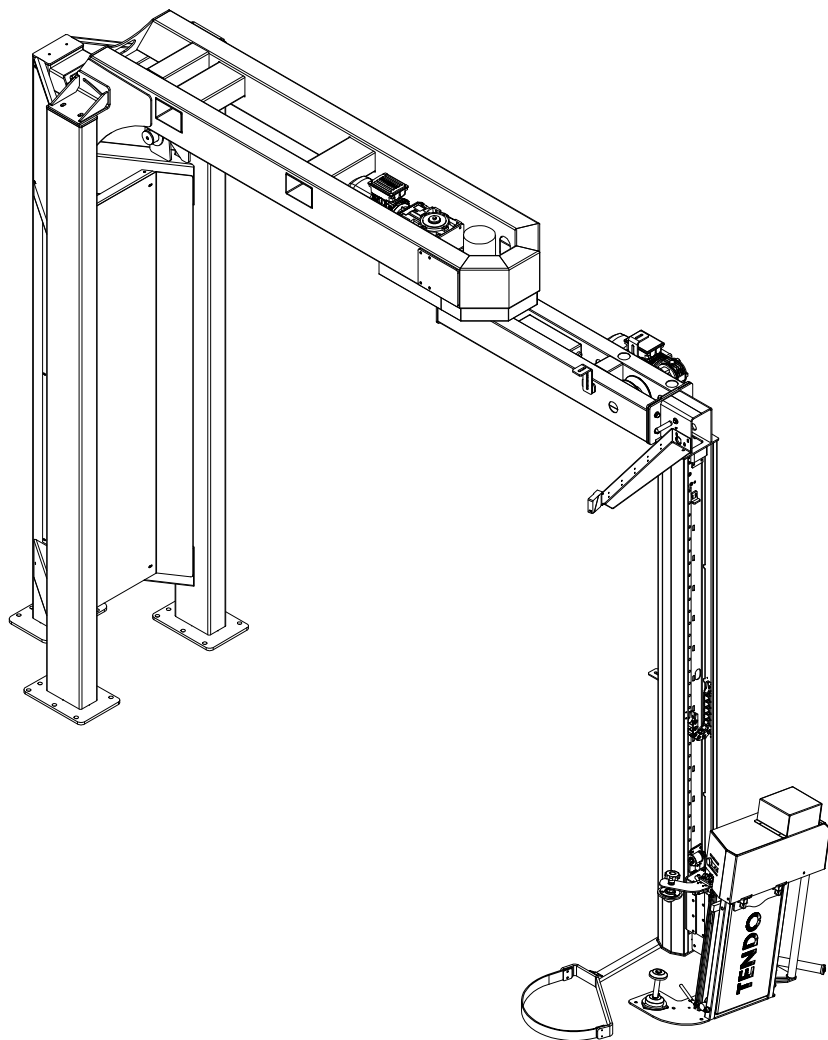




CLIENTE Customer

TIPO MACCHINA Machine type

MATRICOLA Number

230 V

16 A

TENSIONE Voltage

CORRENTE Current

CVA-M83 (REV1)

FILE File

11.07.2017

10

DATA Date

FOGLI Sheets

Disegnato con software ELCAD® **rotting** CAE/CAD SYSTEMHOUSE KNOW-HOW AND POWER Licenza n.00348/27329

V.Santucci

DISEGNATORE Drawer

FIRMA Signature

RIESAME Review

VALIDAZIONE Validation

1 25.01.2018

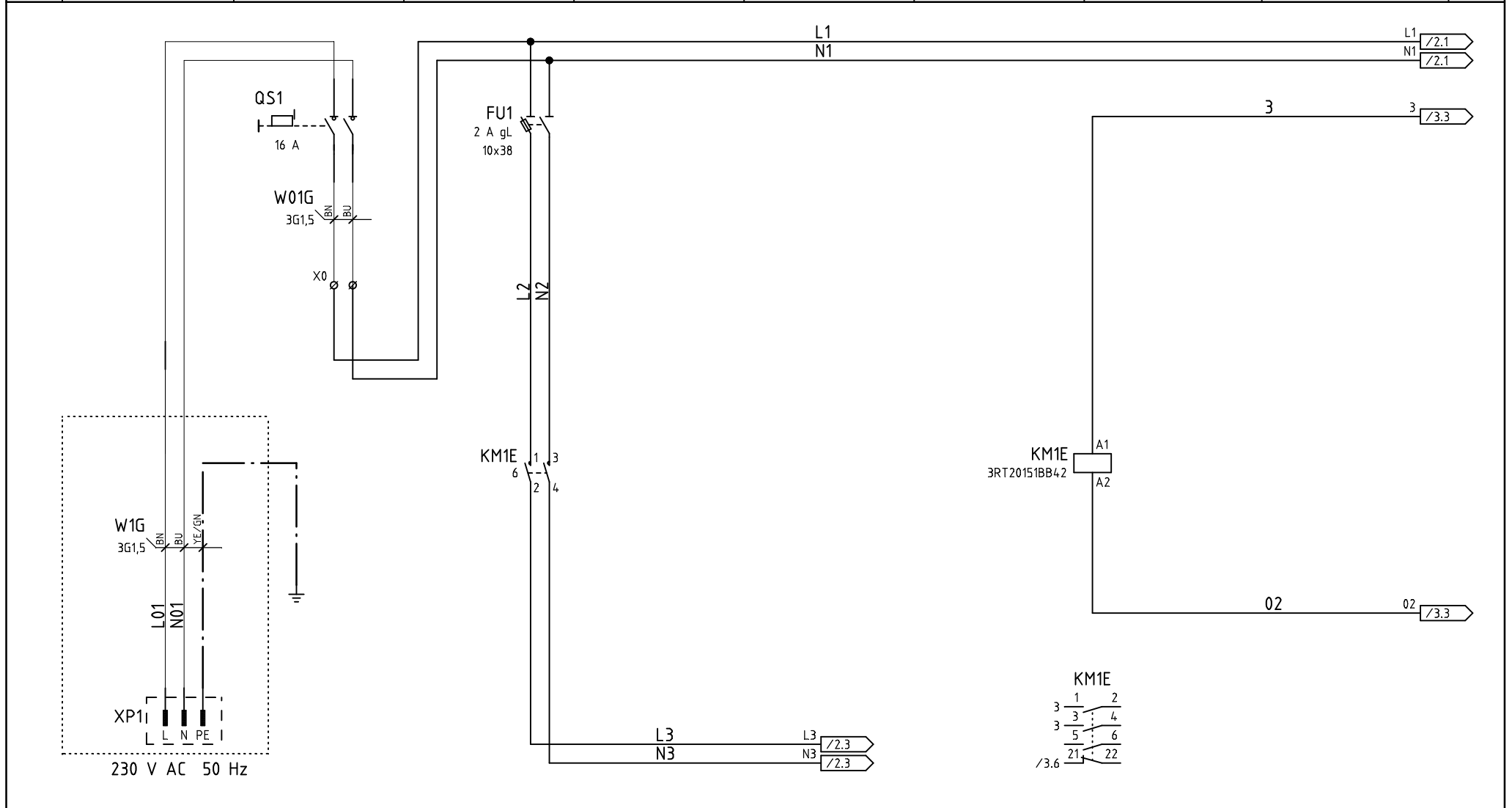
V.S.

2

3

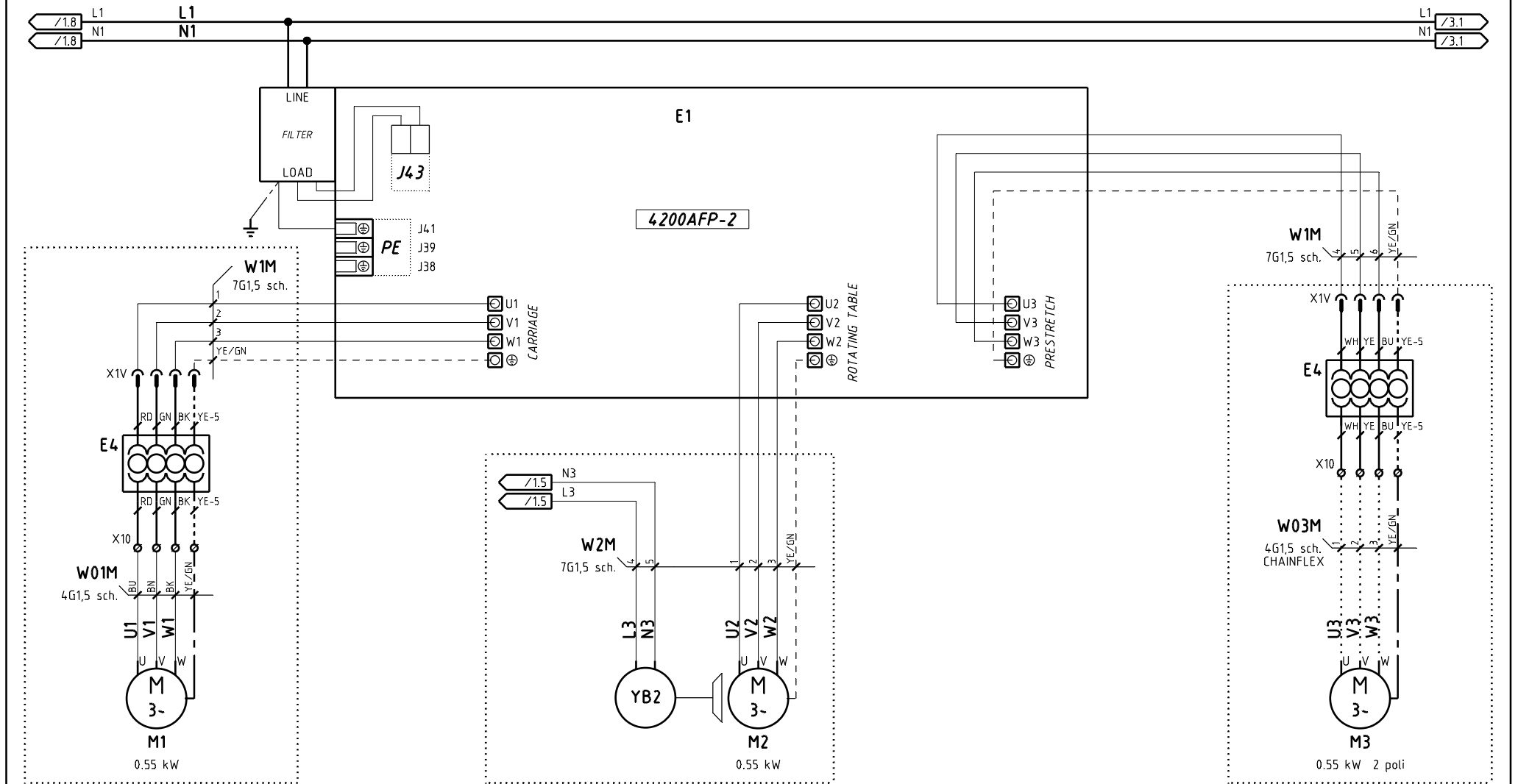
REVISIONI Revisions

(I)	SPINA DI ALIMENTAZIONE		ALIMENTAZIONE FRENO MOT. ROTAZIONE BRACCIO			CONTATTORE DI EMERGENZA			(I)
(UK)	POWER SUPPLY LINE		ARM ROTATION MOTOR BRAKE POWER SUPPLY			EMERGENCY CONTACTOR			(UK)
(F)	FICHE DE ALIMENTATION		ALIMENTATION FREIN MOTEUR ROTATION BRAS			CONTACTEUR D'URGENCE			(F)
(D)	SPEISUNG STECKER		DREHARM MOTOR BREMSE SPEISUNG			NOTFALL KONTAKTGEBER			(D)
(E)	ENCHUFE DE ALIMENTACION		ALIMENTACION FRENO MOTOR ROTACION BRAZO			CONTACTOR DE EMERGENCIA			(E)
	1	2	3	4	5	6	7	8	



				Schema elettrico	CVA-M83	3		
	CLIENTE Customer	TIPO MACCHINA Machine type	MATRICOLA Number	DESCRIZIONE Description	FILE File	7	25.01.2018	V.S.
	Disegnato con software ELCAD® 	CAE/CAD SYSTEMHOUSE KNOW-HOW AND POWER	Licenza n.00348/27329	4200AFP-2	V.Santucci	11.07.2017	1	10
				SCHEMA Drawing	DISEGNATORE Drawer	DATA Date	PAGINA/DI Page/of	

(I)	M1=MOTORE SALITA E DISCESA CARRELLO			YB2=FRENO MOTORE ROTAZIONE BRACCIO	M2=MOTORE ROTAZIONE BRACCIO			M3=MOTORE DI PRESTIRO	(I)
(UK)	M1=CARRIAGE ASCENT AND DESCENT MOTOR			YB2=ARM ROTATION MOTOR BRAKE	M2=ARM ROTATAION MOTOR			M3=PRESTRETCH MOTOR	(UK)
(F)	M1=MOTEUR MONTÉE ET DECSENTE CHARIOT			YB2=FREIN MOTEUR ROTATION BRAS	M2=MOTEUR ROTATION BRAS			M3=MOTEUR DE PRÉ-ÉTIRAGE	(F)
(D)	M1=HUBSCHLITTEN AUFSTIEG UND ABSTIEG MOTOR			YB2=DREHARM MOTOR BREMSE	M2=DREHARM MOTOR			M3=FOLIENVORRECK MOTOR	(D)
(E)	M1=MOTOR SUBIDA Y BAJADA CARRO			YB2=FRENO MOTOR ROTACION BRAZO	M2=MOTOR ROTACION BRAZO			M3=MOTOR DE PRETENSION	(E)
	1	2	3	4	5	6	7	8	

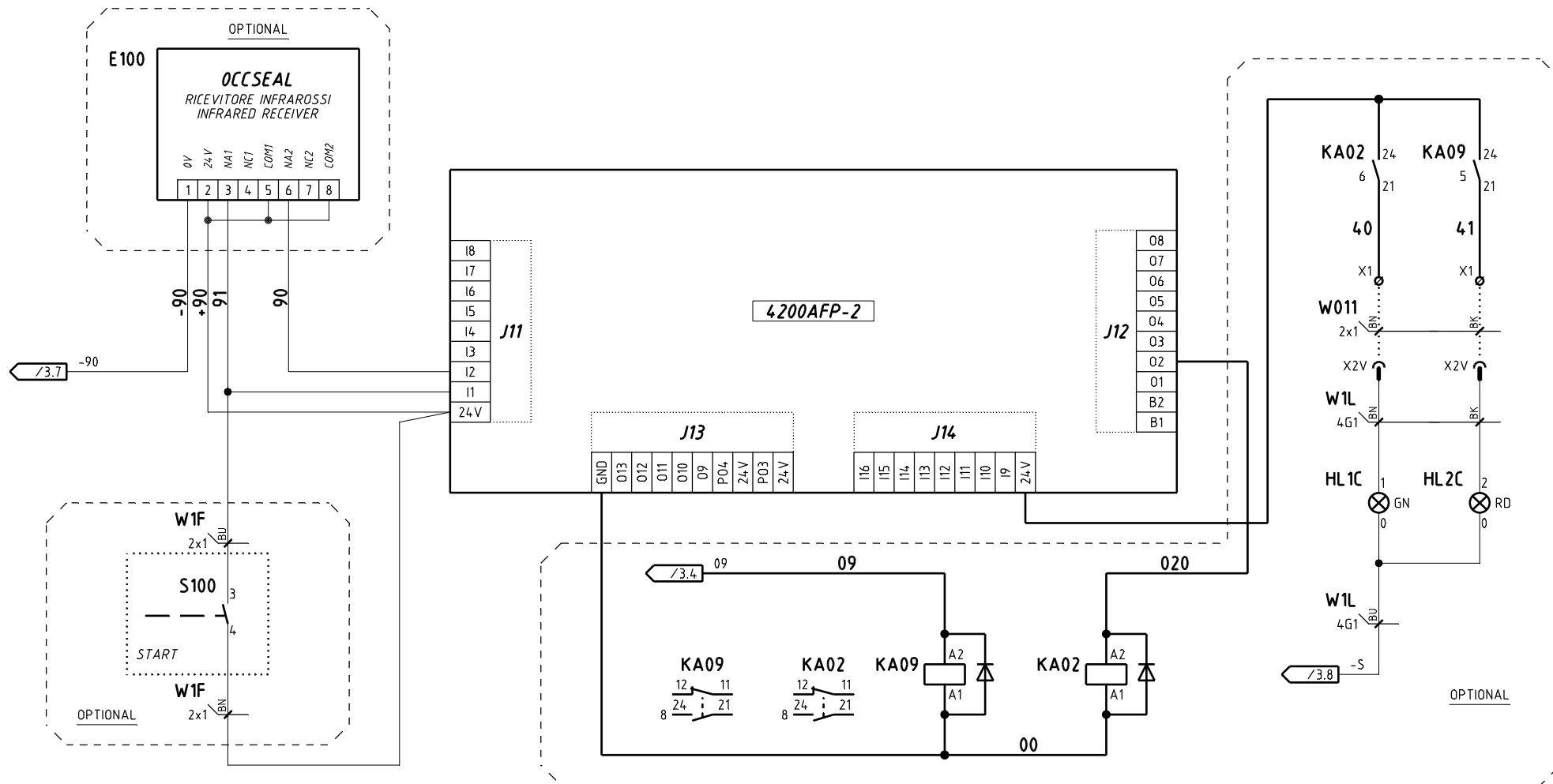


				Schema elettrico		CVA-M83		
CLIENTE Customer		TIPO MACCHINA Machine type		MATRICOLA Number		DESCRIZIONE Description	FILE File	25.01.2018 V.S.
Disegnato con software ELCAD®		CAE/CAD SYSTEMHOUSE KNOW-HOW AND POWER Licenza n.00348/27329		4200AFP-2		V.Santucci	11.07.2017	2 10
				SCHEMA Drawing		DISEGNATORE Drawer	DATA Date	PAGINA/DI Page/of

The diagram illustrates the electrical connections for the 4200AFP-2 control unit. It shows the internal wiring of the unit, including the 4200AFP-2 module, the 4200AFP-2 module, and the 4200AFP-2 module. The unit is connected to a power source (L1, N1, PE) through a 2A fuse (FU4) and a 10x38 gG terminal block (J6). Control signals (X1, X2V, X10, X3V) are connected to terminal blocks (J44, J9, J10). A 12V motor (M) is connected to the 1011 and 1010 terminals. A rotating collector (CONTATTI STRISCianti) is connected to the 101, 100, +S, 5, 4, -S, 9, 10, 11 terminals. The diagram also shows the internal wiring of the 4200AFP-2 unit, including the 4200AFP-2 module, the 4200AFP-2 module, and the 4200AFP-2 module.

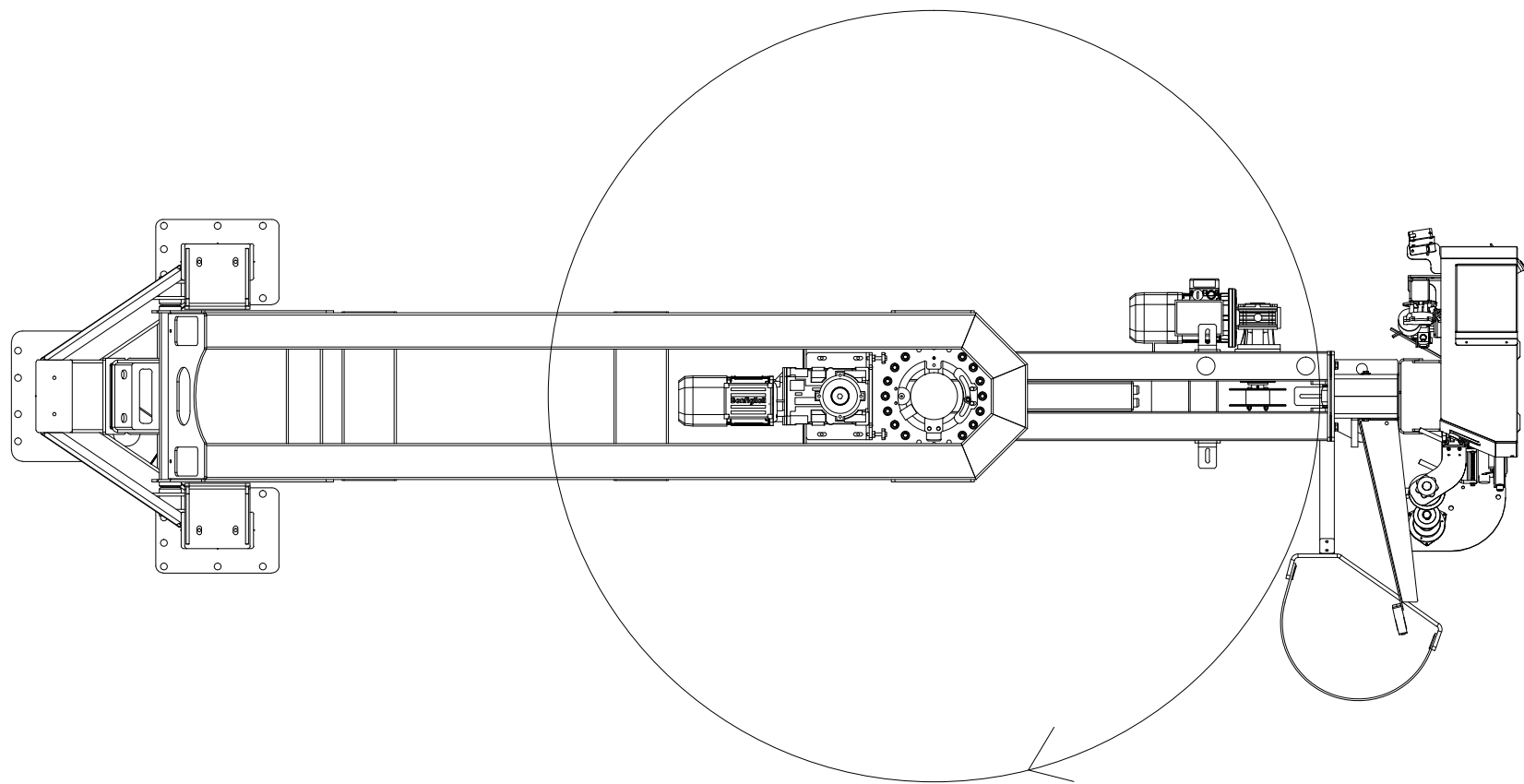
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	CLIENTE Customer	TIPO MACCHINA Machine type	MATRICOLA Number	DESCRIZIONE Description	FILE File	25.01.2018	V.S.	
	Disegnato con software ELCAD® 	CAE/CAD SYSTEMHOUSE KNOW-HOW AND POWER	Licenza n.00348/27329	4200AFP-2	V.Santucci	11.07.2017	3	10
				SCHEMA Drawing	DISEGNATORE Drawer	DATA Date	PAGINA/DI Page/of	

(I)		RICEVITORE INFRAROSSI OPZIONALE							(I)
(UK)		OPTIONAL INFRARED RECEIVER							(UK)
(F)		RÉCEPTEUR INFRAROUGE OPTIONELL							(F)
(D)		WALHFREI INFRAROT EMPFANGER							(D)
(E)		RECEPTOR INFRAROJO OPCIONAL							(E)
	1	2	3	4	5	6	7	8	



				Schema elettrico		CVA-M83		
CLIENTE Customer		TIPO MACCHINA Machine type		DESCRIZIONE Description		FILE File	25.01.2018 V.S.	
Disegnato con software ELCAD®		4200AFP-2		V.Santucci		11.07.2017	4 10	
		SCHEMA Drawing		DISEGNATORE Drawer		DATA Date	PAGINA/DI Page/of	

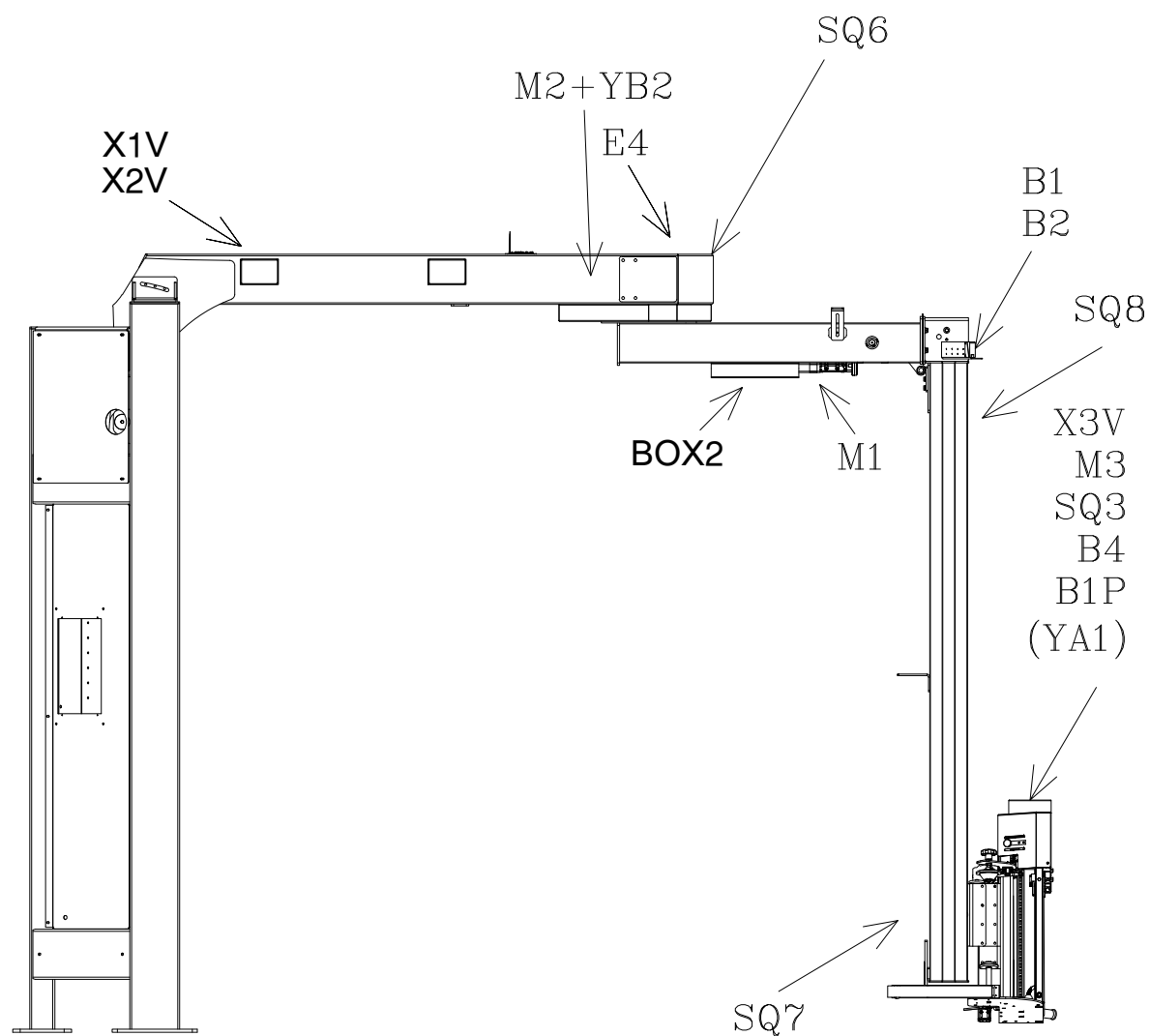
- SENSO DI ROTAZIONE VISTA SOPRA -
- ROTATION DIRECTION UPON VIEW -



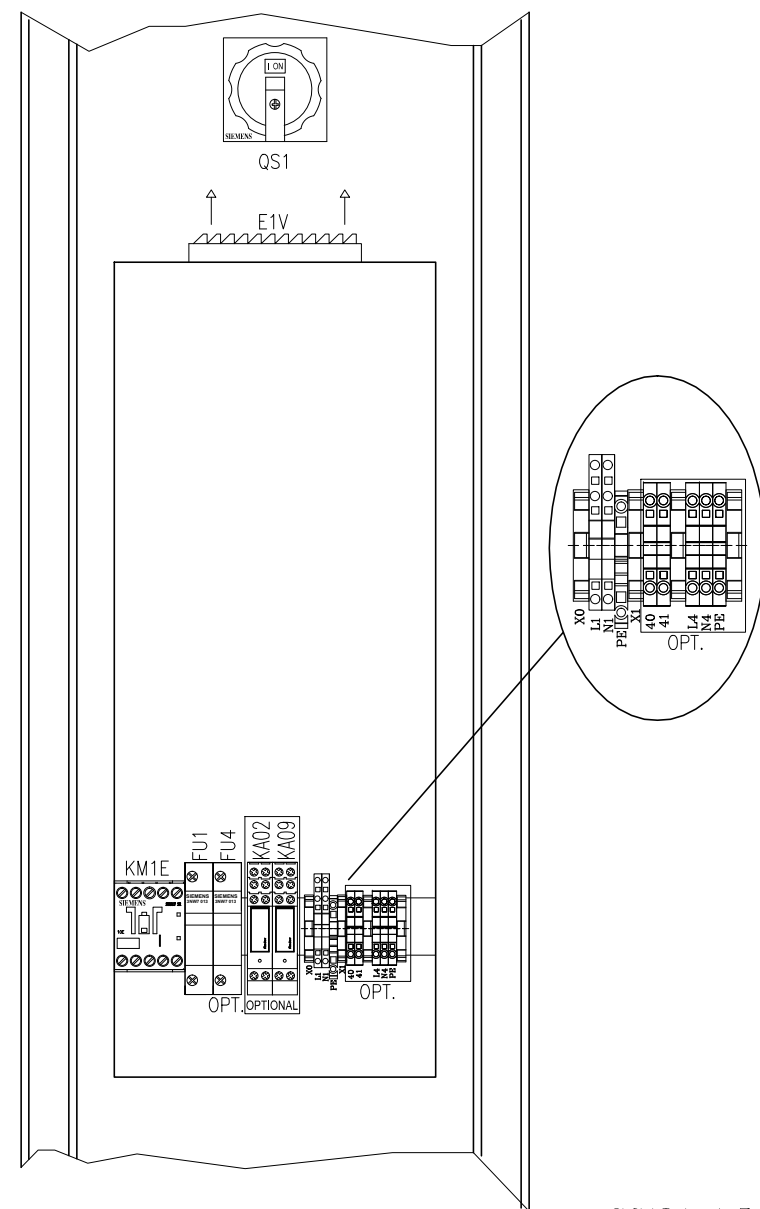
SCALA 1:20

					Vista complessiva		CVA-M83		3		
	CLIENTE Customer		TIPO MACCHINA Machine type		MATRICOLA Number		DESCRIZIONE Description		FILE File		25.01.2018 V.S.
	Disegnato con software ELCAD® rotring CAE/CAD SYSTEMHOUSE KNOW-HOW AND POWER Licenza n.00348/27329		4200AFP-2		V.Santucci		11.07.2017		6	10	
			SCHEMA Drawing		DISEGNATORE Drawer		DATA Date		PAGINA/DI Page/of		

– VISTA COMPLESSIVA POSIZIONAMENTO COMPONENTI –
– OVERALL VIEW USERS LOCATION –



SCALA 1:30

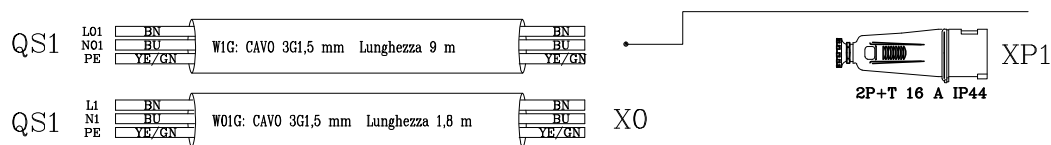


SCALA 1:5

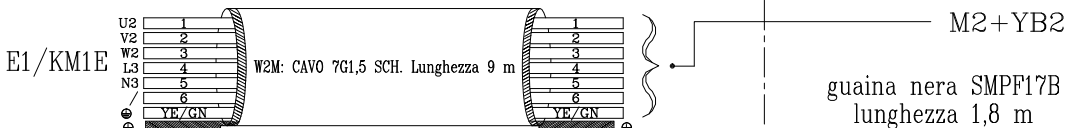
			Utenze macchina	CVA-M83	3		
CLIENTE Customer	TIPO MACCHINA Machine type	MATRICOLA Number	DESCRIZIONE Description	FILE File	2	25.01.2018	V.S.
Disegnato con software ELCAD® rotring		4200AFP-2	V.Santucci	11.07.2017	7	10	
CAE/CAD SYSTEMHOUSE KNOW-HOW AND POWER Licenza n.00348/27329		SCHEMA Drawing	DISEGNATORE Drawer	DATA Date	PAGINA/DI Page/of		

- BORDO MACCHINA DA QUADRO A UTENZE COLONNA -
- ON-BOARD MACHINE FROM ELECTRIC CABINET TO COLUMN USERS -

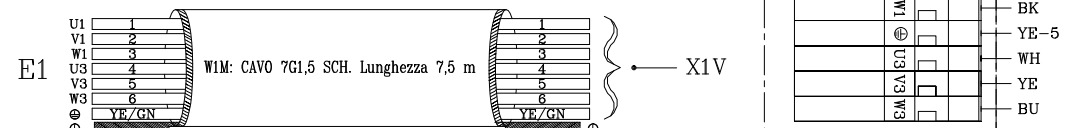
W1G= (linea alimentazione generale) / W01G= (linea alimentazione scheda)



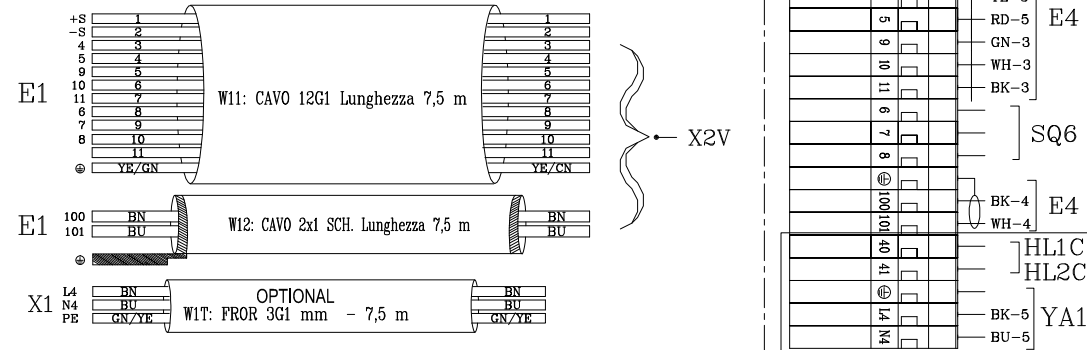
W2M= M2/YB2 (motore rotazione braccio / freno motore rotazione braccio)



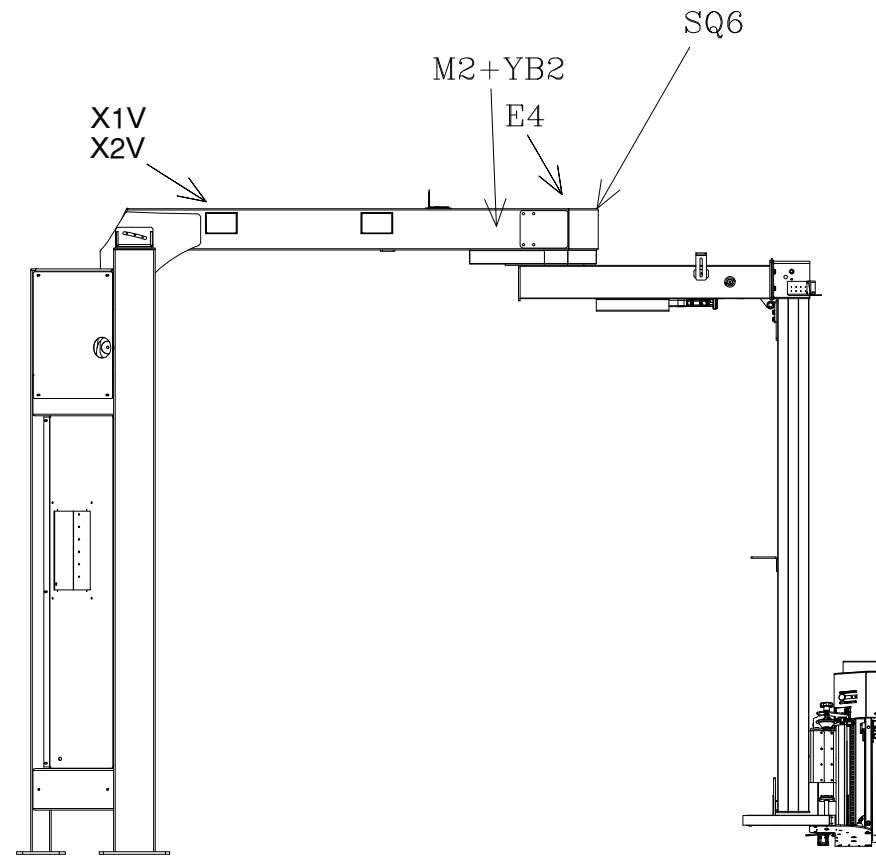
W1M= M1/M3 (motore salita-discesa carrello / motore prestiro)



W11= E4 (ausiliari a contatti rotanti) / W13= (cella di carico)



guaina nera SMPF36B
lunghezza 5 m



W1F= S100 (finecorsa a fune) - OPTIONAL	W12= SQ6 (Finecorsa posizione 0)
E1 ⁺⁹⁰ BN W1F: CAVO 2x1 Lunghezza 10 m 91 BU S100	X2V ⁶ BN W10: CAVO SENSORE POS. DI ZERO ⁷ WH ⁸ BU CD12M/0B-050C1 BK SQ6
W011= HL1C/HL2C (colonnina lum.) - OPTIONAL	W1L= HL1C/HL2C (colonnina lum.) - OPTIONAL
X1 ⁴⁰ BN W011: CAVO 2x1 Lunghezza 7,5 m ⁴¹ BU	X2V ⁴⁰ BN W1L: CAVO 4G1 ⁴¹ BK Lunghezza 3,5 m -S BU HL2C YE/GN HL1C

VERTEX

CLIENTE Customer

TIPO MACCHINA Machine type

MATRICOLA Number

Bordo macchina colonna

CVA-M83

DESCRIZIONE Description

FILE File

REVISIONI Revisions

Disegnato con software

ELCAD® rotring

CAE/CAD SYSTEMHOUSE KNOW-HOW AND POWER Licenza n.00348/27329

4200AFP-2

V.Santucci

11.07.2017

8 10

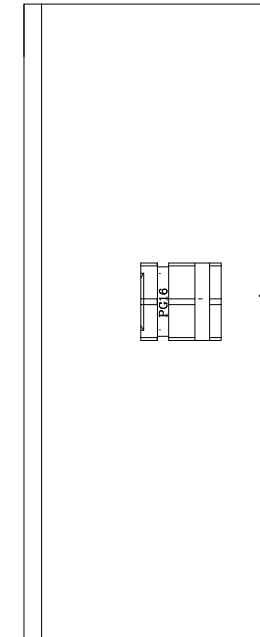
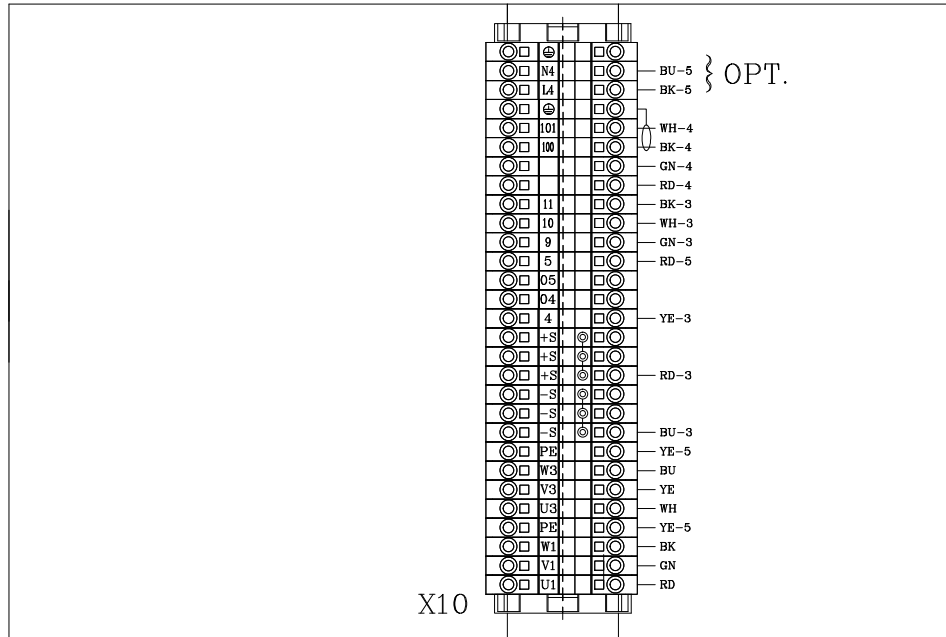
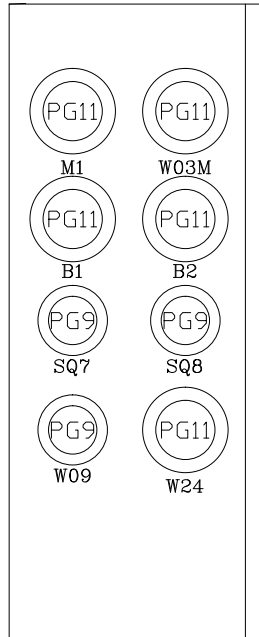
SCHEMA Drawing

DISEGNATORE Drawer

DATA Date

PAGINA/DI Page/of

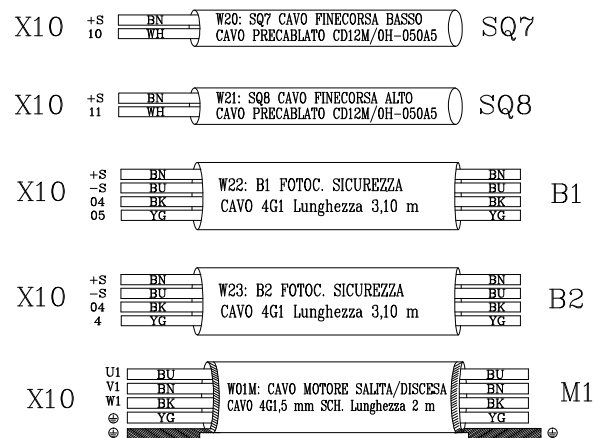
BOX 2



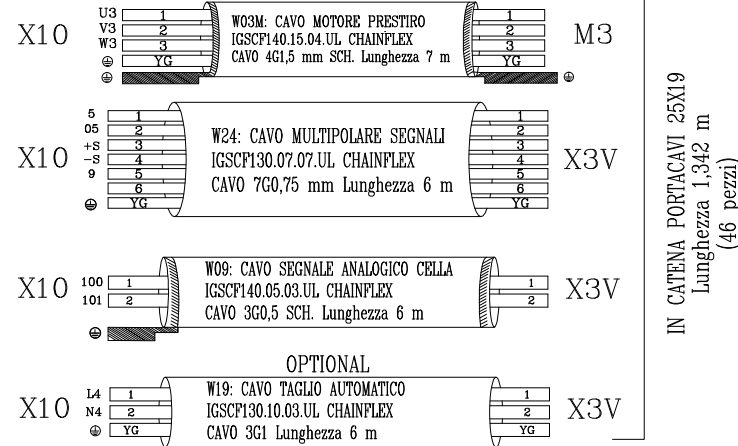
Ingresso cavi collettore
TEASMPF17B 0,5 m
TEA6BSM17P16

SCALA 1:2

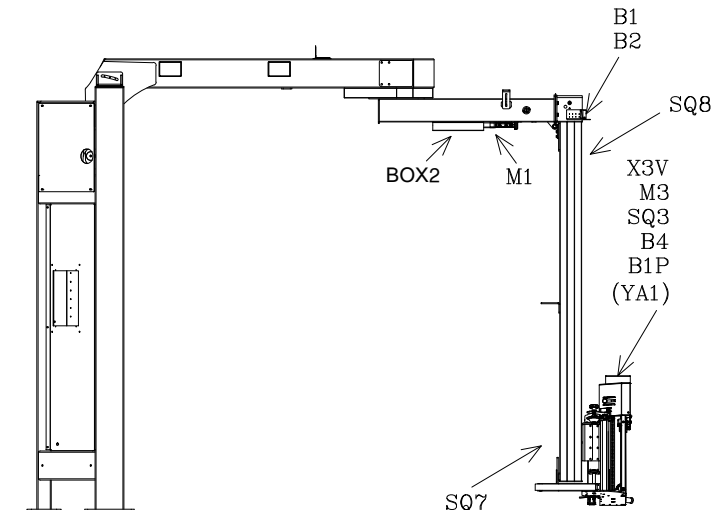
Cablaggio utenze braccio



Cablaggio a carrello



IN CATENA PORTACAVI 25X19
Lunghezza 1,342 m
(46 pezzi)



CLIENTE Customer		TIPO MACCHINA Machine type		MATRICOLA Number		DESCRIZIONE Description		FILE File		REVISIONI Revisions	
Disegnato con software		ELCAD®		4200AFP-2		V.Santucci		11.07.2017		9 10	
SCHEMA Drawing		DISEGNATORE Drawer		DATA Date		PAGINA/DI Page/of					

– BORDO MACCHINA CARRELLO –
– CARRIAGE WIRING CONNECTION –

X3V

barra DIN 15 mm

OPTIONAL

PHC3248115 (MPT 1,5/S/1P) - n.7 (+2 OPT.)
PHC3248117 (MPT 1,5/S/1P-PE) - n.1 (+1 OPT.)
PHC3212659 (PP-H 1,5/S/1-L) - n.1
PHC3212688 (PP-H 1,5/S/1-M) - n.5 (+2 OPT.)
PHC3212714 (PP-H 1,5/S/1-R) - n.1
PHC3212701 (PP-H 1,5/S/1-M GNYE) - n.1 (+1 OPT.)
PHC3212882 (PR 1,5/S) - n.1
PHC3022263 (CLIPFIX 15) - n.2
PHC3248100 (MPT 1,5/S) - n.5
PHC3213027 (FBS 3-3,5) - n.2

KIT CARRELLO VERTEX CON PRESTIRO
(CVA-033)

X3V

5 BU W3: CAVO FINECORSIA SPORTELLLO SQ3
05 BK CAVO PRECABLATO CD12M/OH-050A5

X3V

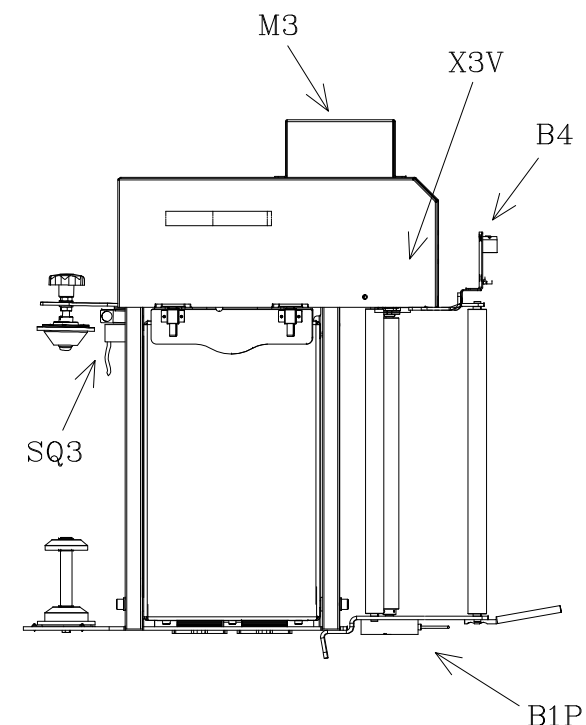
+S BN W103: CAVO FOTOCELLULA ALTEZZA PALLET B4
-S GY CAVO PRECABLATO DOL-1205-W05M
9 BU
BK

X3V

+S RD W35: CAVO CELLA DI CARICO B1P
-S BK CAVO PREDISPOSTO
100 GN
101 WH
⊖

X3V

TAGLIO AUTOMATICO – OPTIONAL
L4 BN W2T: CAVO TAGLIO AUTOMATICO YA1
N4 BU
PE GN/YE FROR 3G1 mm - 1 m



LISTA COMPONENTI

IDENTIFICATORE	QUANTITA'	CODICE ARTICOLO	COSTRUTTORE	DESCRIZIONE	RIFERIMENTO
-B1	1.00	SIK6020767	SICK	WL260-S270 Photoelectric retro-reflective sensor	/5.3
-B1P	1.00	PAVGICF0023	PAVONE SISTEMI	Load cell R100/P 25 kg 0-10 V 24 Vdc	/5.8
-B2	1.00	SIK6020767	SICK	WL260-S270 Photoelectric retro-reflective sensor	/5.4
-B4	1.00	SIK1019229	SICK	WT34-B410 Photoelectric sensor	/5.6
-B4	1.00	MMDCD12M/0B-020A1	MD MICRODETECTORS	Cable 4P M12 axial connector 2 m	/5.6
-E1V	1.00	OMFVDC8025X24BPLB17	OMEGA	Fan 24 V 80x25 mm	/3.8
-E1V	2.00	OMFVXF08001BK	OMEGA	Black filter 80x80 mm	/3.8
-E100	1.00	0CCSEAL	-	Infrared remote control card - OPTIONAL	/4.1
-FU1	1.00	SIE3NW7053	SIEMENS	Built-in fuse base for cylindrical fuses 1P+N 10x38 mm	/1.3
-FU4	1.00	SIE3NW7053	SIEMENS	Built-in fuse base for cylind. fuses 1P+N 10x38 mm - OPT	/3.1
-HL1C	1.00	SIE8WD44001AC	SIEMENS	Green element for luminous column - OPTIONAL	/4.8
-HL1C	1.00	SIE8WD43080DA	SIEMENS	Pipe 100 mm for luminous column - OPTIONAL	/4.8
-HL1C	1.00	SIE8WD444080AA	SIEMENS	Lengthening element - OPTIONAL	/4.8
-HL1C	1.00	SIE8WD444080CC	SIEMENS	Angle element - OPTIONAL	/4.8
-HL1C	1.00	WIM4101704	WIMEX	Lamp BA15D 24 V 5 W - OPTIONAL	/4.8
-HL2C	1.00	SIE8WD44001AB	SIEMENS	Red element for luminous column - OPTIONAL	/4.8
-HL2C	1.00	WIM4101704	WIMEX	Lamp BA15D 24 V 5 W - OPTIONAL	/4.8
-KA02	1.00	FIN405290240000	FINDER	Two contacts relay - 24 V DC - OPTIONAL	/4.6
-KA02	1.00	FIN9505SMA	FINDER	Socket for two contacts relay - OPTIONAL	/4.6
-KA02	1.00	FIN9902902479	FINDER	Diode/LED module - OPTIONAL	/4.6
-KA09	1.00	FIN405290240000	FINDER	Two contacts relay - 24 V DC - OPTIONAL	/4.5
-KA09	1.00	FIN9505SMA	FINDER	Socket for two contacts relay - OPTIONAL	/4.5
-KA09	1.00	FIN9902902479	FINDER	Diode/LED module - OPTIONAL	/4.5
-KM1E	1.00	SIE3RT20151BB42	SIEMENS	Power contactor 3 kW - 24 V DC / aux 1NC	/1.6
-QS1	1.00	SIE3LD20540TK53	SIEMENS	Main and emergency stop switch 3x16 A with red handle	/1.2
-QS1	1.00	SIE3LD92011A	SIEMENS	Four poles terminal	/1.2
-S100	1.00	PZZFD 576	PIZZATO	Limit switch for rope actuation - OPTIONAL	/4.2
-SQ3	1.00	SIE3SE54130CD201EB1	SIEMENS	Roller plunger limit switch	/5.2
-SQ3	1.00	MMDCD12M/0H-050A5	MD MICRODETECTORS	Cable 5P M12 axial connector 5 m	/5.2
-SQ6	1.00	MMDAM6/CP-4H	MD MICRODETECTORS	Inductive sensor M12	/5.1
-SQ6	1.00	MMDCD12M/0B-050C1	MD MICRODETECTORS	Cable 4P M12 connector 90° 5 m	/5.1
-SQ7	1.00	SIE3SE54130CD201EB1	SIEMENS	Roller plunger limit switch	/5.5
-SQ7	1.00	MMDCD12M/0H-050A5	MD MICRODETECTORS	Cable 5P M12 axial connector 5 m	/5.5
-SQ8	1.00	SIE3SE54130CD201EB1	SIEMENS	Roller plunger limit switch	/5.6
-SQ8	1.00	MMDCD12M/0H-050A5	MD MICRODETECTORS	Cable 5P M12 axial connector 5 m	/5.6
-XP1	1.00	ILMPE 1663 SV	ILME	Plug 2P+T 16 A IP44	/1.1
-YA1	1.00	C1HA0095	-	Electromagnet CS45/230 V - OPTIONAL	/3.1

					Parts list	CVA-M83	3		
	CLIENTE Customer		TIPO MACCHINA Machine type		MATRICOLA Number	DESCRIZIONE Description	FILE File	25.01.2018	V.S.
	Disegnato con software ELCAD® 		CAE/CAD SYSTEMHOUSE KNOW-HOW AND POWER Licenza n.00348/27329		4200AFP-2	V.Santucci	11.07.2017	1	1
	Il presente disegno è di proprietà della C&C elettronica e non può essere riprodotto senza una precisa autorizzazione.		SCHEMA Drawing		DISEGNATORE Drawer	DATA Date	PAGINA/DI Page/of		