

CLIENT: [CUSTOMER]

PROJECT NAME: [PROJECT]

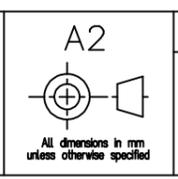
PROJECT NUMBER: XXXXXX (XXXXXX)

SWITCHGEAR TYPE: MVE 11kV "E2" SOFTSTARTER PANEL

PANEL DESIGNATION: MVE0200-V11-FC-FC-X-X-X-H-N

REVISION: 00B

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CHRISTCHURCH WEB: www.aucom.com  
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00B	21/07/17	UPDATED FOR PHASE ARM SWITCHING
00A	05/05/17	FOR INFORMATION
REV:	DATE:	REVISION NOTE:

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]	
PROJECT: [PROJECT]	
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL COVER SHEET	
FILE NAME: 770-19410-001	REV:00B
SO: XXXXXX (XXXXXX)	SHT01 of 31
SCALE:NTS	

# GENERAL TECHNICAL DATA

Rated voltage (Ur):	12 kV
Nominal operating voltage (Un):	11 kV
Network type:	TN-C
Rated frequency (fr):	50 Hz
Rated power frequency withstand voltage (Ud):	28 kV
Rated impulse lightning withstand voltage (Up):	75 kV
Rated nominal current (Ir):	200 A
Rated busbar current (Ib):	400 A
Rated short-time withstand current (Ik-tk):	20-31.5 kA / 1 s
Rated peak withstand current (Ip):	63 kA
Loss of service continuity:	LSC2
Partition class:	PM
Control voltage - main (Uc):	230 VAC (+10%/-15%)
Control voltage - auxiliary (Uaux):	230 VAC (+10%/-15%)
Degree of protection:	IP 54
Panel colour:	RAL 7035
Panel dimensions (HxWxD mm):	2200 x 1150 x 1200 mm
Weight:	1000 kg
Operating temperature:	- 5 to + 50 degrees celcius
Altitude:	< 1000 m
Humidity:	95 % non-condensing
MV supply cable entry:	Bottom or Top
MV motor cable exit:	Bottom or Top
LV control cable entry:	Bottom or Top

CONDUCTOR FUNCTION	CONDUCTOR SIZE	CONDUCTOR TYPE	CONDUCTOR COLOUR
MV - L1 (3 phase)	30 x 10 mm	CU busbar	Tinned
MV - L2 (3 phase)	30 x 10 mm	CU busbar	Tinned
MV - L3 (3 phase)	30 x 10 mm	CU busbar	Tinned
E (MV system earth)	40 x 6 mm	CU busbar	Tinned
LV - L1 (3 phase)	1.5 to 4.0 mm <sup>2</sup>	H07 V-K	Brown (Bn)
LV - L2 (3 phase)	1.5 to 4.0 mm <sup>2</sup>	H07 V-K	Black (Bk)
LV - L3 (3 phase)	1.5 to 4.0 mm <sup>2</sup>	H07 V-K	Grey (Gy)
LV - N (3 phase)	1.5 to 4.0 mm <sup>2</sup>	H07 V-K	Blue (Bu)
CT circuits	1.5 to 4.0 mm <sup>2</sup> (twisted pair)	H07 V-K	Red/White (Rd =S1 [k] / Wh =S2 [l])
L 110 - 230 VAC (1 phase)	1.5 mm <sup>2</sup>	H07 V-K	Red (Rd)
N 110 - 230 VAC (1 phase)	1.5 mm <sup>2</sup>	H07 V-K	Red (Rd)
L 24 VAC (1 phase)	1.5 mm <sup>2</sup>	H07 V-K	Brown (Bn)
N 24 VAC (1 phase)	1.5 mm <sup>2</sup>	H07 V-K	Brown (Bn)
DC + (24 - 30 V)	1.5 mm <sup>2</sup>	H07 V-K	Blue (Bu)
DC - (24 - 30 V)	1.5 mm <sup>2</sup>	H07 V-K	Blue (Bu)
DC + (48 - 220 V)	1.5 mm <sup>2</sup>	H07 V-K	Grey (Gy)
DC - (48 - 220 V)	1.5 mm <sup>2</sup>	H07 V-K	Grey (Gy)
PE (LV protective earth)	1.5 mm <sup>2</sup>	H07 V-K	Green/Yellow (Gn/Ye)
PE (MV protective earth)	16 mm <sup>2</sup>	H07 V-K	Green/Yellow (Gn/Ye)
External control circuits	1.5 mm <sup>2</sup>	H07 V-K	Orange (Or)
Analog circuits	1.5 mm <sup>2</sup>	H07 V-K	Blue (Bu)
Zero potential circuits	1.5 mm <sup>2</sup>	H07 V-K	White (Wh)

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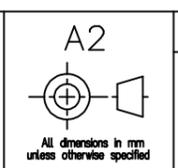
00B	21/07/17	UPDATED FOR PHASE ARM SWITCHING
00A	05/05/17	FOR INFORMATION
REV:	DATE:	REVISION NOTE:

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]	
PROJECT: [PROJECT]	
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL	
CONDUCTOR DETAILS	
FILE NAME: 770-19410-003	REV:00B
SO: XXXXXX (XXXXX)	SHT03 of 31
SCALE:NTS	

TAGS	MANUFACTURER	CATALOG DESCRIPTION	CATALOG NUMBER	RATING/FUNCTION	QUANTITY
A1-1_6,A1-2_6,A1-3_6	AUCOM ELECTRONICS	MVE PHASE ARM ASSEMBLY	MVE-0200-V11-C12	200A/11kV	3
A3_14	AUCOM ELECTRONICS	INTERFACE BOARD	990-15436-00		1
A4_15	AUCOM ELECTRONICS	MV CONTROLLER	991-08093-00	MULTILINGUAL	1
A7-1_13,A7-2_13,A7-3_13	AUCOM ELECTRONICS	MVE GATE DRIVER BOARD 11kV	990-18978-00		3
CT6.1,CT6.2,CT6.3	AUCOM	CURRENT TRANSFORMER	1000/1A, 5P30, 1VA	MVE LINE CTs	3
E10.1,E10.2	XINJI ELECTRIC	PANEL SPACE HEATER	HC-75S-110V		2
G12.1	DELTA	POWER SUPPLY (IN: 85-276VAC/88-375VDC, OUT: 24VDC/20A)	DRM-24V480W 1PN		1
K14.1	FINDER	RELAY - DPDT (24VDC)	58.32.9.024.0050	PHASE ARM CONTROL	1
K15.1,K16.1,K18.2,K20.1,K24.1	FINDER	RELAY - 4PDT (24VDC)	58.34.9.024.0050	GENERAL CONTROL	5
K17.1	SIEMENS	CONTACTOR (12kV/450A, 5kA, 28/75kV, FXD SCO 230VAC)	3TM3431-1QA60-0AC0- Z B00 F20	LINE CONTACTOR	1
K18.1	SIEMENS	CONTACTOR (12kV/450A, 5kA, 28/75kV, FXD SCO 230VAC)	3TM3431-1QA60-0AC0- Z B00 F20	BYPASS CONTACTOR	1
M20.1	DIRAK Gmbh	PANEL DOOR INTERLOCKING HANDLE	ELINE MLE1101 24V-9m	MV FRONT DOOR	1
P15.1	SIEMENS	INDICATOR, 22mm BLACK PLASTIC (YELLOW/24V)	3SU1102-6AA30-1AA0	TRIP	1
P17.1,P18.1	SIEMENS	INDICATOR, 22mm BLACK PLASTIC (GREEN/24V)	3SU1102-6AA40-1AA0	OPEN STATUS	2
P17.2,P18.2	SIEMENS	INDICATOR, 22mm BLACK PLASTIC (RED/24V)	3SU1102-6AA20-1AA0	CLOSED STATUS	2
Q10.1	SIEMENS	MINIATURE CIRCUIT BREAKER 6A, 6kA, C, 2 POLE	5SY6206-7	AUXILIARY SUPPLY	1
Q11.1	SIEMENS	MINIATURE CIRCUIT BREAKER 10A, 6kA, C, 2 POLE	5SY6210-7	CONTROL SUPPLY	1
Q12.1,Q12.2	SIEMENS	MINIATURE CIRCUIT BREAKER 16A, 6kA, C, 2 POLE	5SY6216-7	24V D C SUPPLIES	2
S10.1	PFANNENBERG	THERMOSTAT - PANEL HEATER	FLZ520	-20 to +60oC	1
S14.1	KRAUS & NAIMER	SST/DOL+/DOL SWITCH (5 POLE/3 POSITION, STANDARD OPERATION)	CA10-NZ0541-NZ0001-FT2		1
S15.1	SIEMENS	PUSHBUTTON, MOMENTARY, 22mm BLACK (BLUE, RESET)	3SU1000-0AB50-0AA0 Z (Y19)	MVE RESET	1
S16.1	SIEMENS	EMERGENCY STOP PUSHBUTTON, LATCHING (RED, 30mm)	3SU1000-1GB20-0AA0	MVE EMERGENCY STOP	1
S16.1	SIEMENS	EMERGENCY STOP, PROTECTIVE COLLAR (YELLOW, 180o)	3SU1900-0DY30-0AA0	MVE EMERGENCY STOP	1
S16.1	SIEMENS	EMERGENCY STOP, BACKING PLATE (YELLOW ADHESIVE)	3SU1900-0BC31-0DA0	MVE EMERGENCY STOP	1
S15.1,S16.1	SIEMENS	CONTACT MODULE, SCREW TERMINAL (1NC)	3SU1400-1AA10-1CA0		3
S15.1,S16.1,S19.1	SIEMENS	HOLDER FOR 3 MODULES, PLASTIC	3SU1500-0AA10-0AA0		3
S20.1	IBB GmbH	DOOR POSITION LIMIT SWITCH (I88-SU1Z-W)	618.6153.525	MV FRONT DOOR	1
VS_9.1,VS_9.2,VS_9.3	AUCOM ELECTRONICS	MVE VOLTAGE DIVIDER ASSEMBLY	991-12644-00		3
X1,X2,X10,X11	PHOENIX	TERMINAL-SINGLE	UK 5 N		19
X1,X2	PHOENIX	TERMINAL-SINGLE, EARTH	USLKG 5		3
X3,X4,X5	PHOENIX	TERMINAL-DOUBLE TIER	QTTCBS 1.5		56
X3,X4,X5	PHOENIX	TERMINAL-DOUBLE TIER, EARTH	QTTCBS 1.5-PE		2
XCT8.1	PHOENIX	CT TEST BLOCK (3 PHASE)	PH 5921498 (UTME AUCOM KIT)		1

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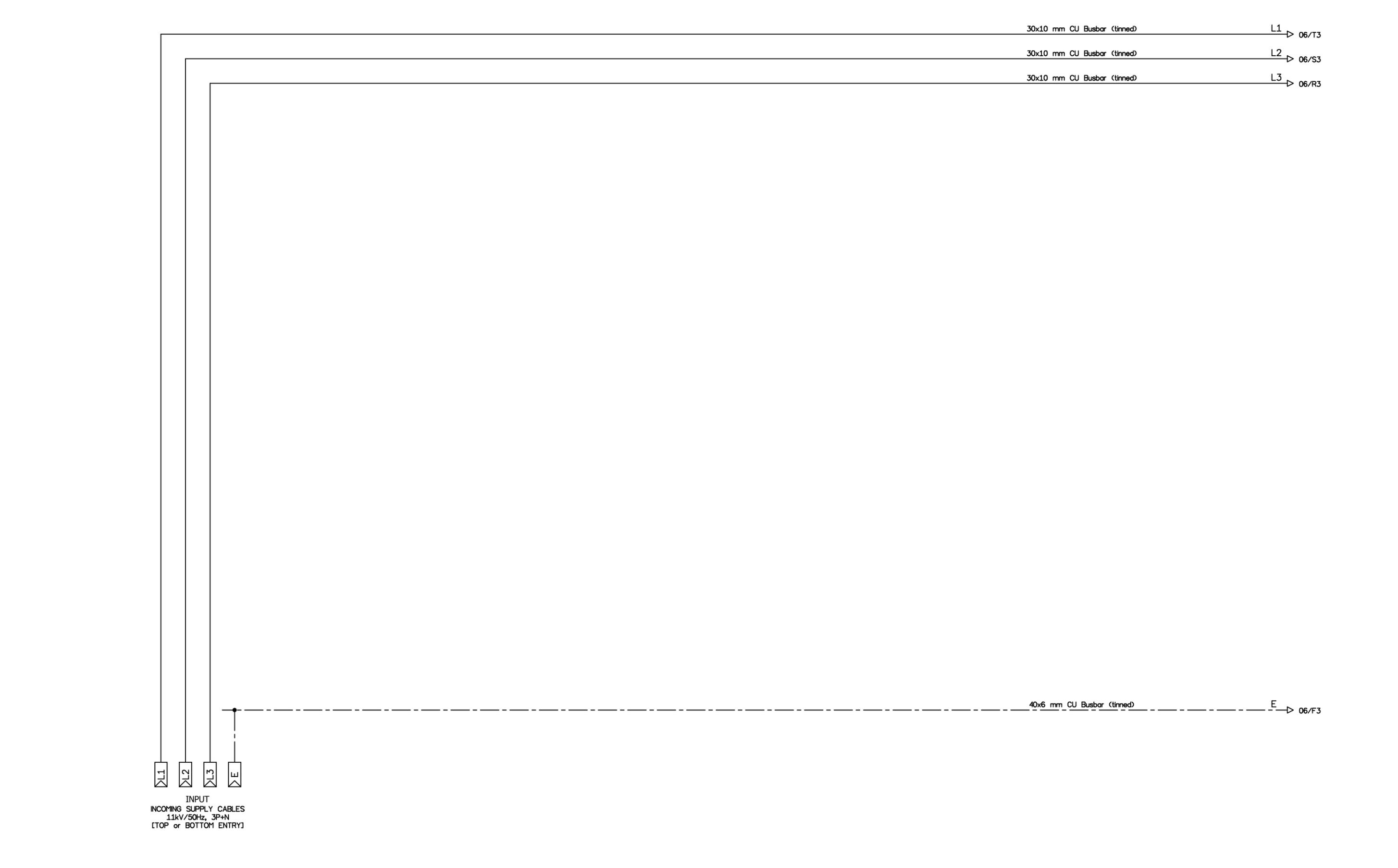
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REV:	DATE:	REVISION NOTE:

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]	
PROJECT: [PROJECT]	
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL	
BILL OF MATERIALS	
FILE NAME: 770-19410-004	REV: 00B
SO: XXXXXX (XXXXX)	SHT04 of 31
SCALE: NTS	

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29



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A2

All dimensions in mm unless otherwise specified

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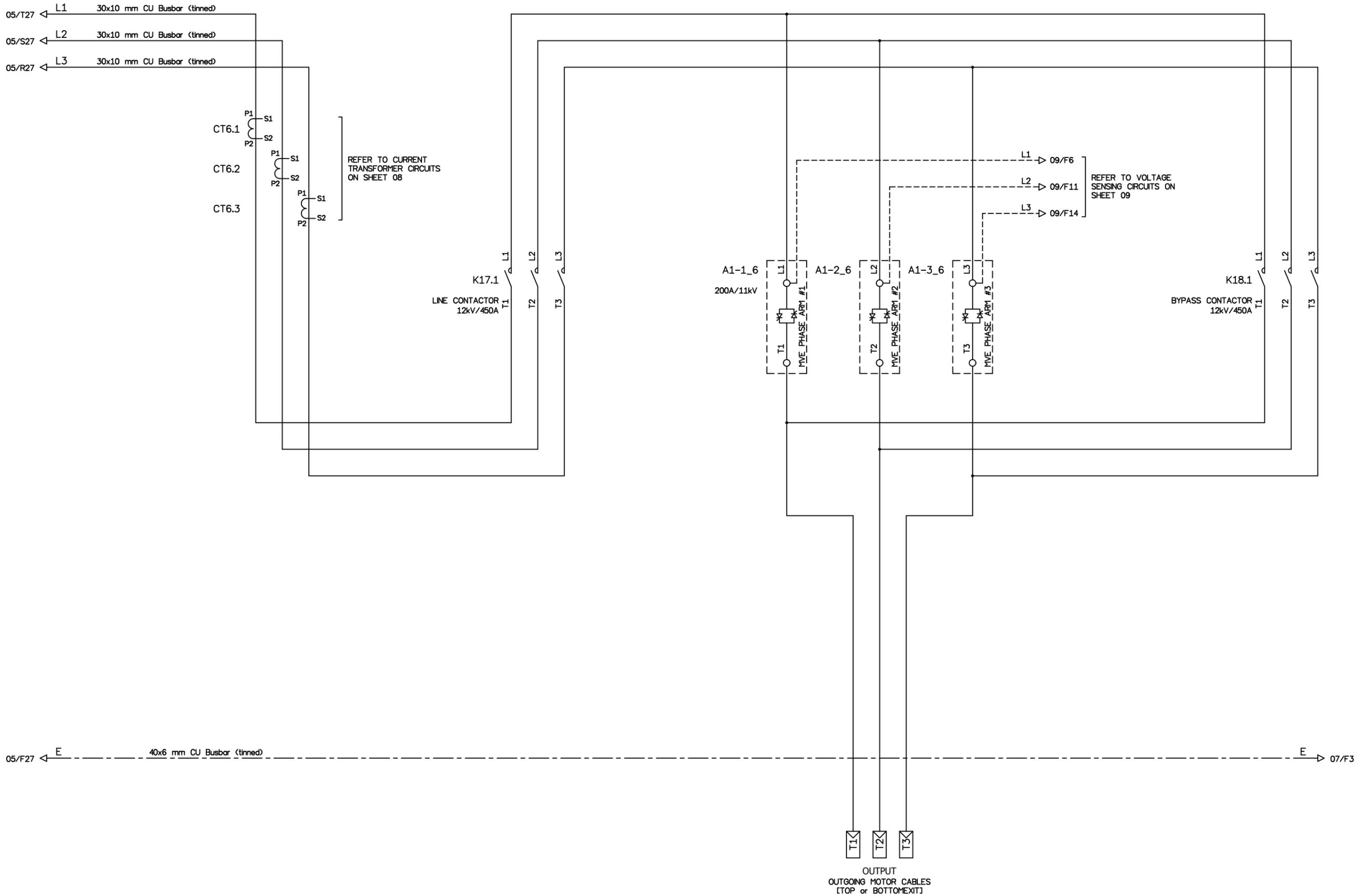
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DATE:	05/05/17
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APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - MV POWER		
FILE NAME: 770-19410-005	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT05 of 31	

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29



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**A2**  
  
All dimensions in mm  
unless otherwise specified

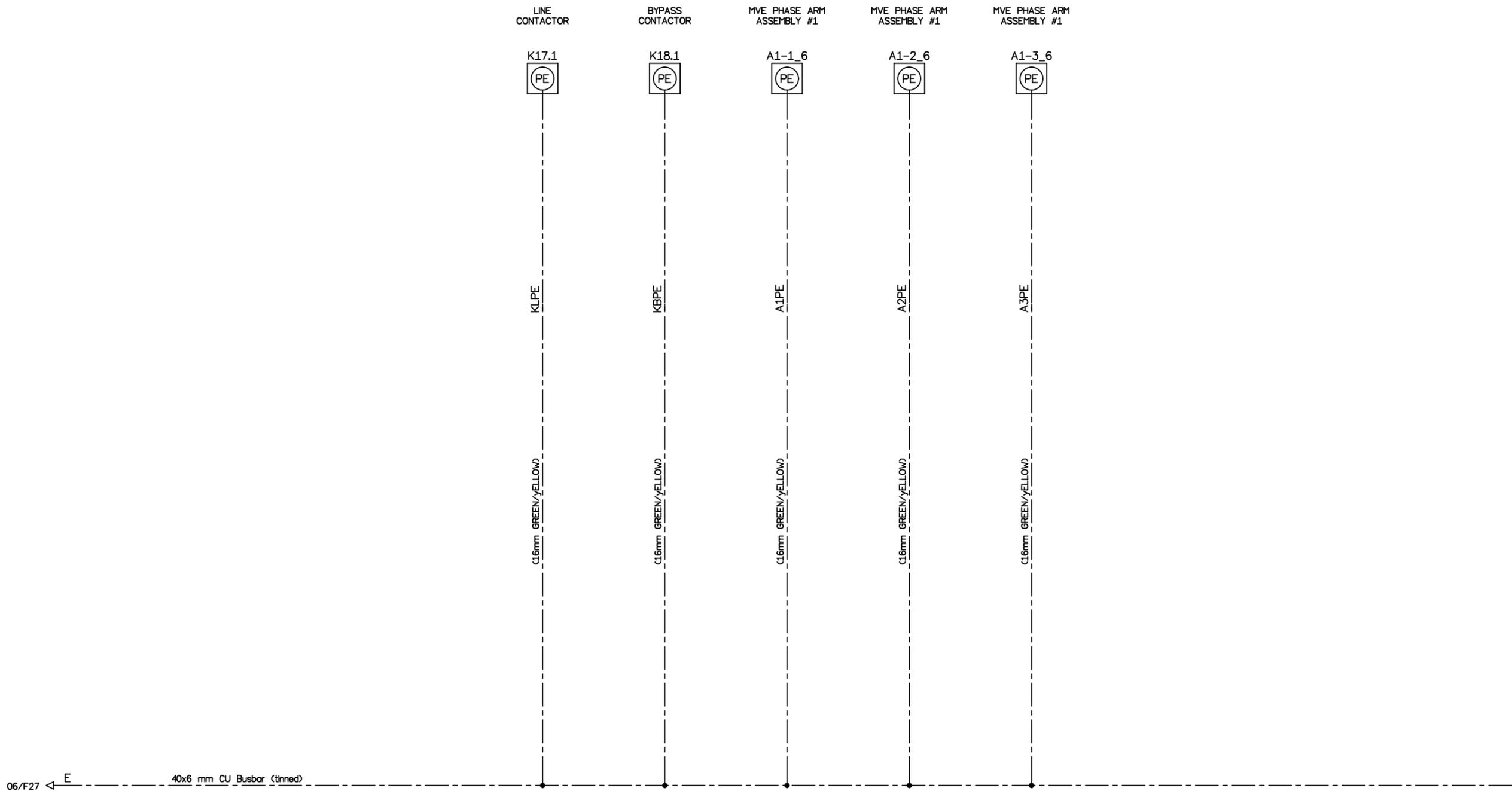
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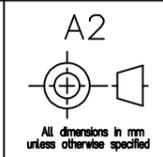
00B	21/07/17	UPDATED FOR PHASE ARM SWITCHING
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DATE:	05/05/17
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CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]	
PROJECT: [PROJECT]	
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL	
CIRCUIT DIAGRAM - MV POWER	
FILE NAME: 770-19410-006	REV:00B
SO: XXXXXX (XXXXX)	SHT06 of 31
SCALE:NTS	



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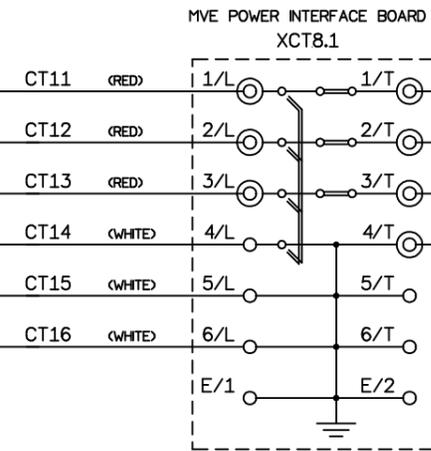
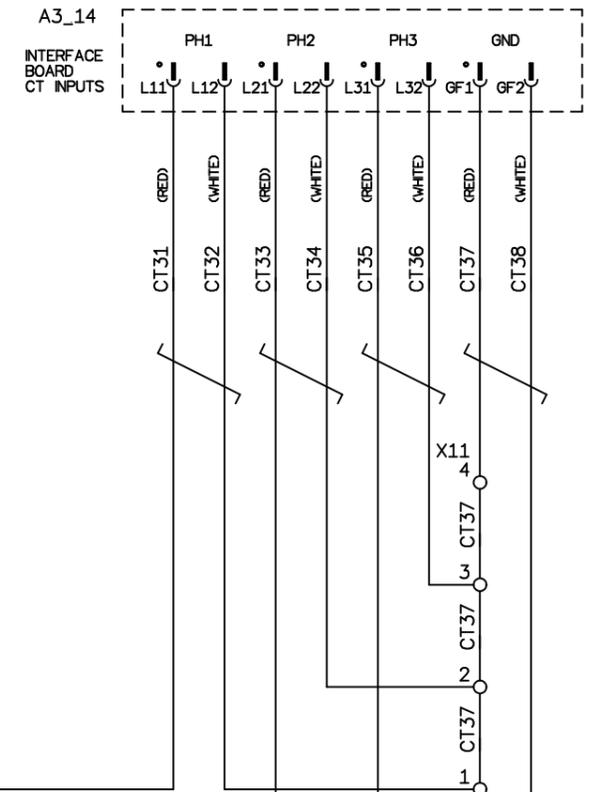
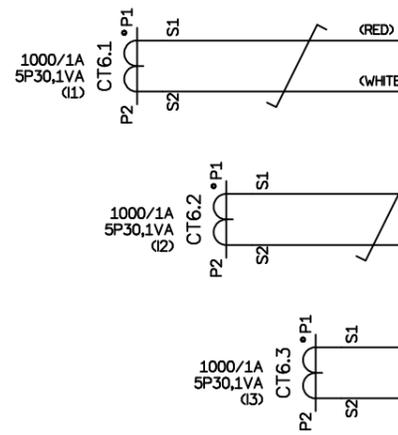
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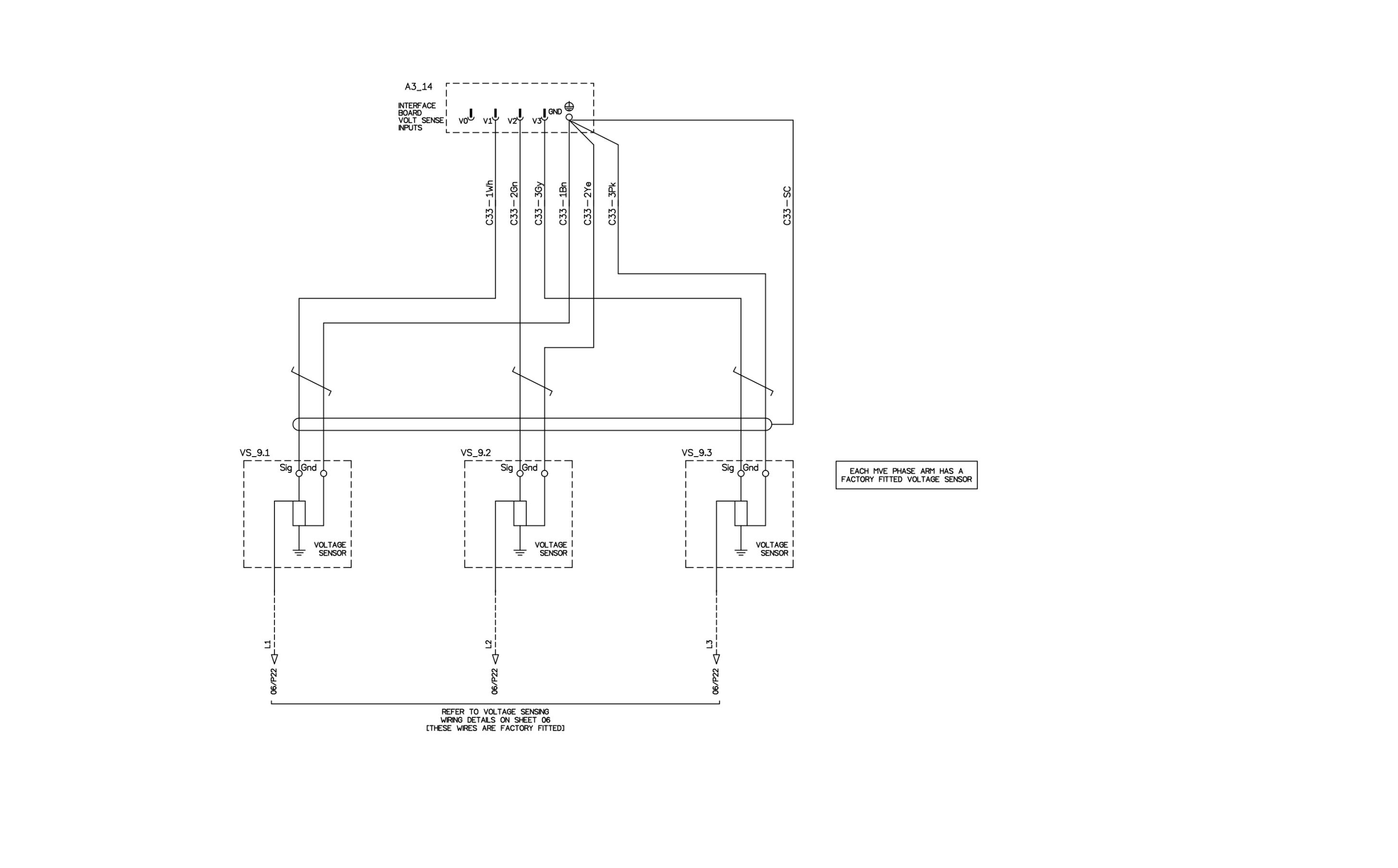
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APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - MV EARTH BONDING		
FILE NAME: 770-19410-007	REV:00B	SCALE:NTS
SO: XXXXXX (XXXXX)	SHT07 of 31	





EACH MVE PHASE ARM HAS A FACTORY FITTED VOLTAGE SENSOR

REFER TO VOLTAGE SENSING WIRING DETAILS ON SHEET 06 [THESE WIRES ARE FACTORY FITTED]

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**A2**  
  
All dimensions in mm unless otherwise specified

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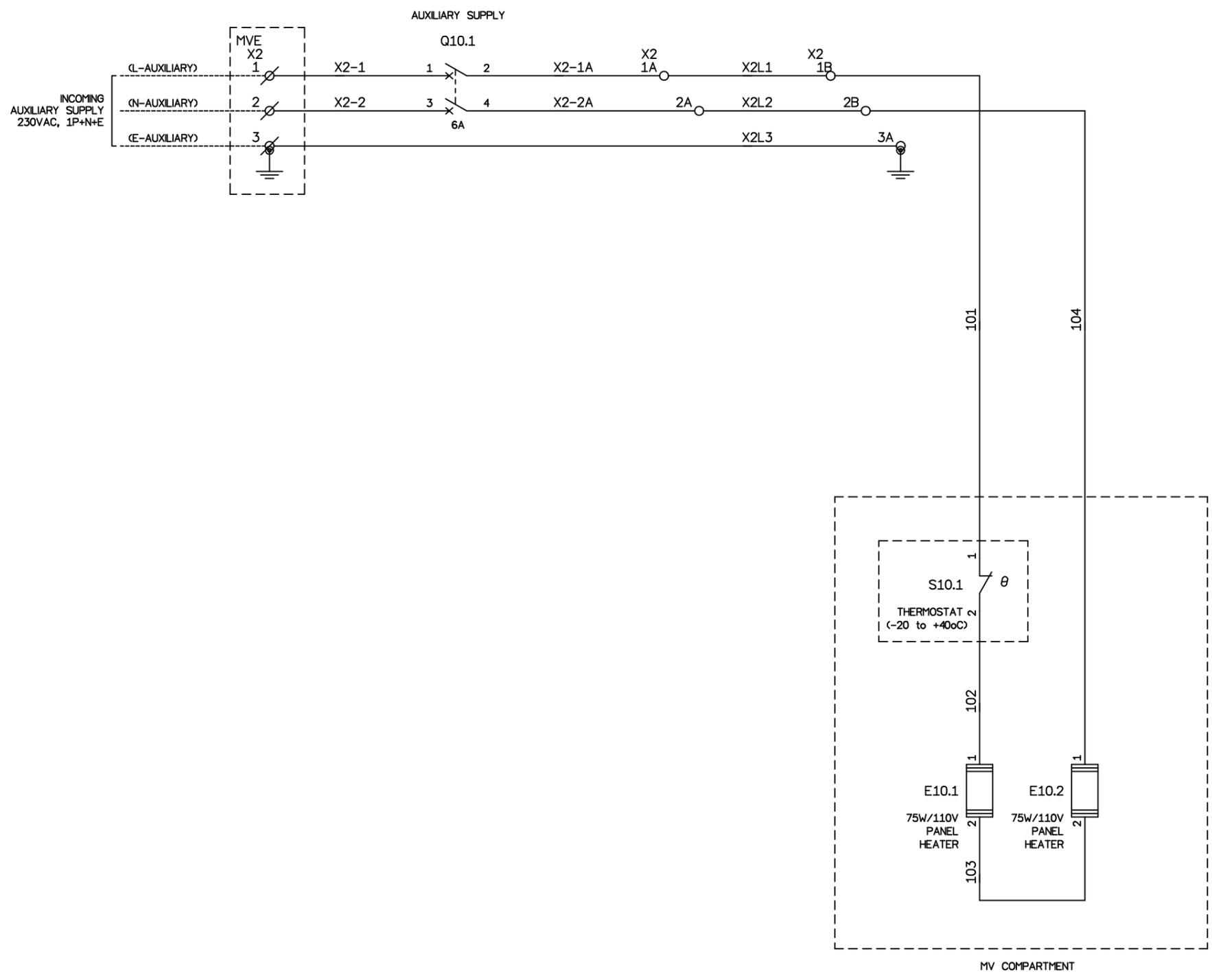
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APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - VOLTAGE SENSING CONNECTIONS		
FILE NAME: 770-19410-009	REV:00B	SCALE:NTS
SO: XXXXXX (XXXXX)	SHT09 of 31	



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**A2**  
  
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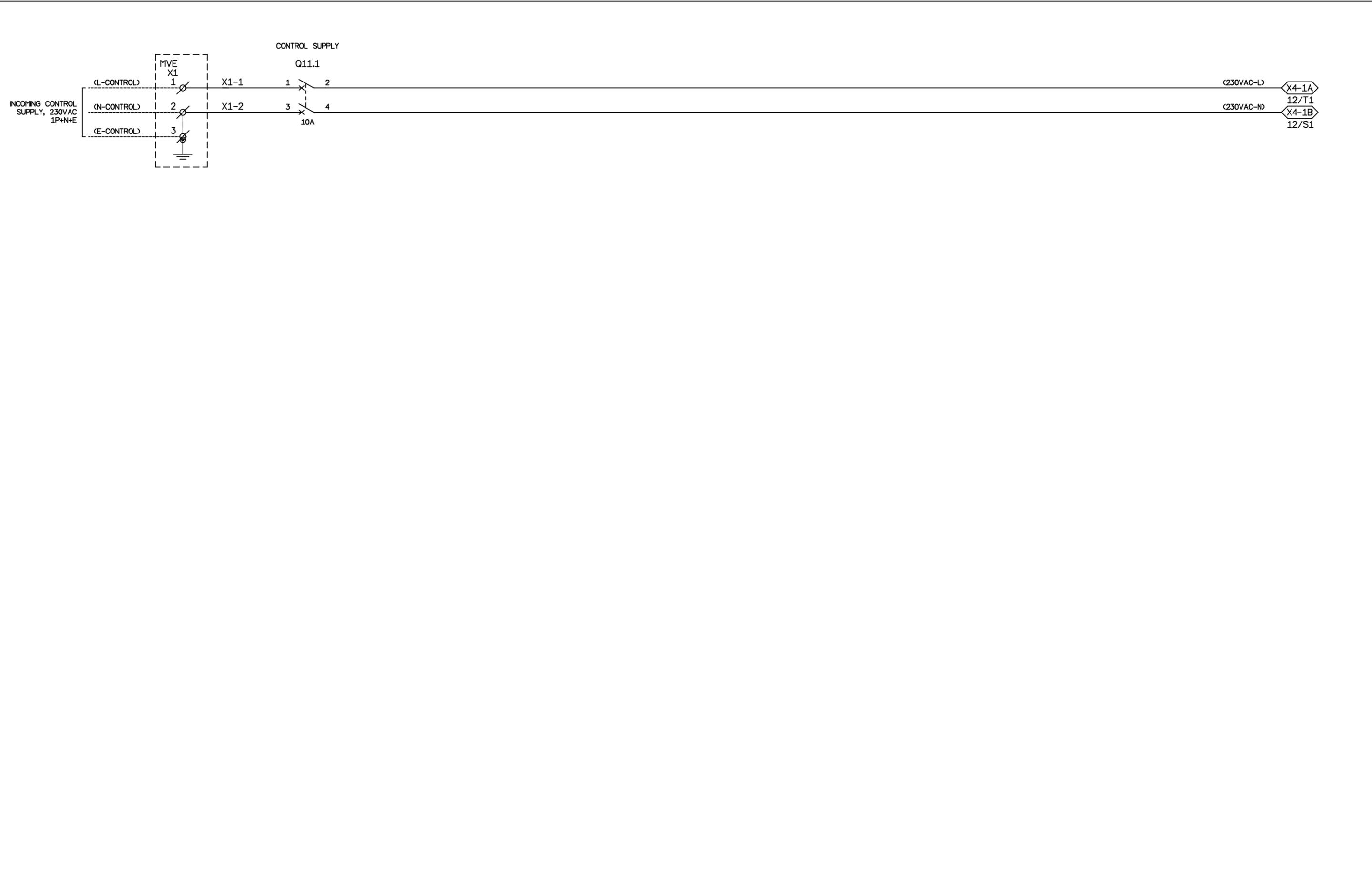
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CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - INCOMING AUXILIARY SUPPLY (230VAC)		
FILE NAME:	770-19410-010	REV: 00B
SO:	XXXXXX (XXXXX)	SHT10 of 31
SCALE:	NTS	



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A2  
  
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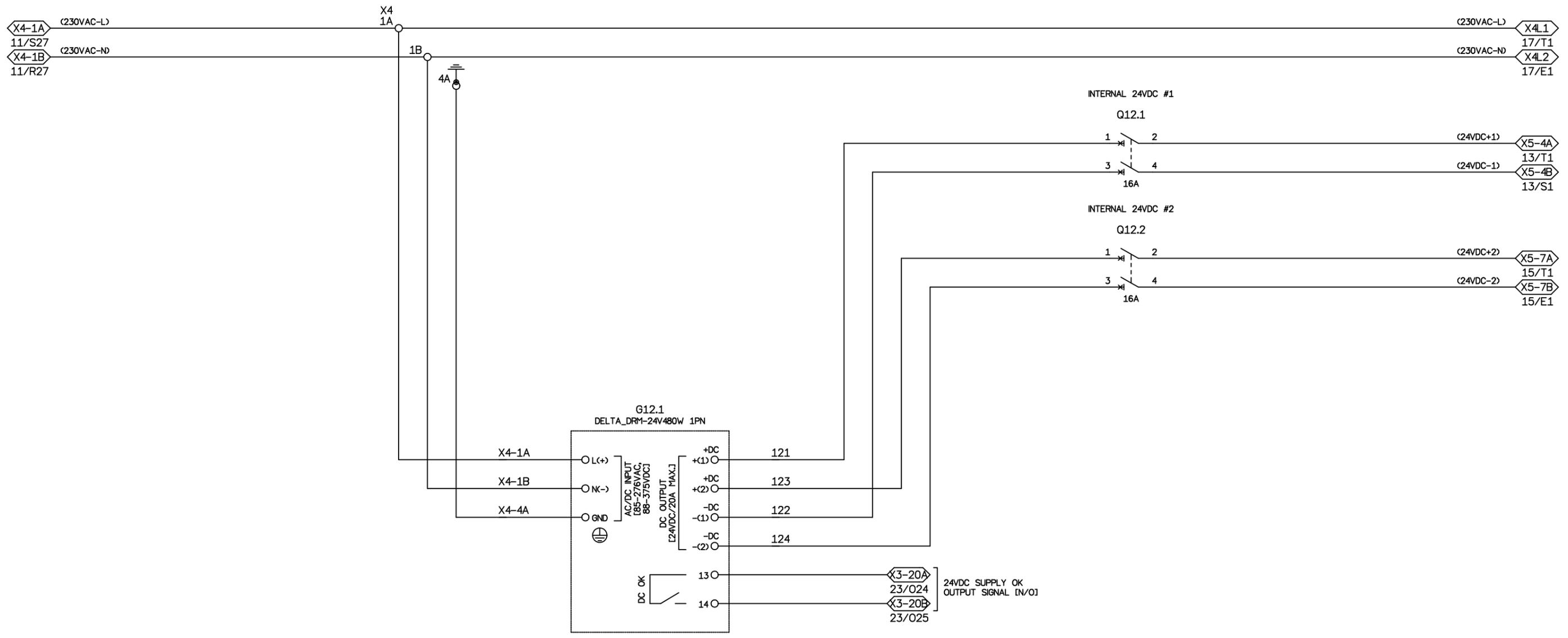
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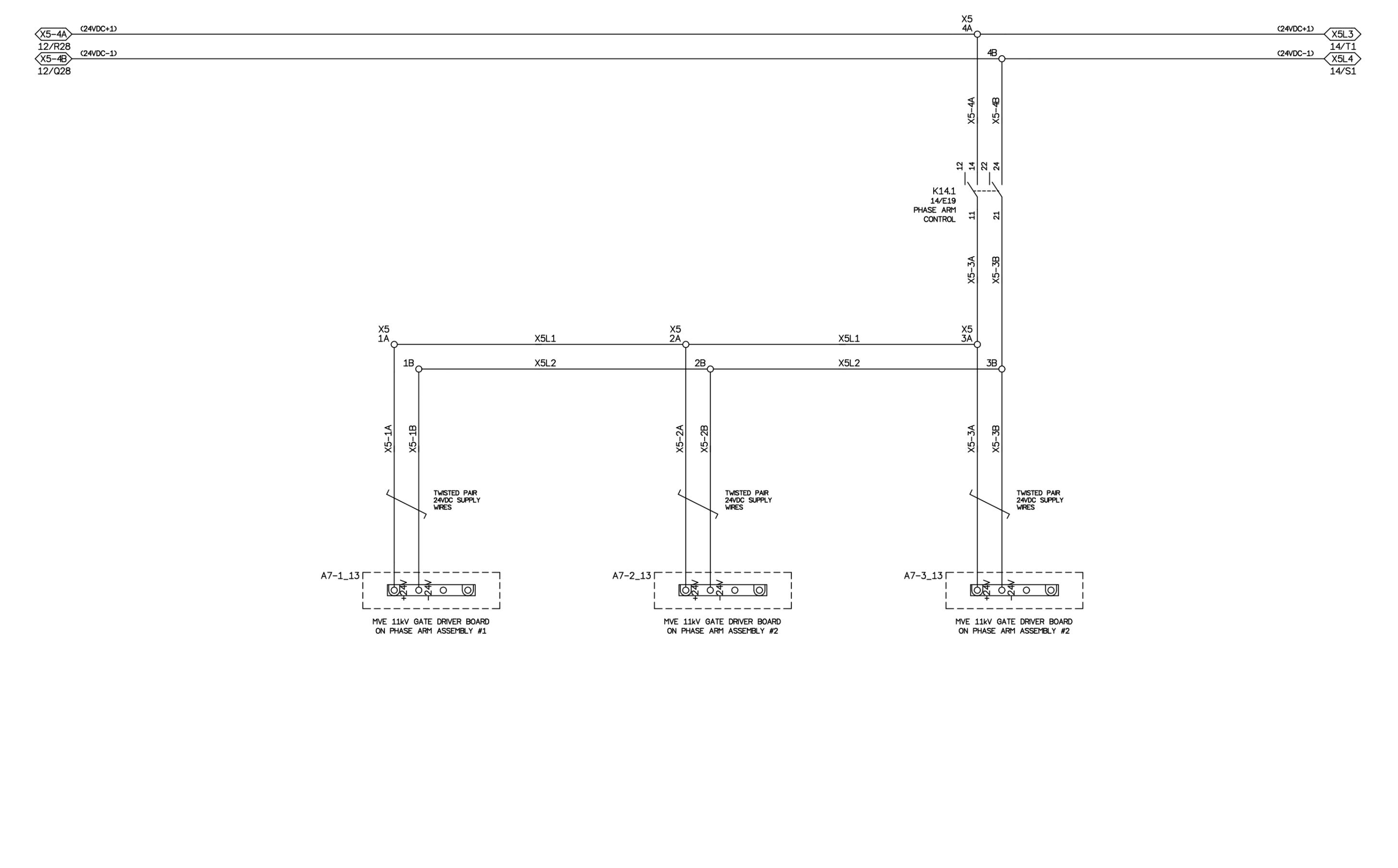
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APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - INCOMING CONTROL SUPPLY (230VAC)		
FILE NAME: 770-19410-011	REV:00B	SCALE:NTS
SO: XXXXXX (XXXXX)	SHT11 of 31	





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A2  
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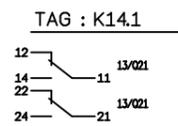
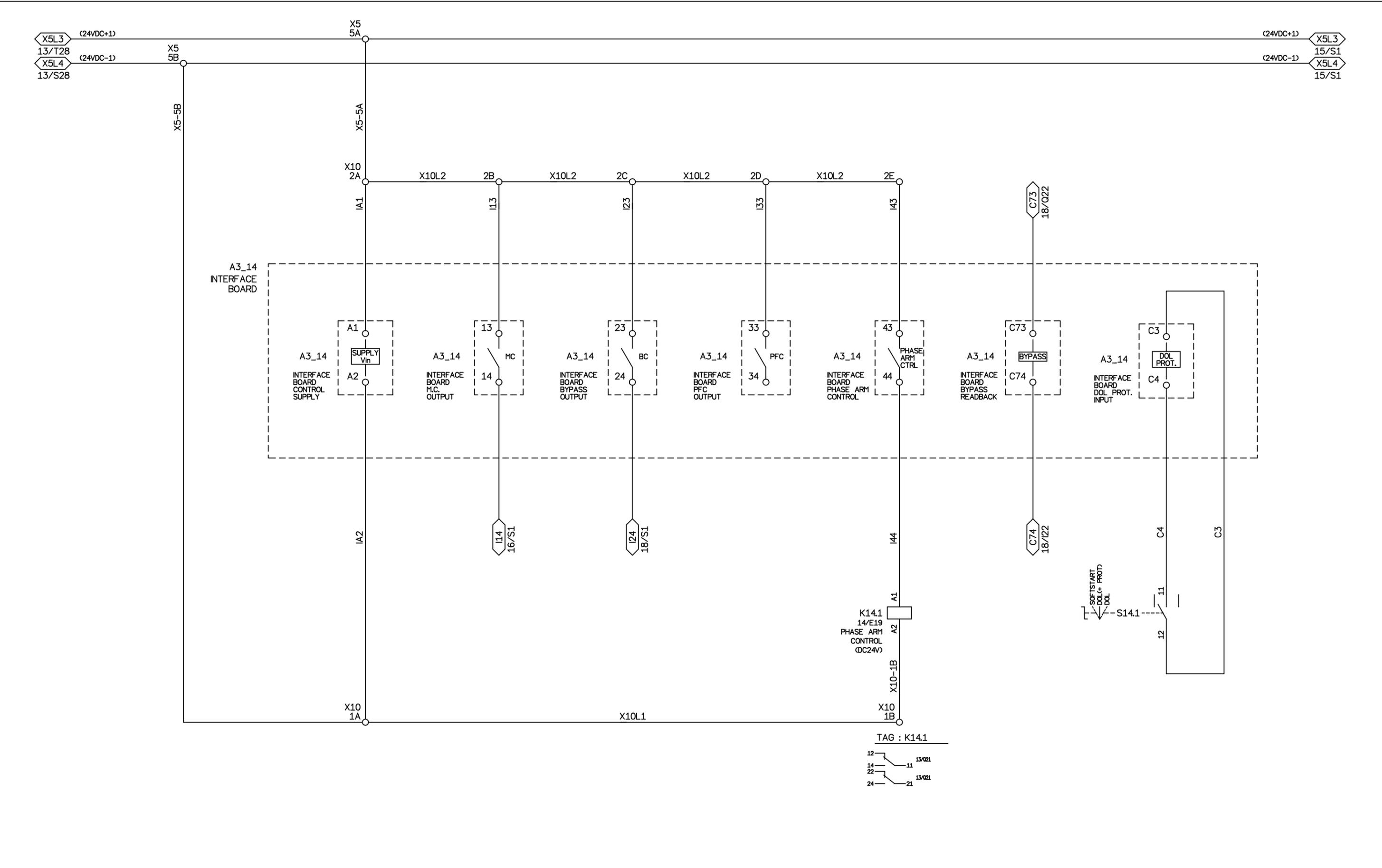
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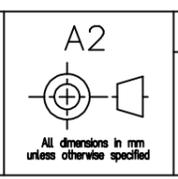
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CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - PHASE ARM DC SUPPLY (24VDC)		
FILE NAME: 770-19410-013	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT 13 of 31	



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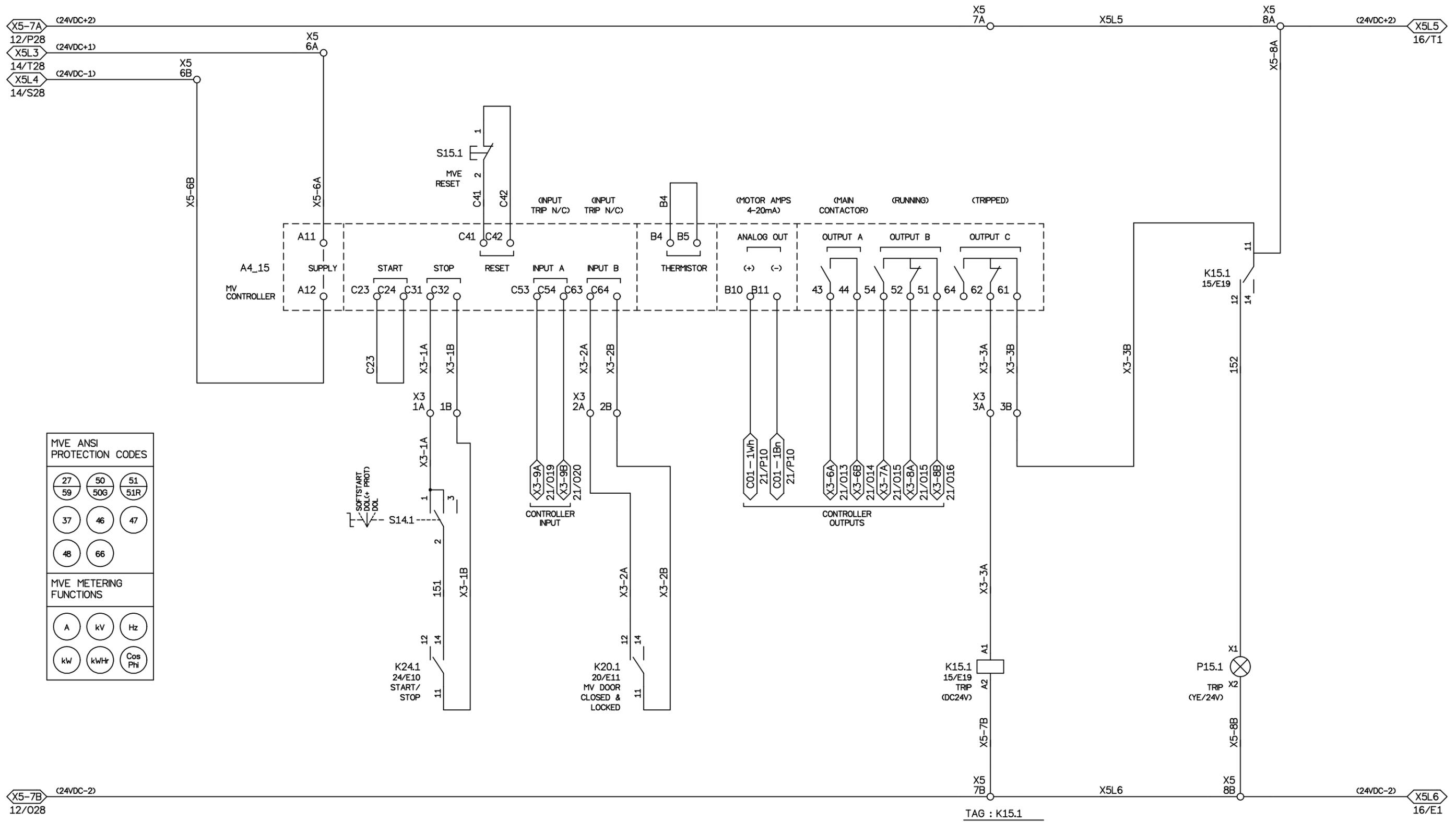
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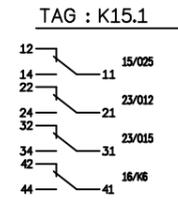
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00A	05/05/17	FOR INFORMATION
REV:	DATE:	REVISION NOTE:

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - MVE INTERFACE BOARD		
FILE NAME: 770-19410-014	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT 14 of 31	



MVE ANSI PROTECTION CODES		
27	50	51
59	50G	51R
37	46	47
48	66	
MVE METERING FUNCTIONS		
A	kV	Hz
kw	kWhr	Cos Phi



REFERENCES:

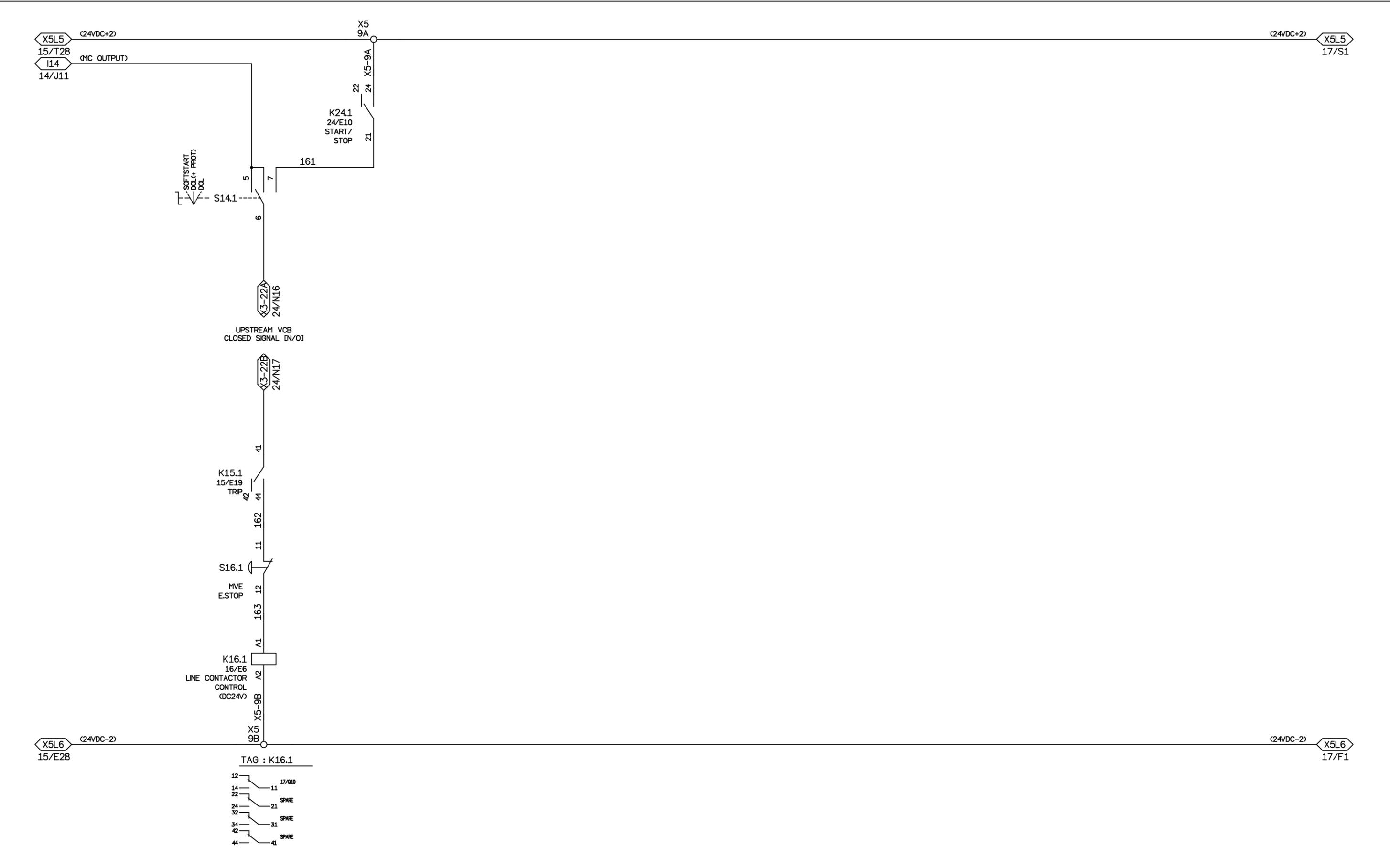
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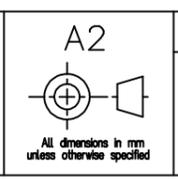
00B	21/07/17	UPDATED FOR PHASE ARM SWITCHING	
00A	05/05/17	FOR INFORMATION	
REV:	DATE:	REVISION NOTE:	

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]			
PROJECT: [PROJECT]			
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL			
CIRCUIT DIAGRAM - MVE CONTROLLER			
FILE NAME:	770-19410-015	REV:00B	SCALE:NTS
SO: XXXXXX (XXXXX)	SHT15 of 31		



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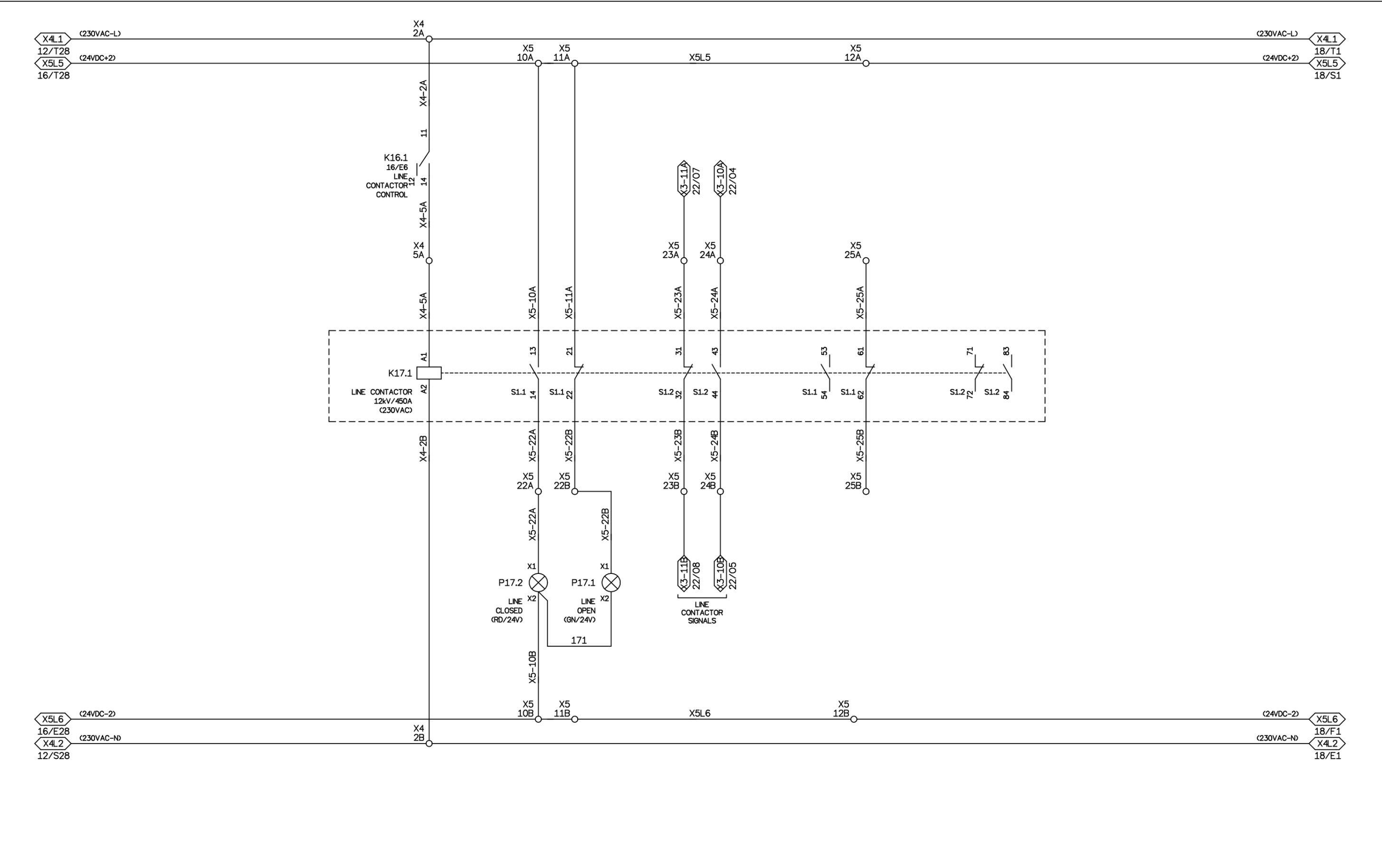
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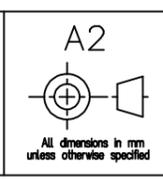
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00A	05/05/17	FOR INFORMATION	
REV:	DATE:	REVISION NOTE:	

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - LINE CONTACTOR CONTROL		
FILE NAME: 770-19410-016	REV:00B	SCALE:NTS
SO: XXXXXX (XXXXX)	SHT16 of 31	



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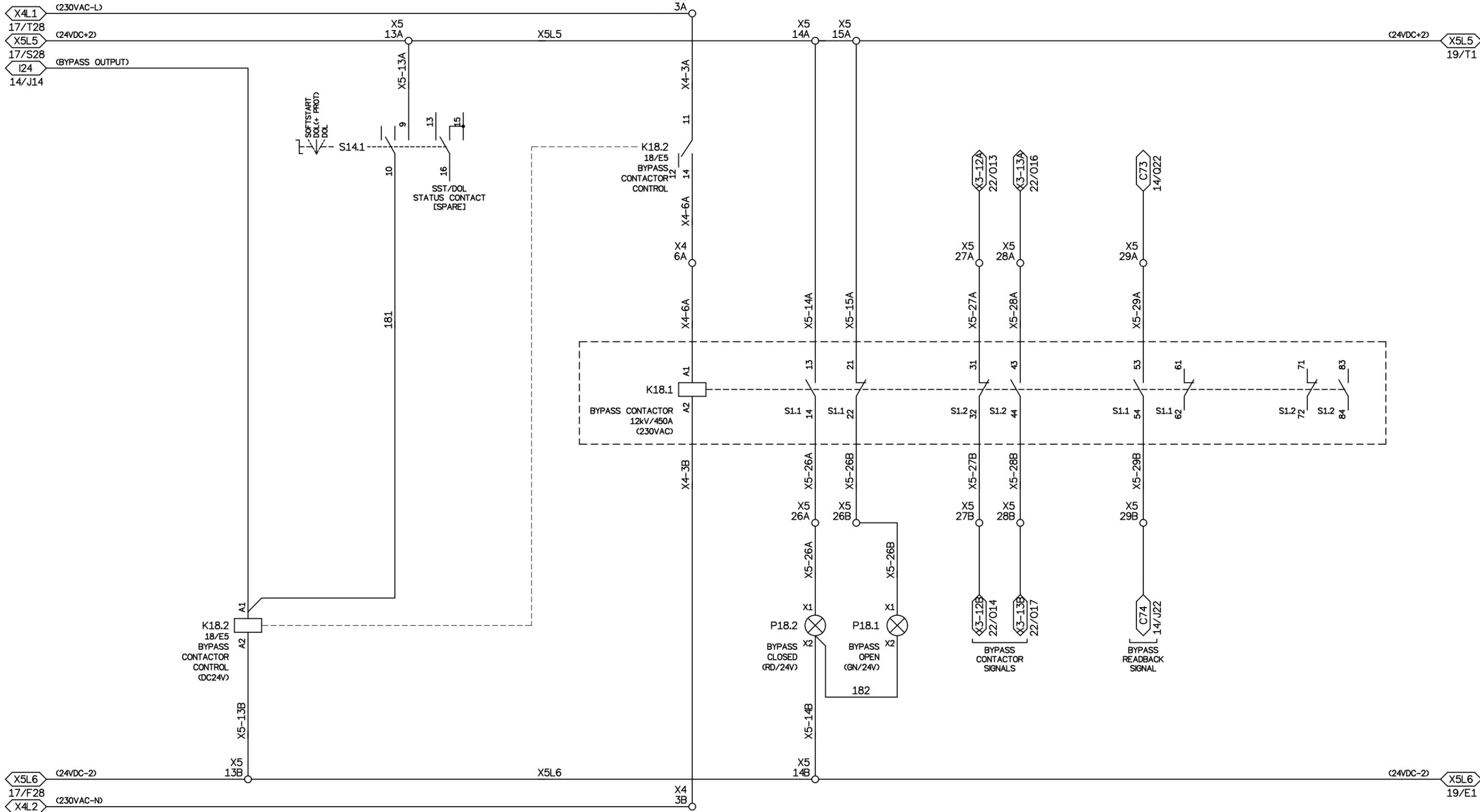
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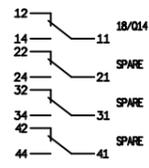
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00A	05/05/17	FOR INFORMATION
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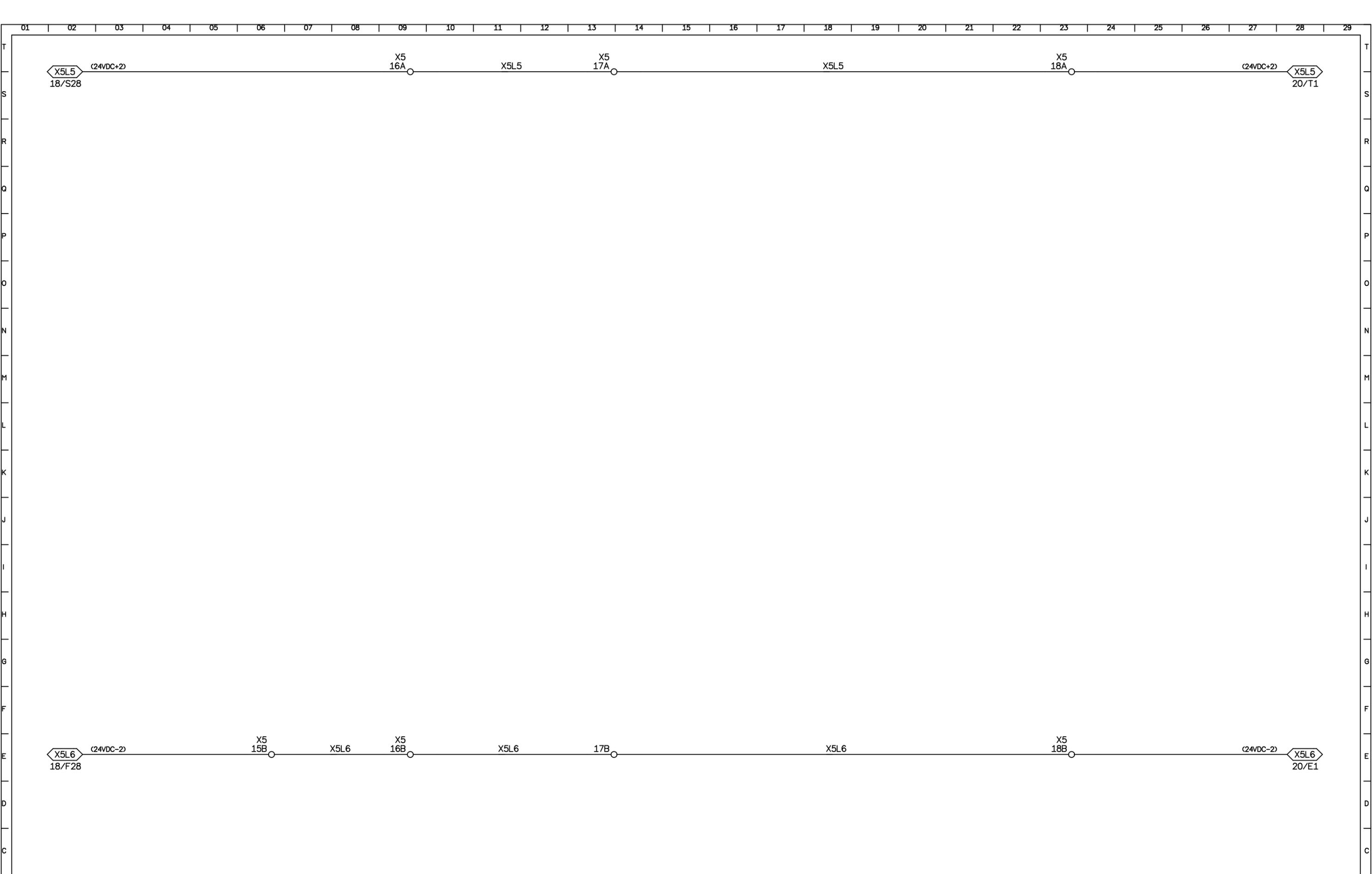
DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - LINE CONTACTOR CONTROL		
FILE NAME: 770-19410-017	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT 17 of 31	



TAG : K18.2





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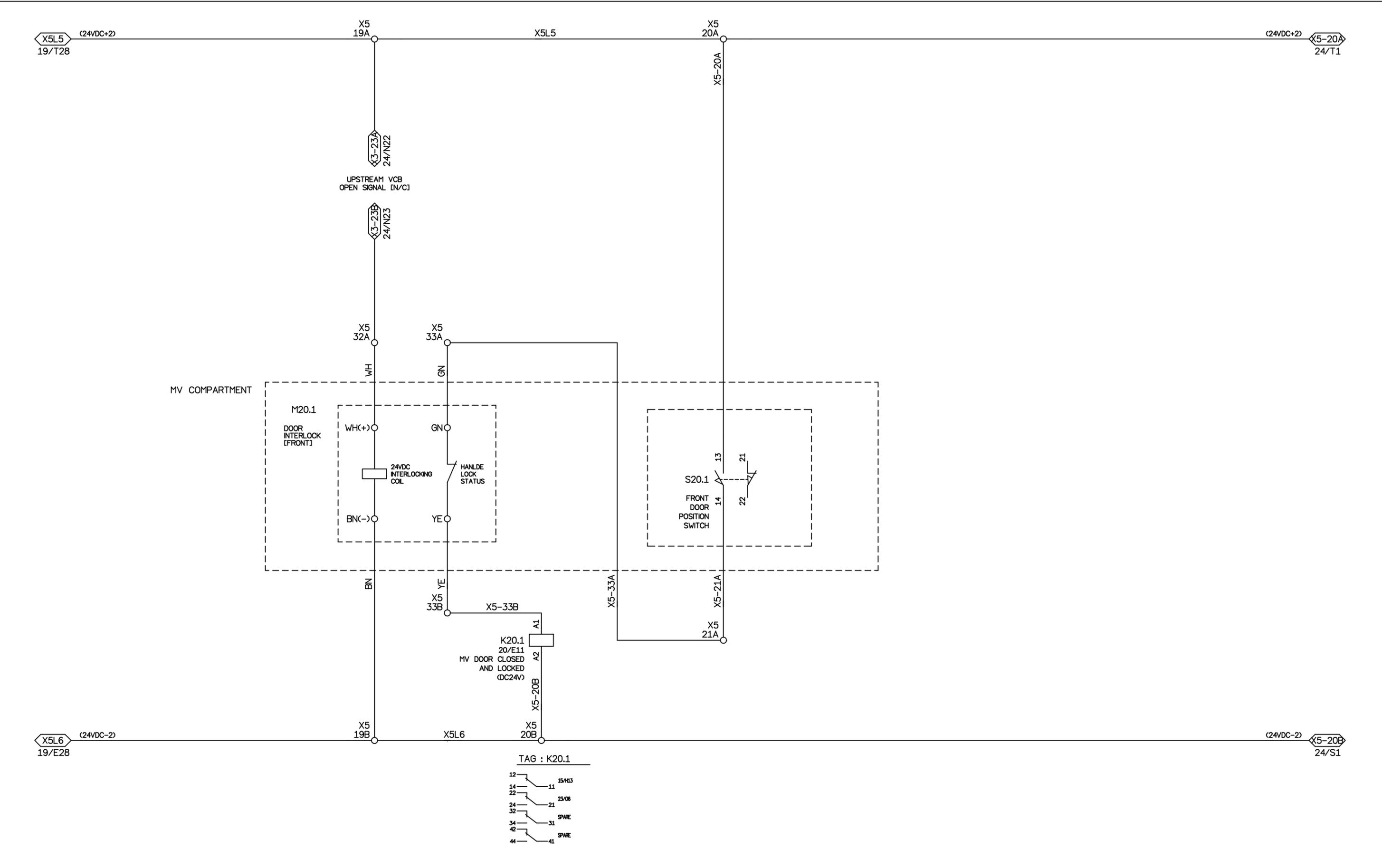
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00A	05/05/17	FOR INFORMATION
REV:	DATE:	REVISION NOTE:

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

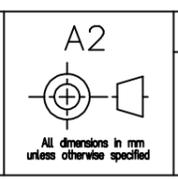
CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - DISCONNECTOR/EARTH SWITCH CONTROL		
FILE NAME: 770-19410-019	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT 19 of 31	



TAG : K20.1

- 12 --- 15/H13
- 14 --- 23/06
- 22 --- 21
- 24 --- SPARE
- 32 --- SPARE
- 34 --- 31
- 42 --- SPARE
- 44 --- 41

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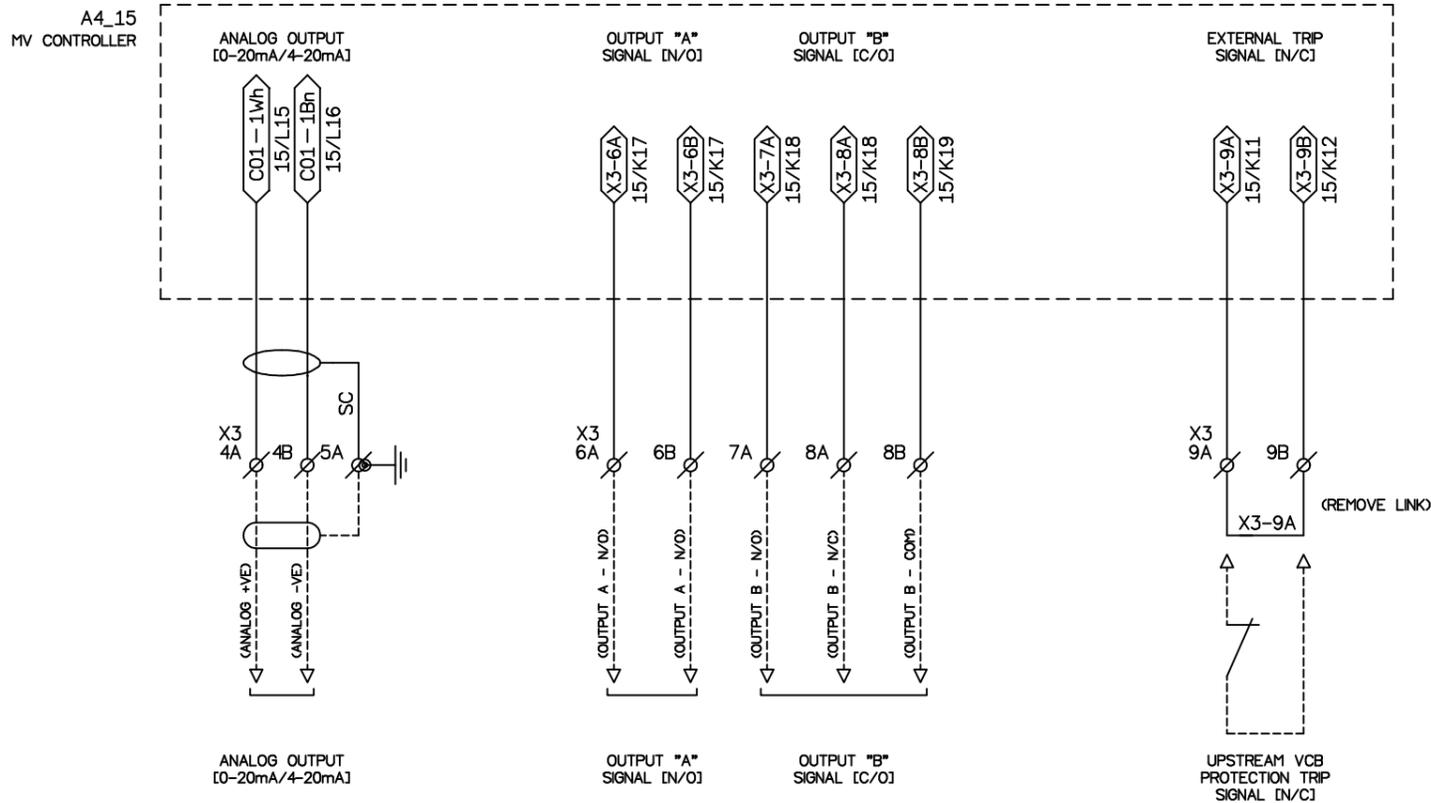
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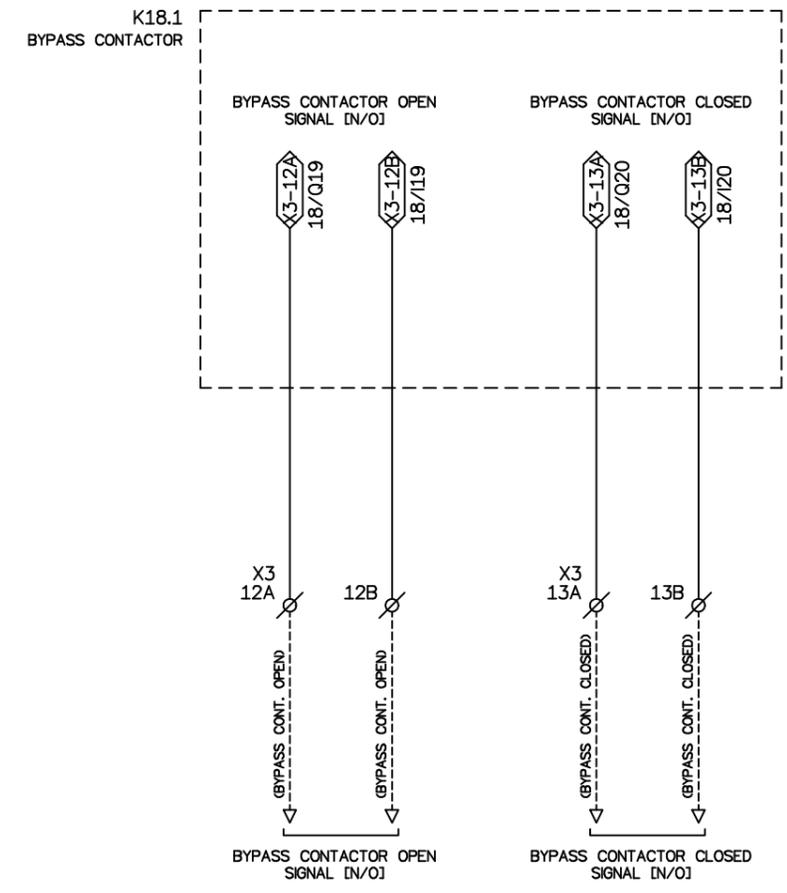
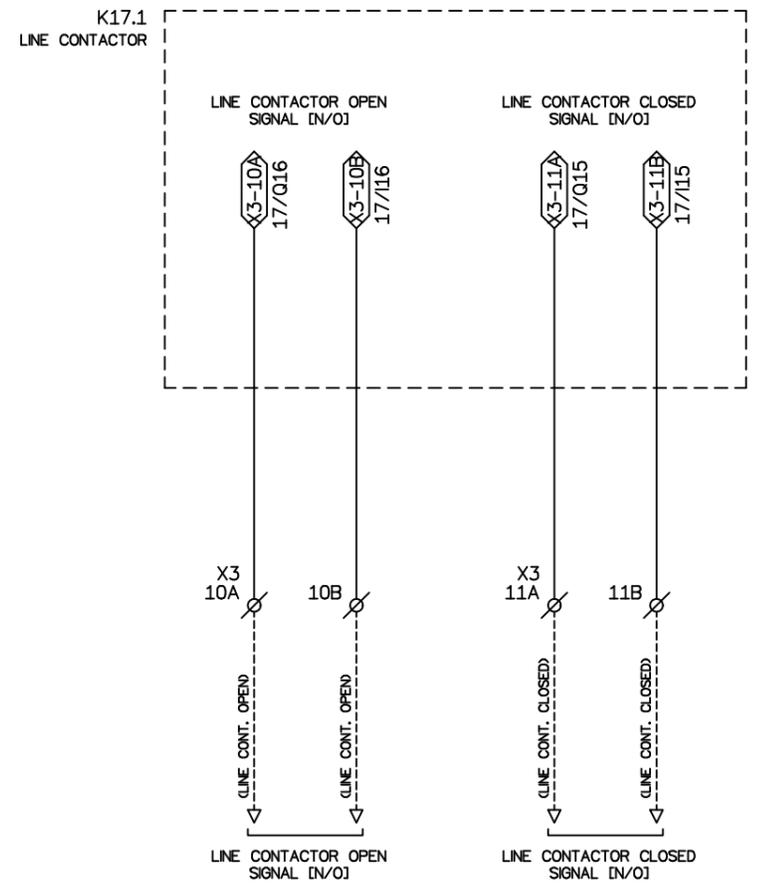
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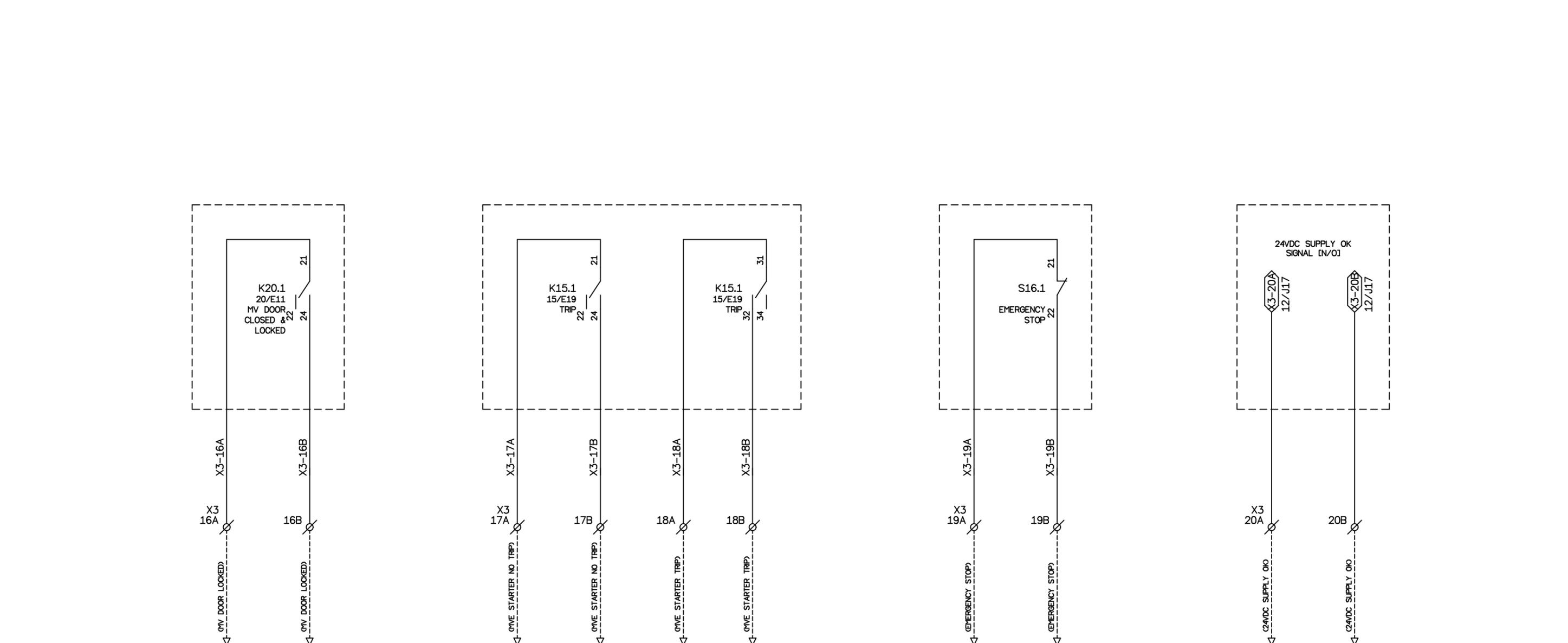
00B	21/07/17	UPDATED FOR PHASE ARM SWITCHING	
00A	05/05/17	FOR INFORMATION	
REV:	DATE:	REVISION NOTE:	

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - MV DOOR INTERLOCKING		
FILE NAME: 770-19410-020	REV:00B	SCALE:NTS
SO: XXXXXX (XXXXX)	SHT20 of 31	







MV DOOR CLOSED & LOCKED SIGNAL [N/O]      MVE STARTER NO TRIP SIGNAL [N/C]      MVE STARTER TRIP SIGNAL [N/O]      EMG. STOP UNDERVOLTAGE TRIP SIGNAL [N/C]      24VDC SUPPLY OK SIGNAL [N/O]

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A2  
  
All dimensions in mm unless otherwise specified

REFERENCES:

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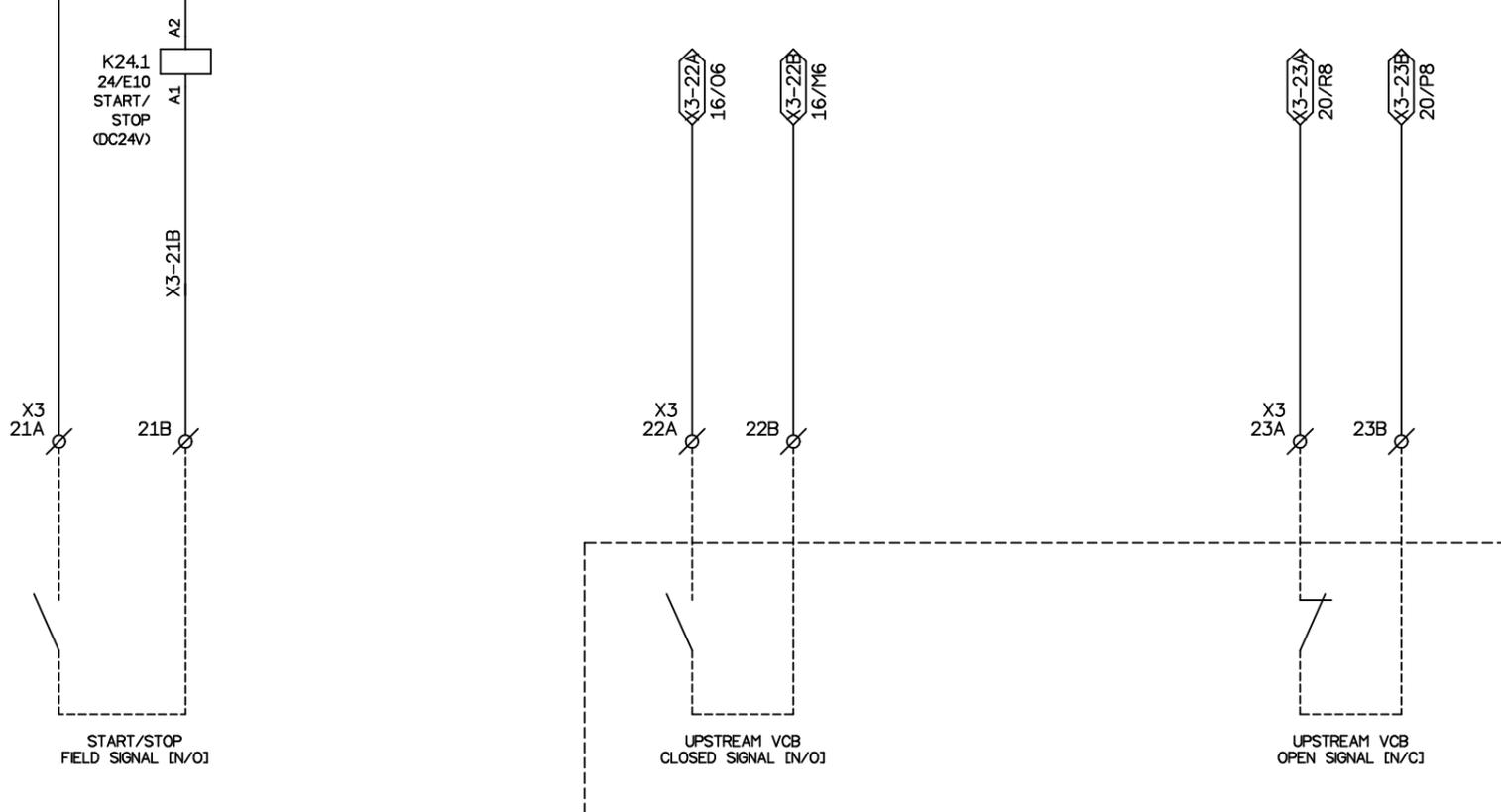
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00A	05/05/17	FOR INFORMATION	
REV:	DATE:	REVISION NOTE:	

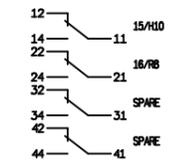
DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kV "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - EXTERNAL SIGNALS (MISCELLANEOUS)		
FILE NAME: 770-19410-023	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT23 of 31	

5-20A (24VDC+2)  
20/T28  
5-20B (24VDC-2)  
20/E28



TAG : K24.1



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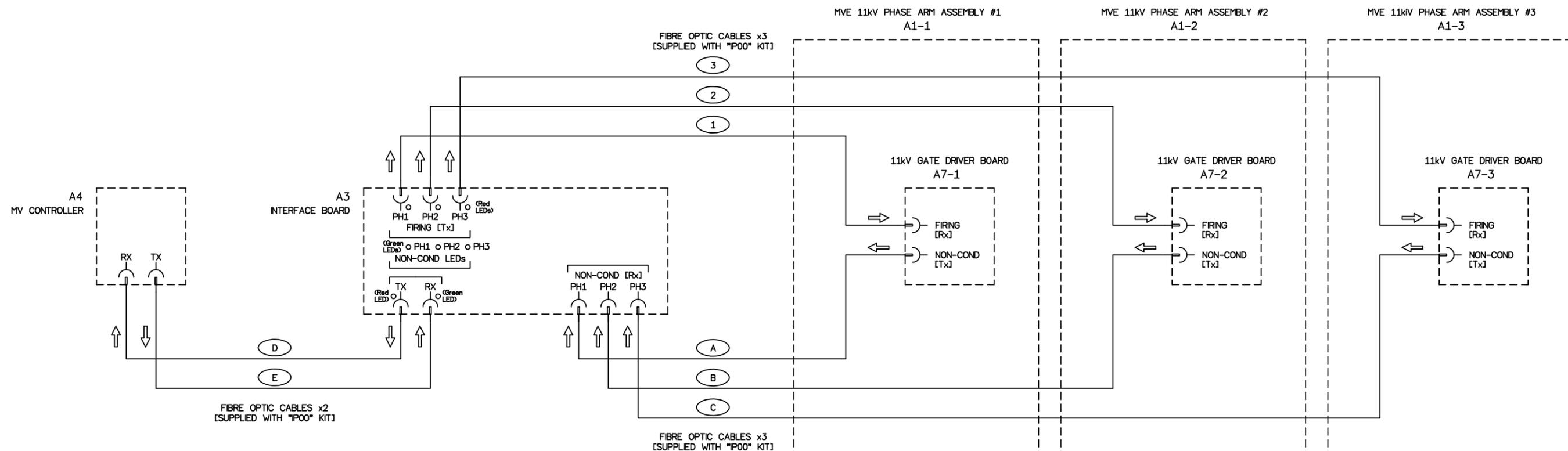
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00A	05/05/17	FOR INFORMATION
REV:	DATE:	REVISION NOTE:

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

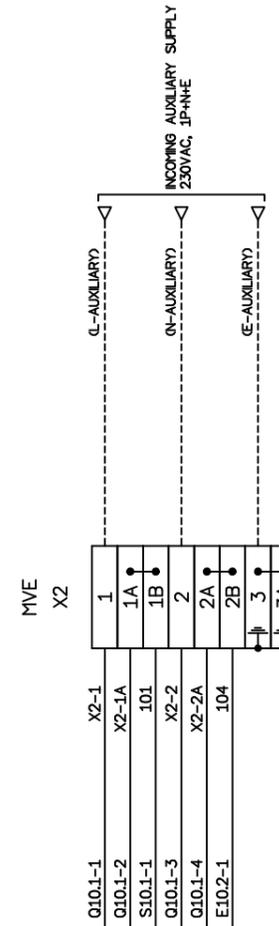
CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL		
CIRCUIT DIAGRAM - START/STOP CONTROL		
FILE NAME: 770-19410-024	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT24 of 31	



NOTE:  
 FIXED FIBRE OPTIC TRANSMIT (Tx) AND RECEIVE (Rx) CONNECTOR SOCKETS ARE MOUNTED ON THE INTERFACE BOARD "A3" AND THE THREE GATE DRIVER BOARDS "A7-1, A7-2, A7-3".  
 THERE IS ONE GATE DRIVER BOARD MOUNTED ON EACH MVE PHASE ARM ASSEMBLY.  
 TRANSMIT (Tx) FIBRE OPTIC SOCKETS ARE LIGHT GREY COLOUR.  
 RECEIVE (Rx) FIBRE OPTIC SOCKETS ARE DARK GREY COLOUR.

CONTROL SUPPLY 230VAC

AUXILIARY SUPPLY 230VAC

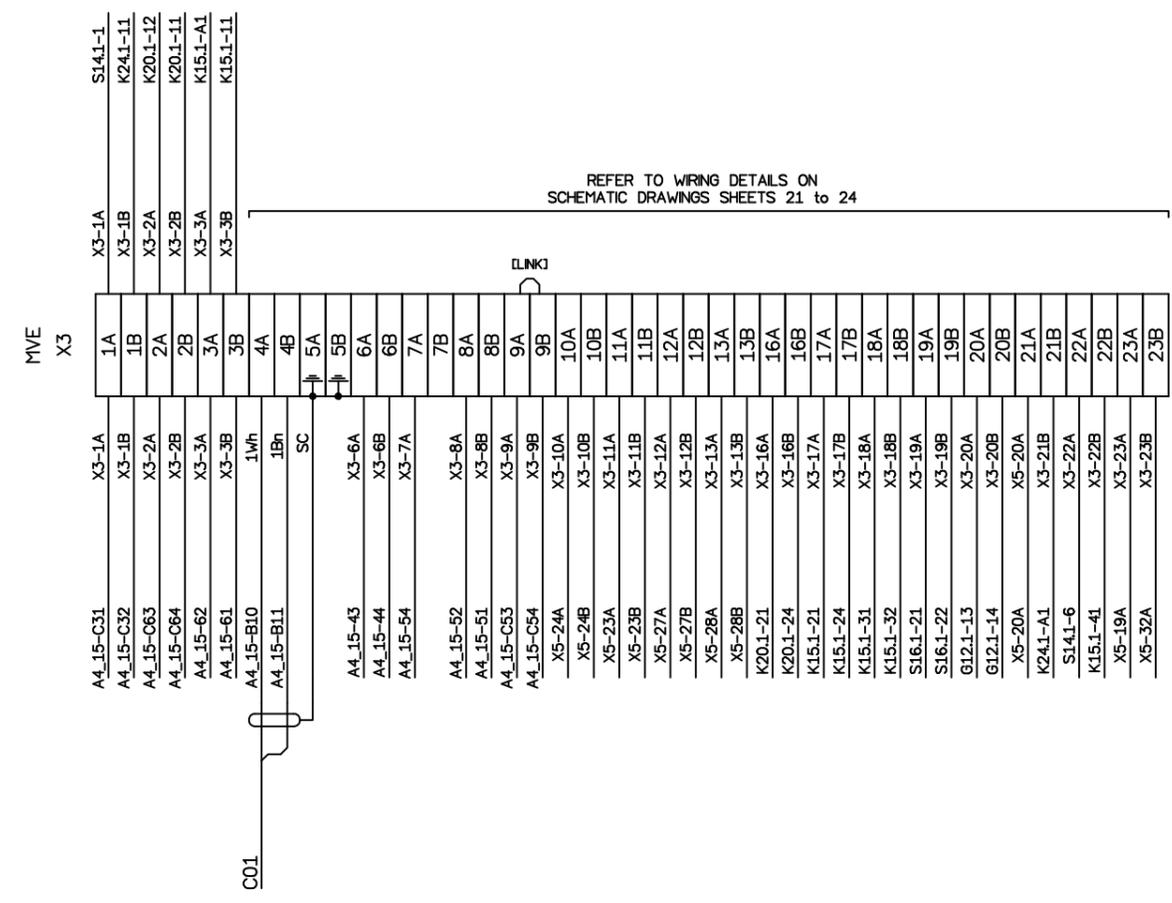


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REV:	DATE:	REVISION NOTE:

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL		
CONNECTION DIAGRAM - LV TERMINALS X1 & X2		
FILE NAME: 770-19410-026	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT 26 of 31	

EXTERNAL I/O SIGNALS



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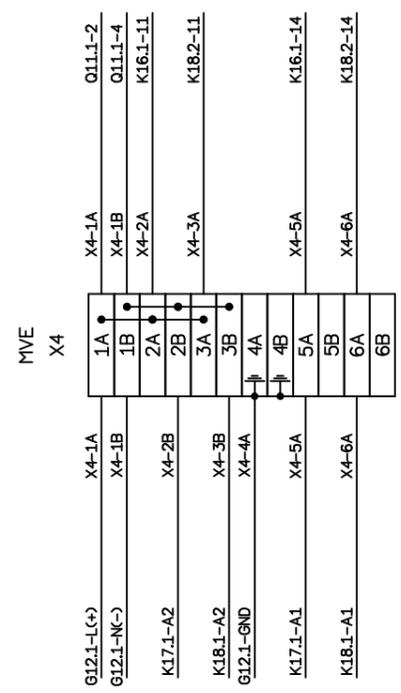
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REV:	DATE:	REVISION NOTE:

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL		
CONNECTION DIAGRAM - LV TERMINALS X3		
FILE NAME: 770-19410-027	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT 27 of 31	

CONTROL CIRCUITS 230VAC



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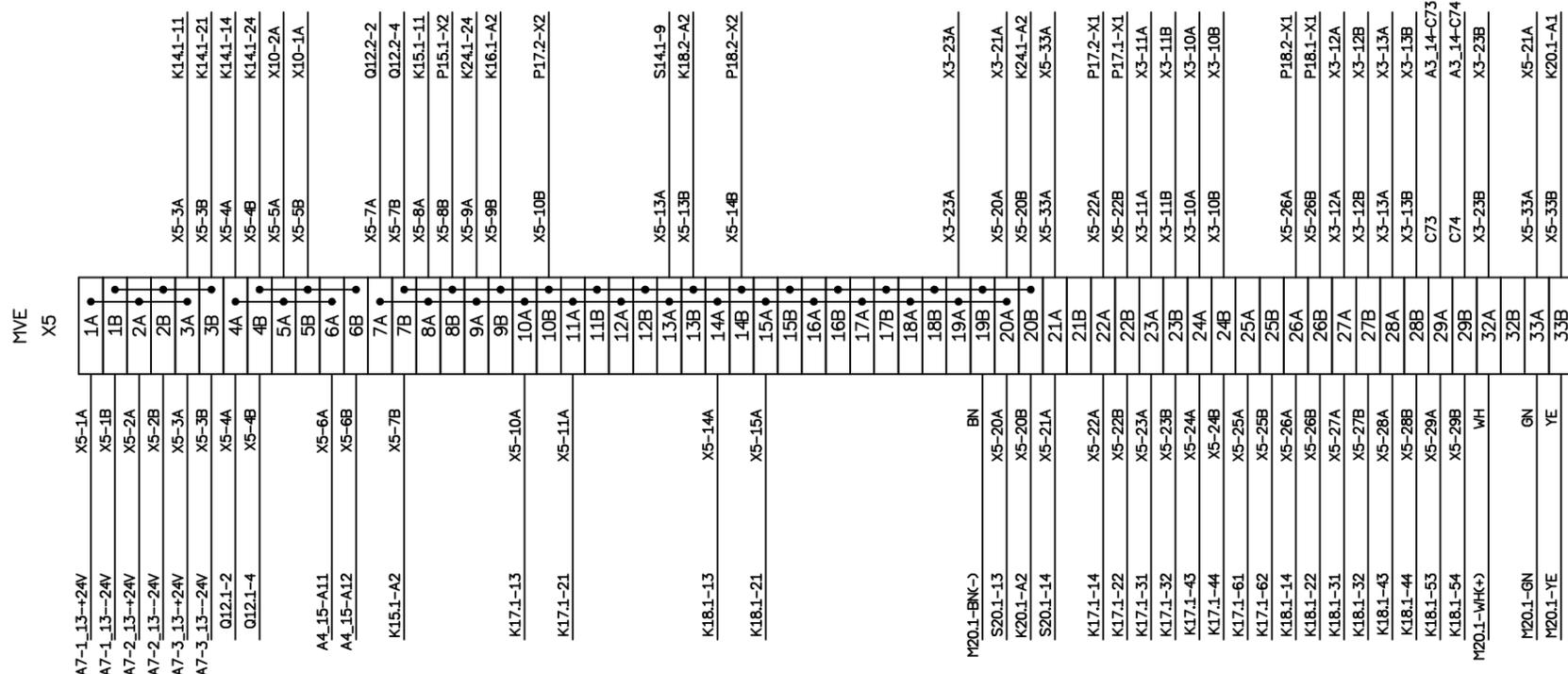
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00A	05/05/17	FOR INFORMATION
REV:	DATE:	REVISION NOTE:

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

CUSTOMER: [CUSTOMER]		
PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL		
CONNECTION DIAGRAM - LV TERMINALS X4		
FILE NAME: 770-19410-028	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT28 of 31	

CONTROL CIRCUITS 24VDC



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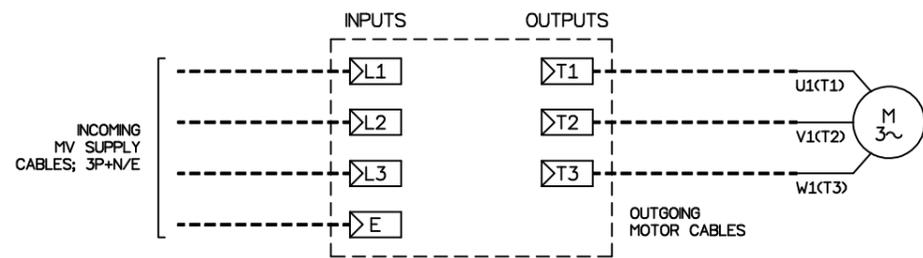
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00A	05/05/17	FOR INFORMATION
REV:	DATE:	REVISION NOTE:

DATE:	05/05/17
DESIGNED BY:	E.D.
CHECKED BY:	B.V.
APPROVED BY:	A.B.

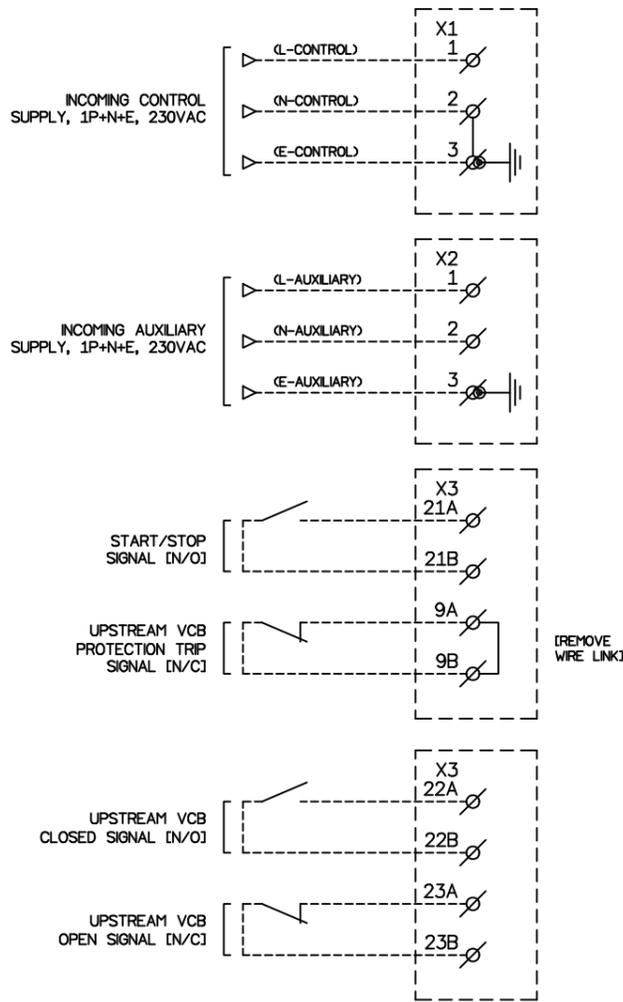
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PROJECT: [PROJECT]		
L-SERIES MVE 11kv "E2" SOFTSTARTER PANEL CONNECTION DIAGRAM - LV TERMINALS X5		
FILE NAME: 770-19410-029	REV: 00B	SCALE: NTS
SO: XXXXXX (XXXXX)	SHT29 of 31	



MV POWER CONNECTIONS



LV INPUT CONNECTIONS



LV OUTPUT CONNECTIONS

