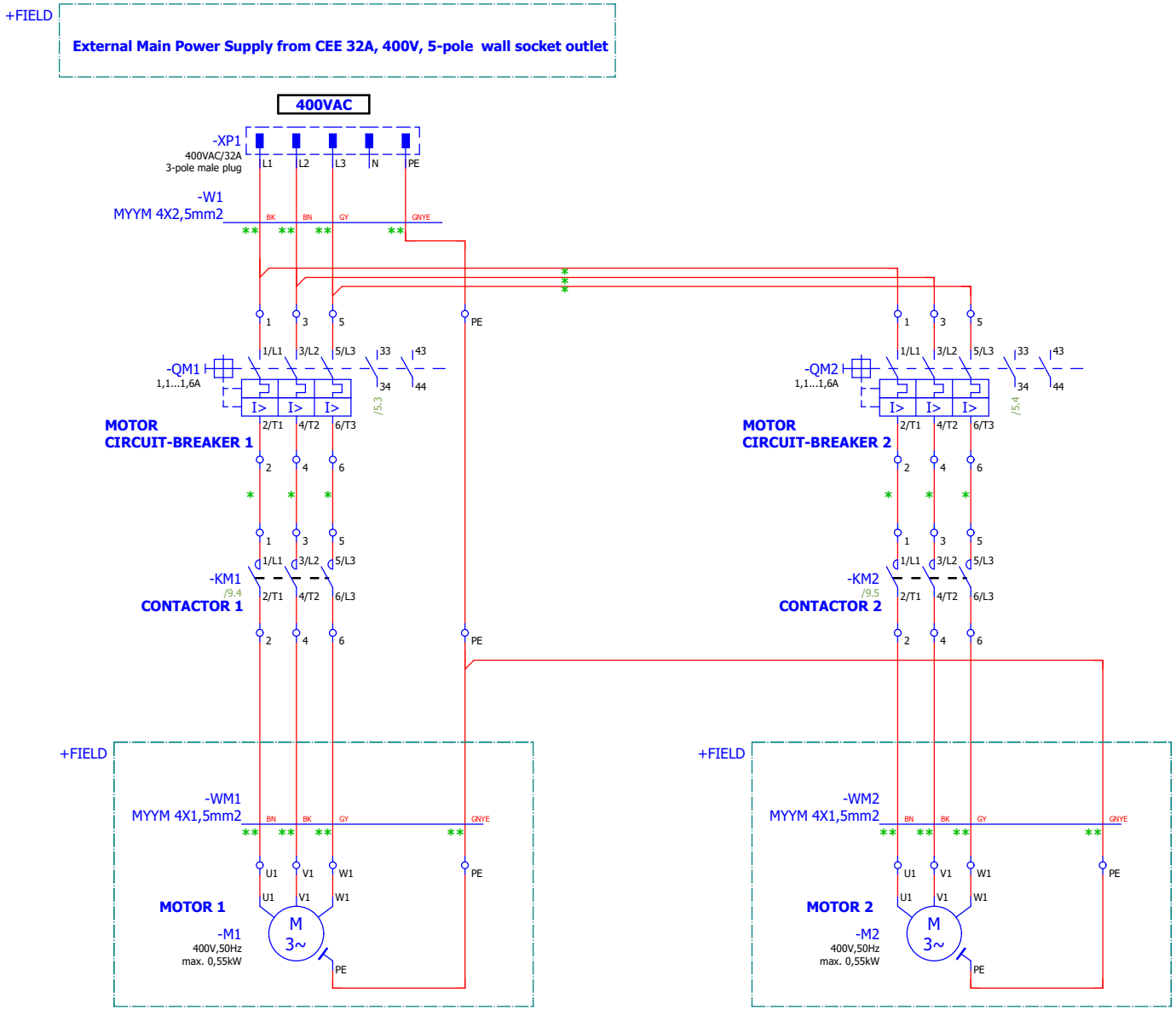
REMARK: * = CONNECTION TO BE MADE WITH SAFETY LEADS:

8 10

			Date	29/06/2020	-	-	DO		=	
			Ed	Cristian					+	
			Appr		DOL starting 2 motors wo. safety relay - pushbutton c-trol			-	Page	9
Modification	Date	Name	Original		Replacement of	Replaced by			Page	6 / 9



			Date	29/06/2020	-	-	SCALANCE		=	
			Ed	Cristian					+	
			Appr		DOL starting 2 motors wo. safety relay - pushbutton c-trol					Page 10
Modification	Date	Name	Original		Replacement of	Replaced by		-		Page 7 / 9

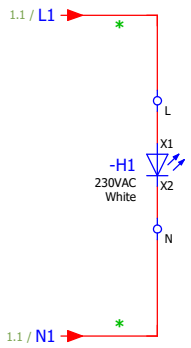


REMARK: * = CONNECTION TO BE MADE WITH SAFETY LEADS:

=CONNECTION TO BE MADE WITH POWER CABLE WITH STRANDED COOPER CONDUCTORS.

10 12

			Date	15/07/2020	-	-	DOL (Direct-On-Line) motor starting		=	
			Ed	Cristian					+	
			Appr		DOL starting 2 motors wo. safety relay - pushbutton c-trol				-	Page 11
Modification	Date	Name	Original		Replacement of	Replaced by				Page 8 / 9



230VAC VOLTAGE OK

REMARK: * = CONNECTION TO BE MADE WITH SAFETY LEADS:

11

			Date	08/07/2020	-	-	INDICATOR LIGHTS 230VAC		=	
			Ed	Cristian					+	
			Appr		DOL starting 2 motors wo. safety relay - pushbutton c-trol					
Modification	Date	Name	Original		Replacement of	Replaced by		-	Page	12
									Page	9 / 9