erler gmbh
automation · robotik

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Customer: Wegmann

PGr.: 1361

PGrBez.: rolling machine 02 09

Version: V01_00

Serial numbers erler gmbh:

-WegV-Rolling02-09-201107/02-S1
-WegV-Rolling02-09-201107/03-S1
-WegV-Rolling02-09-201107/04-S1
-WegV-Rolling02-09-201107/05-S1
-WegV-Rolling02-09-201107/06-S1
-WegV-Rolling02-09-201107/07-S1
-WegV-Rolling02-09-201107/08-S1
-WegV-Rolling02-09-201107/09-S1

EPLAN Version: 2.7.3

Created on: 19.02.2020 by (short name): sps_pm

Edit date: 20.02.2020 Number of pages: 29

=WAMA 02 09+S/1	Cover page	**20.02.2020**	sps_pm	
=WAMA 02 09+S/2	Table of contents	**20.02.2020**	sps_pm	
=WAMA 02 09+S/30	System information	**20.02.2020**	sps_pm	
=WAMA 02 09+S/31	Maintenance manual	**20.02.2020**	sps_pm	
=WAMA 02 09+S/32	Notification of change	**20.02.2020**	sps_pm	
=WAMA 02 09+S/40	Structure +S1_G	**20.02.2020**	sps_pm	
=WAMA 02 09+S/41	Construction +S1_G Mounting plate	**20.02.2020**	sps_pm	
=WAMA 02 09+S/42	Structure +S1_K	**20.02.2020**	sps_pm	
=WAMA 02 09+S/43	Construction +S1_K Mounting plate	**20.02.2020**	sps_pm	
=WAMA 02 09+S/44	Labelling labels	**20.02.2020**	sps_pm	
=WAMA 02 09+S/200		**20.02.2020**	sps_pm	
=WAMA 02 09+S/201		**20.02.2020**	sps_pm	
=WAMA 02 09+S/202		**20.02.2020**	sps_pm	
=WAMA 02 09+S/203		**20.02.2020**	sps_pm	
=WAMA 02 09+S/204		**20.02.2020**	sps_pm	
=WAMA 02 09+S/205		**20.02.2020**	sps_pm	
=WAMA 02 09+S1/1	Feed-in Back-up fuse	**20.02.2020**	sps_pm	
=WAMA 02 09+S1/2	24VDC Potential distribution emergency stop	**20.02.2020**	sps_pm	
=WAMA 02 09+S1/3	S7-200	**20.02.2020**	sps_pm	
=WAMA 02 09+S1/4	S7-200 E0.0-E0.7	**20.02.2020**	sps_pm	
=WAMA 02 09+S1/5	S7-200 E1.0-E1.7	**20.02.2020**	sps_pm	
=WAMA 02 09+S1/6	S7-200 E2.0-E2.7	**20.02.2020**	sps_pm	
=WAMA 02 09+S1/7	S7-200 A0.0-A0.7	**20.02.2020**	sps_pm	
=WAMA 02 09+S1/8	S7-200 A1.0-A1.7	**20.02.2020**	sps_pm	
=WAMA 02 09+S1/9	S7-200 Cross references	**20.02.2020**	sps_pm	
=WAMA 02 09+S1/200		**20.02.2020**	sps_pm	
=WAMA 02 09+S1/200.1		**20.02.2020**	sps_pm	
=WAMA 02 09+S1/201		**20.02.2020**	sps_pm	
=WAMA 02 09+S1/201.1		**20.02.2020**	sps_pm	

System designations:

= WAMA 02 09

Place names:

Control cabinet : +S1

				WIRE COLOR:	MINIMUM CROSS SECTION			
OPERATING VOLTAGE:	400	V	50 Hz	BLACK	1,5	QMM	LACQUERING INSIDE:	RAL 7035
CONTROL VOLTAGE (L):	230	V	AC	RED	1,0	QMM	LACQUERING ON THE OUTSIDE:	RAL 7035
CONTROL VOLTAGE (N) :	230	V	AC	RED	1,0	QMM	MOUNTING PLATE:	ZINCED
CONTROL VOLTAGE (L+) :	24	V	DC	BLUE	1,0	QMM	ADERENDEN:	
CONTROL VOLTAGE (L-) :	24	V	DC	BLUE-WHITE	1,0	QMM	WIRE END LABELING:	
MESSAGE CIRCUITS				WHITE	1,5	QMM	WITHOUT :	☒
FOREIGN VOLTAGE:				ORANGE	1,0	QMM	connection number. OF THE TERMINAL POINT :	☐
PLC-ORS:					0,75	QMM	BMK + connection no. :	☐
							POTENTIAL DESIGNATION :	☐
							DEVICE LABELING:	PAPER ON DEVICE
CONNECTION VALUE:	ca.		3 KW				CLOSE:	STANDARD
NOMINAL CURRENT:	ca.		6 A				HINGES:	STANDARD

PROVISIONS:

EN61439-1:2009
EN61439-2:2009

TECHNICAL DOCUMENTS:

DEVICE ARRANGEMENT OVERVIEWS
CLAMPING PLAN
CABLE LIST
ELECTRICITY SCHEDULE
LIST OF PRODUCTS

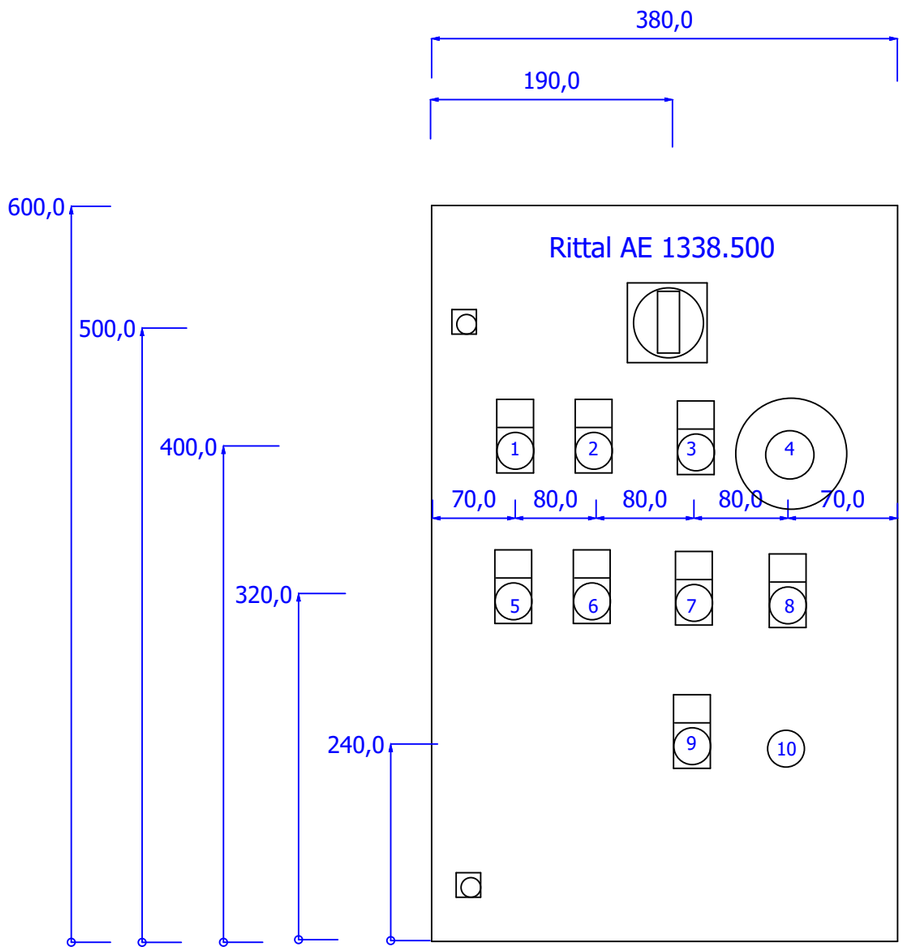
These plans are compatible with the CAE system

Changes should only be made using the CAE system using the original parameters be implemented.

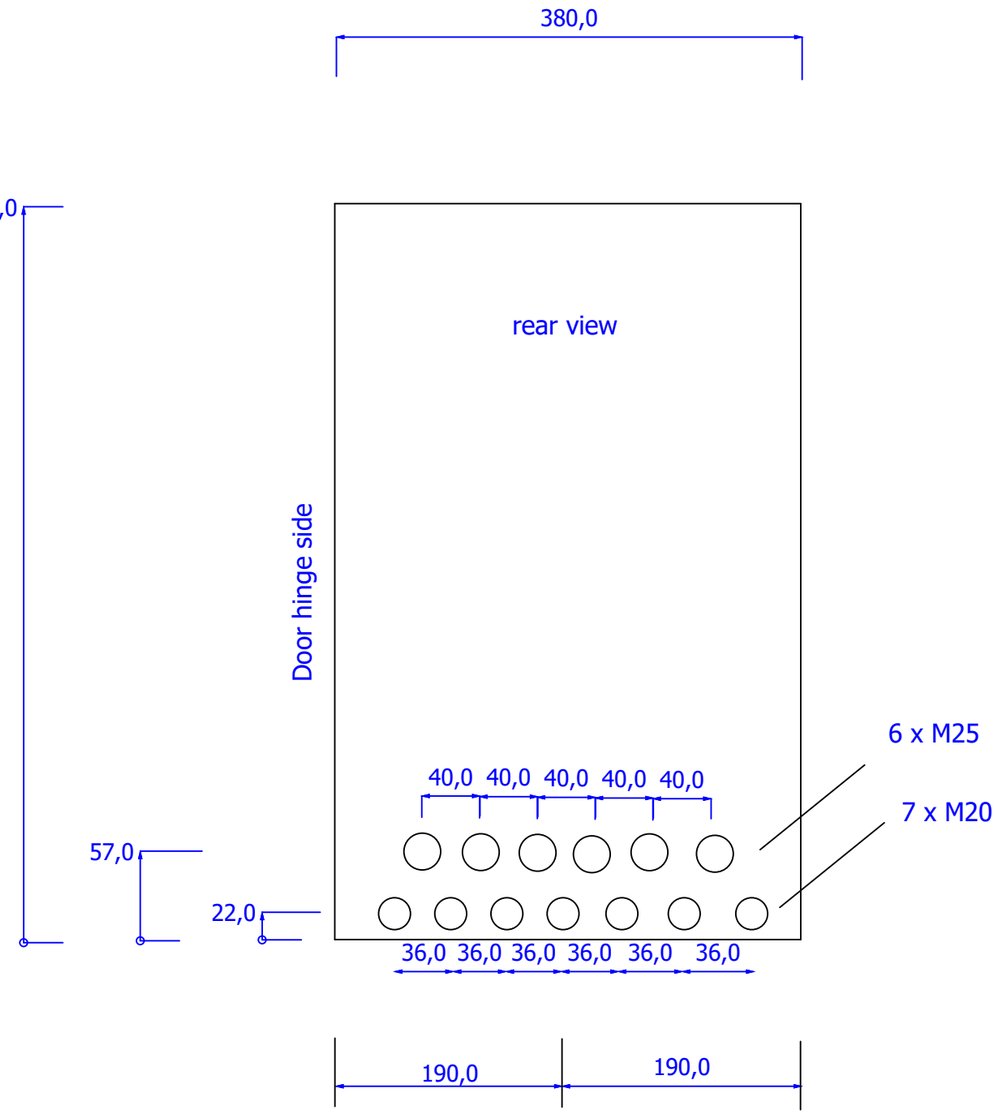
Änderungs-Informationen

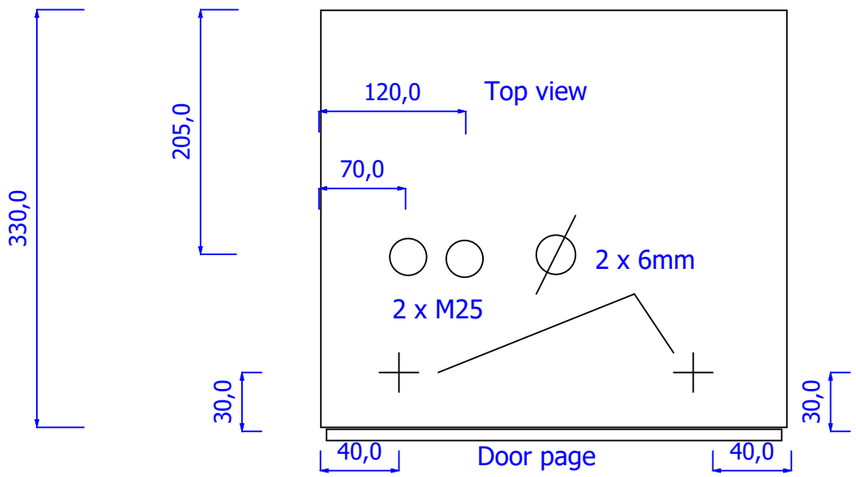
ERLAEINFO 11.09.01

Nr.	Datum	Bearbeiter	Änderungen	Kurzname	Seite

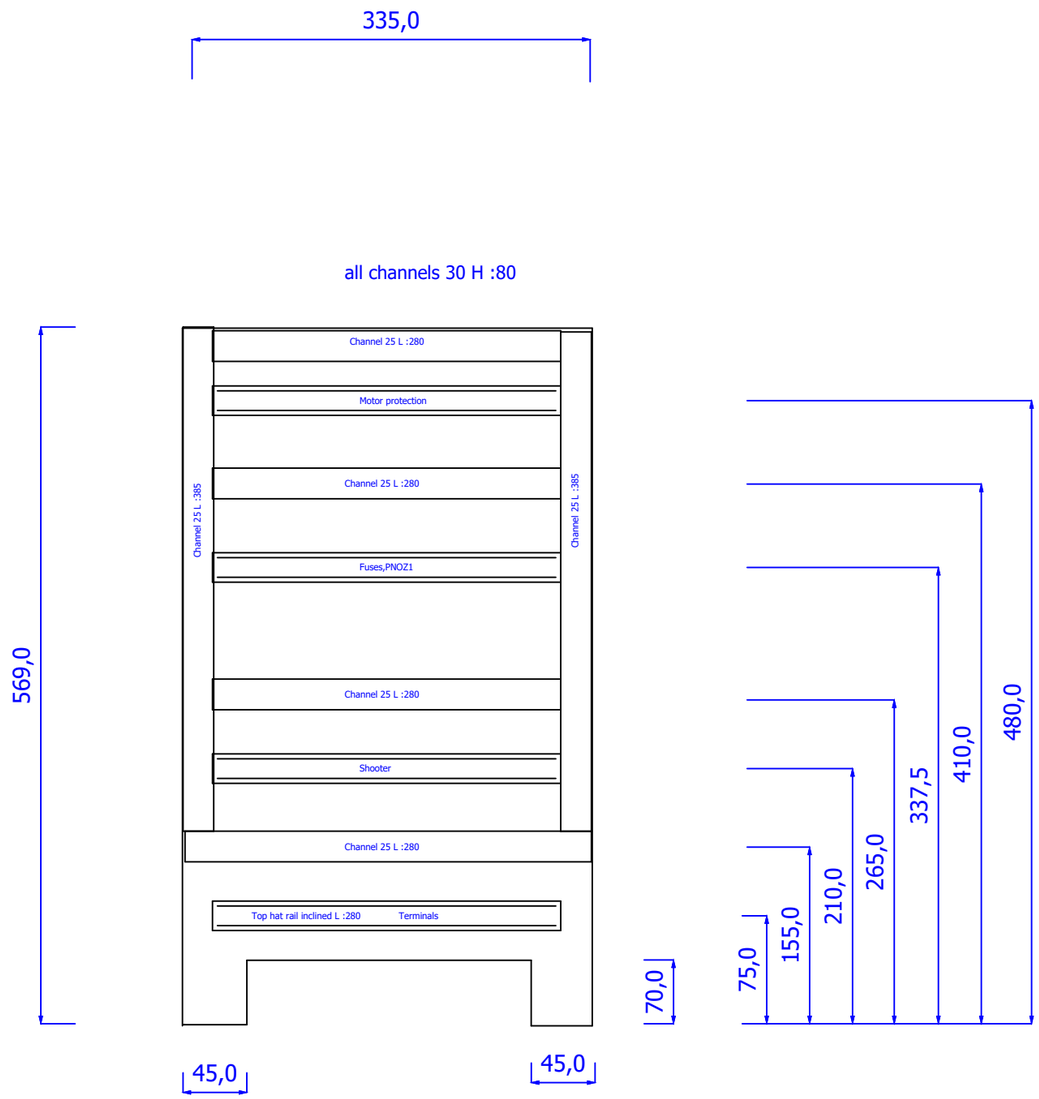


1= DT rt with 0 Control Off
2= LDT gn Control On
3= LM rt Motor fault
4= Emergency stop
5= DT rt with 0 Roller and field spider Off
6= LDT gn Pole wheel drive right
7= LDT gn Pole wheel drive left
8= LDT gn rolling On
9= WSr Conveyor belt On
10= Blank cap



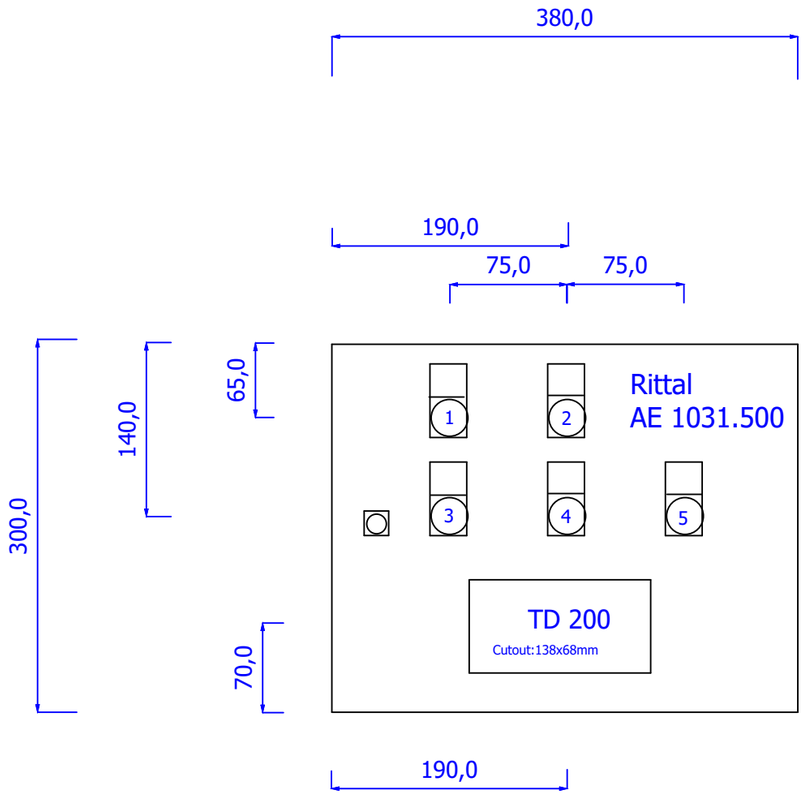


Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	Structure +S1_G	PGr.: 1361	= WAMA 02 09 + S
Date			Edited by	sps_pm				V01_00	Bl. 40
Creator			Checked	sps_pm					from



Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	Construction +S1_G Mounting plate	PGr.: 1361
Date			Edited by	sps_pm				V01_00
Creator			Checked	sps_pm				

= WAMA 02 09
+ S
Bl. 41
from



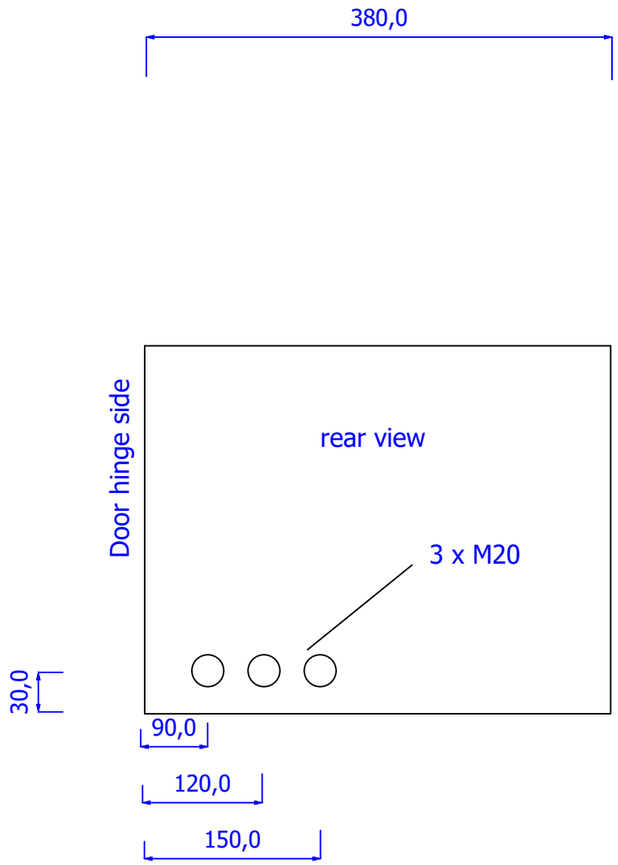
1= LM ws Hand

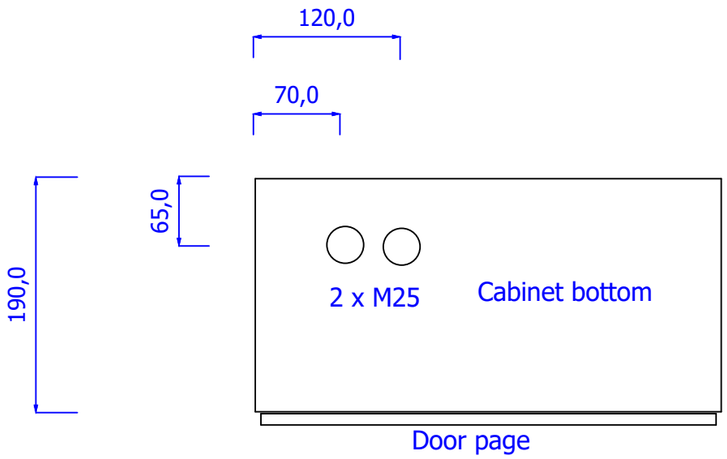
2= LM ws Automatic

3= WSr Hand/Auto

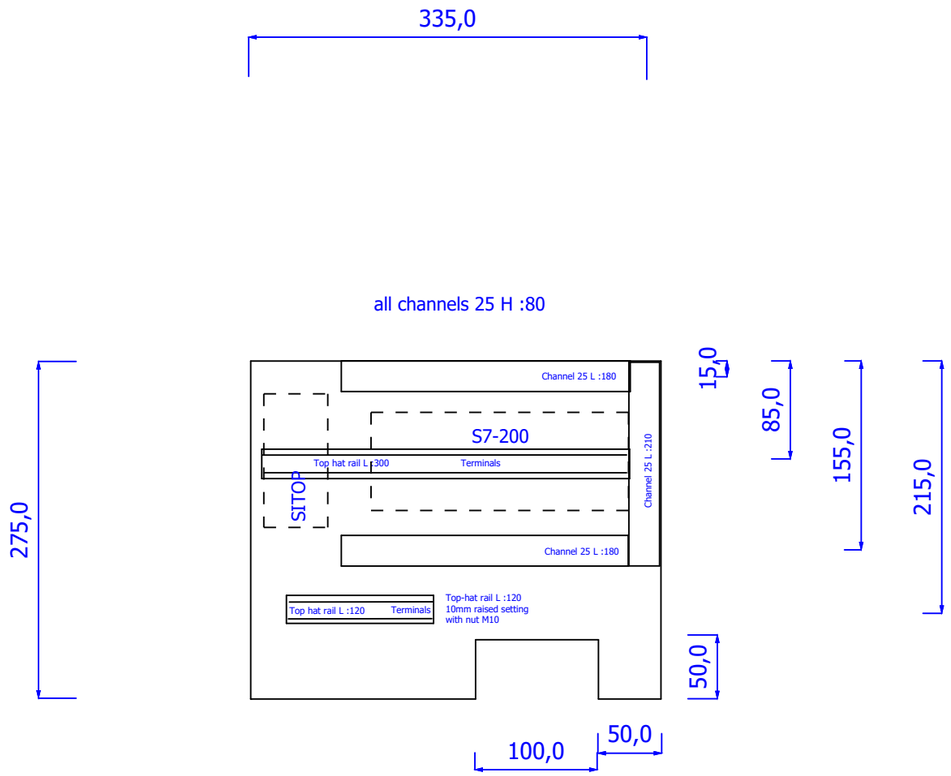
4= DT bl Single step

5= LDT ws Initial position





Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	Structure +S1_K	PGr.: 1361	= WAMA 02 09 + S
Date			Edited by	sps_pm				V01_00	Bl. 42
Creator			Checked	sps_pm					from



Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	Construction +S1_K Mounting plate	PGr.: 1361	= WAMA 02 09 + S
Date			Edited by	sps_pm				V01_00	Bl. 43
Creator			Checked	sps_pm					from

alufarbenes Schild,schwarze Schrift, Standartgrösse Möllerschild

Control On

Pole wheel drive left

Hand

Control Off

Roll On

Automatic

Motor fault

Conveyor belt On

Hand/Auto

Roller and field spider Off

Single step

Pole wheel drive right

Initial position

=WAMA 02 09+S-S1_G =WAMA 02 09+S/40.4	AE 1338.500 RIT.AE1338.500	AE compact cabinet (WxHxD) 380x600x350mm, 1-door, with mounting plate, with 1 gland plate, painted			
=WAMA 02 09+S-S1_K =WAMA 02 09+S/42.4	AE 1031.500 RIT.AE1031.500	AE compact cabinet (WxHxD) 380x300x210mm, 1-door, with mounting plate, with 1 gland plate, painted			
=WAMA 02 09+S1-3A1 =WAMA 02 09+S1/3.0	6ES7216-2AD23-0XB0 SIE.6ES7216-2AD23-0XB0	SIMATIC S7-200, CPU 226 COMPACT DEVICE, DC POWER SUPPLY. 24 DE DC/16 DA DC, 16/24 KB	Siemens		
=WAMA 02 09+S1-3A1 =WAMA 02 09+S1/9.0					
=WAMA 02 09+S1-3A2 =WAMA 02 09+S1/3.6	6ES7272-0AA30-0YA1 SIE.6ES7272-0AA30-0YA1	SIMATIC S7-200, TD 200 TEXTDISPLAY FOR S7-200, 2-LINE, WITH CABLE (2,5M) AND MOUNTING	Siemens		
=WAMA 02 09+S1-1F1 =WAMA 02 09+S1/1.0	23773 SCN.23773	Miniature circuit breaker 23773 - row C60N - curve C - three-pole - 10 A/440 V AC/DC - thermomagnetic			
=WAMA 02 09+S1-1F3 =WAMA 02 09+S1/1.8	23732 SCN.23732	Miniature circuit breaker 23732 - row C60N - curve C - single pole - 6 A/440 V AC/DC - thermomagnetic			
=WAMA 02 09+S1-2F2 =WAMA 02 09+S1/2.1	23726 SCN.23726	Circuit breaker. C60N, curve C - 1 P - 2A/440V AC - thermomagn.			
=WAMA 02 09+S1-2F4 =WAMA 02 09+S1/2.5	23726 SCN.23726	Circuit breaker. C60N, curve C - 1 P - 2A/440V AC - thermomagn.			
=WAMA 02 09+S1-2F5 =WAMA 02 09+S1/2.6	23726 SCN.23726	Circuit breaker. C60N, curve C - 1 P - 2A/440V AC - thermomagn.			
=WAMA 02 09+S1-2F6 =WAMA 02 09+S1/2.6	23726 SCN.23726	Circuit breaker. C60N, curve C - 1 P - 2A/440V AC - thermomagn.			
=WAMA 02 09+S1-2H1 =WAMA 02 09+S1/2.4					
=WAMA 02 09+S1-4H0.1 =WAMA 02 09+S1/4.3	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-4H0.1 =WAMA 02 09+S1/4.3	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-4H0.1 =WAMA 02 09+S1/4.3	M22-L-R MOE.216772	Indicator lamp, red, flat			
=WAMA 02 09+S1-4H0.1 =WAMA 02 09+S1/4.3	M22-LED-R MOE.216558	LED element, red, front mounting, screw terminals, voltage 12-30V AC/DC, current 8-15mA, power 0,26W			
=WAMA 02 09+S1-6H1 =WAMA 02 09+S1/6.3	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-6H1 =WAMA 02 09+S1/6.3	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-6H1 =WAMA 02 09+S1/6.3	M22-L-W MOE.216771	Indicator lamp, white, flat			

0	1	2	3	4	5	6	7	8	9

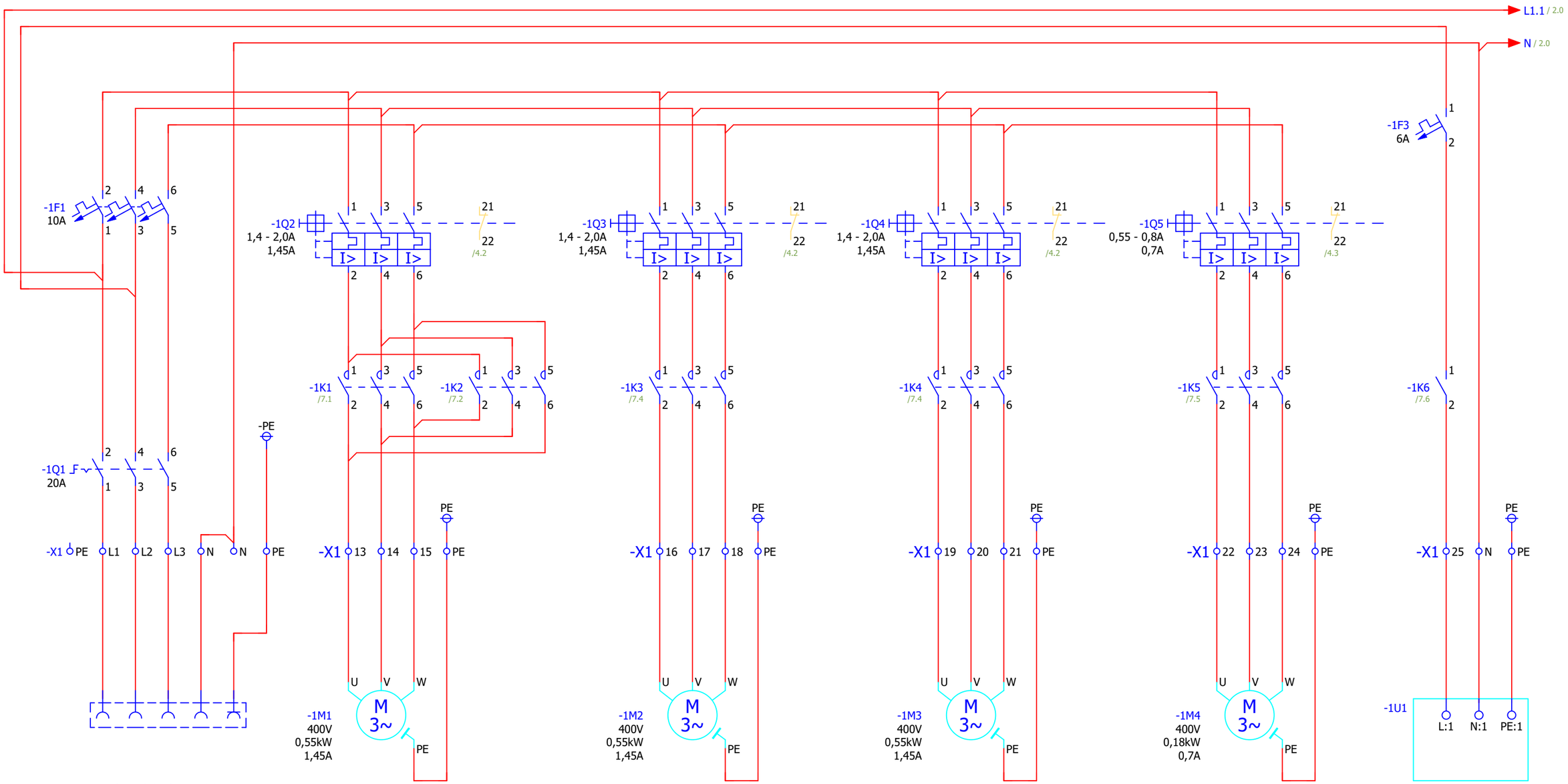
=WAMA 02 09+S1-6H1 =WAMA 02 09+S1/6.3	M22-LED-W MOE.216557	LED element, white, front mounting, screw terminals, voltage 12-30V AC/DC, current 8-15mA, power			
=WAMA 02 09+S1-6H2 =WAMA 02 09+S1/6.3	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-6H2 =WAMA 02 09+S1/6.3	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-6H2 =WAMA 02 09+S1/6.3	M22-L-W MOE.216771	Indicator lamp, white, flat			
=WAMA 02 09+S1-6H2 =WAMA 02 09+S1/6.3	M22-LED-W MOE.216557	LED element, white, front mounting, screw terminals, voltage 12-30V AC/DC, current 8-15mA, power			
=WAMA 02 09+S1-7H1 =WAMA 02 09+S1/7.2					
=WAMA 02 09+S1-7H1.1 =WAMA 02 09+S1/7.3					
=WAMA 02 09+S1-7H1.2 =WAMA 02 09+S1/7.3					
=WAMA 02 09+S1-7H3/4 =WAMA 02 09+S1/7.5					
=WAMA 02 09+S1-7H5 =WAMA 02 09+S1/7.6	M22-LED-W MOE.216557	LED element, white, front mounting, screw terminals, voltage 12-30V AC/DC, current 8-15mA, power			
=WAMA 02 09+S1-8H1 =WAMA 02 09+S1/8.4					
=WAMA 02 09+S1-1K1 =WAMA 02 09+S1/7.1	3RT2016-1BB41 SIE.3RT2016-1BB41	CONTACTOR, AC-3, 4KW/400V, 1S, DC 24V, 3PIN, BGR. S00, SCREW TERMINAL	Siemens		
=WAMA 02 09+S1-1K1 =WAMA 02 09+S1/7.1	3RH2911-1HA12 SIE.3RH2911-1HA12	AUXILIARY SWITCH BLOCK, 22E,1S+2OE, DIN EN 50012, SCREW TERMINALS, FOR MOTOR	Siemens		
=WAMA 02 09+S1-1K1 =WAMA 02 09+S1/7.1	3RT2916-1DG00 SIE.3RT2916-1DG00	SUPPRESSOR DIODE, DC 12...250V, OVERVOLTAGE LIMITER, FOR MOUNTING ON CONTACTORS, BGR.	Siemens		
=WAMA 02 09+S1-1K2 =WAMA 02 09+S1/7.2	3RT2016-1BB41 SIE.3RT2016-1BB41	CONTACTOR, AC-3, 4KW/400V, 1S, DC 24V, 3PIN, BGR. S00, SCREW TERMINAL	Siemens		
=WAMA 02 09+S1-1K2 =WAMA 02 09+S1/7.2	3RH2911-1HA12 SIE.3RH2911-1HA12	AUXILIARY SWITCH BLOCK, 22E,1S+2OE, DIN EN 50012, SCREW TERMINALS, FOR MOTOR	Siemens		
=WAMA 02 09+S1-1K2 =WAMA 02 09+S1/7.2	3RT2916-1DG00 SIE.3RT2916-1DG00	SUPPRESSOR DIODE, DC 12...250V, OVERVOLTAGE LIMITER, FOR MOUNTING ON CONTACTORS, BGR.	Siemens		
=WAMA 02 09+S1-1K3 =WAMA 02 09+S1/7.4	3RT2016-1BB41 SIE.3RT2016-1BB41	CONTACTOR, AC-3, 4KW/400V, 1S, DC 24V, 3PIN, BGR. S00, SCREW TERMINAL	Siemens		
=WAMA 02 09+S1-1K3 =WAMA 02 09+S1/7.4	3RT2916-1DG00 SIE.3RT2916-1DG00	SUPPRESSOR DIODE, DC 12...250V, OVERVOLTAGE LIMITER, FOR MOUNTING ON CONTACTORS, BGR.	Siemens		

=WAMA 02 09+S1-1K4 =WAMA 02 09+S1/7.4	3RT2016-1BB41 SIE.3RT2016-1BB41	CONTACTOR, AC-3, 4KW/400V, 1S, DC 24V, 3PIN, BGR. S00, SCREW TERMINAL	Siemens		
=WAMA 02 09+S1-1K4 =WAMA 02 09+S1/7.4	3RT2916-1DG00 SIE.3RT2916-1DG00	SUPPRESSOR DIODE, DC 12...250V, OVERVOLTAGE LIMITER, FOR MOUNTING ON CONTACTORS, BGR.	Siemens		
=WAMA 02 09+S1-1K5 =WAMA 02 09+S1/7.5	3RT2016-1BB41 SIE.3RT2016-1BB41	CONTACTOR, AC-3, 4KW/400V, 1S, DC 24V, 3PIN, BGR. S00, SCREW TERMINAL	Siemens		
=WAMA 02 09+S1-1K5 =WAMA 02 09+S1/7.5	3RT2916-1DG00 SIE.3RT2916-1DG00	SUPPRESSOR DIODE, DC 12...250V, OVERVOLTAGE LIMITER, FOR MOUNTING ON CONTACTORS, BGR.	Siemens		
=WAMA 02 09+S1-1K6 =WAMA 02 09+S1/7.6	3RT2016-1BB41 SIE.3RT2016-1BB41	CONTACTOR, AC-3, 4KW/400V, 1S, DC 24V, 3PIN, BGR. S00, SCREW TERMINAL	Siemens		
=WAMA 02 09+S1-1K6 =WAMA 02 09+S1/7.6	3RT2916-1DG00 SIE.3RT2916-1DG00	SUPPRESSOR DIODE, DC 12...250V, OVERVOLTAGE LIMITER, FOR MOUNTING ON CONTACTORS, BGR.	Siemens		
=WAMA 02 09+S1-2K1 =WAMA 02 09+S1/2.4	PSR-SCP- PHO.2963763	2-channel safety relay for emergency stop and safety door circuits, 3 NO contact, 1 NC contact, undelayed,	PHOENIX CONTACT GmbH & Co. KG		
=WAMA 02 09+S1-1Q1 =WAMA 02 09+S1/1.0	T0-2-1/EA/SVB MOE.038873	Main switch as emergency stop device, for front mounting, 20A, 3-pole			
=WAMA 02 09+S1-1Q2 =WAMA 02 09+S1/1.2	3RV2011-1BA10 SIE.3RV2011-1BA10	CIRCUIT BREAKER BGR. S00, FOR MOTOR PROTECTION, CLASS 10, EXCL. 1,4...2A, N-EXT. 26A, SCREW	Siemens		
=WAMA 02 09+S1-1Q2 =WAMA 02 09+S1/1.2	3RV2901-1E SIE.3RV2901-1E	AUXILIARY SWITCH CROSSWISE, 1S+1OE, FOR CIRCUIT BREAKER, BGR. S00...S3	Siemens		
=WAMA 02 09+S1-1Q3 =WAMA 02 09+S1/1.3	3RV2011-1BA10 SIE.3RV2011-1BA10	CIRCUIT BREAKER BGR. S00, FOR MOTOR PROTECTION, CLASS 10, EXCL. 1,4...2A, N-EXT. 26A, SCREW	Siemens		
=WAMA 02 09+S1-1Q3 =WAMA 02 09+S1/1.3	3RV2901-1E SIE.3RV2901-1E	AUXILIARY SWITCH CROSSWISE, 1S+1OE, FOR CIRCUIT BREAKER, BGR. S00...S3	Siemens		
=WAMA 02 09+S1-1Q4 =WAMA 02 09+S1/1.5	3RV2011-1BA10 SIE.3RV2011-1BA10	CIRCUIT BREAKER BGR. S00, FOR MOTOR PROTECTION, CLASS 10, EXCL. 1,4...2A, N-EXT. 26A, SCREW	Siemens		
=WAMA 02 09+S1-1Q4 =WAMA 02 09+S1/1.5	3RV2901-1E SIE.3RV2901-1E	AUXILIARY SWITCH CROSSWISE, 1S+1OE, FOR CIRCUIT BREAKER, BGR. S00...S3	Siemens		
=WAMA 02 09+S1-1Q5 =WAMA 02 09+S1/1.7	3RV2011-0HA10 SIE.3RV2011-0HA10	CIRCUIT BREAKER BGR. S00, FOR MOTOR PROTECTION, CLASS 10, A-OUTL.0,55...0,8A, N-OUTL.10 A	Siemens		
=WAMA 02 09+S1-1Q5 =WAMA 02 09+S1/1.7	3RV2901-1E SIE.3RV2901-1E	AUXILIARY SWITCH CROSSWISE, 1S+1OE, FOR CIRCUIT BREAKER, BGR. S00...S3	Siemens		
=WAMA 02 09+S1-2S1 =WAMA 02 09+S1/2.4	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-2S1 =WAMA 02 09+S1/2.4	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-2S1 =WAMA 02 09+S1/2.4	M22-D-R MOE.216594	Pushbutton, red, flat, tactile, front ring titanium			

=WAMA 02 09+S1-2S1 =WAMA 02 09+S1/2.4	M22-K01 MOE.216378	Contact element, 1 NC contact, front mounting, screw terminals			
=WAMA 02 09+S1-2S2 =WAMA 02 09+S1/2.4	M22-PV MOE.216876	Emergency stop button, unlit, reset by pulling			
=WAMA 02 09+S1-2S2 =WAMA 02 09+S1/2.4	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-2S2 =WAMA 02 09+S1/2.4	M22-K01 MOE.216378	Contact element, 1 NC contact, front mounting, screw terminals			
=WAMA 02 09+S1-2S2 =WAMA 02 09+S1/2.4	M22-XBK1 MOE.216483	Emergency stop sign, round (d) 60mm, in four languages (de, en, fr, it), plastic, golden yellow			
=WAMA 02 09+S1-2S4 =WAMA 02 09+S1/2.8	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-2S4 =WAMA 02 09+S1/2.8	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-2S4 =WAMA 02 09+S1/2.8	M22-DL-G MOE.216927	illuminated pushbutton, green, flat, tactile, front ring titanium			
=WAMA 02 09+S1-2S4 =WAMA 02 09+S1/2.8	M22-K10 MOE.216376	Contact element, 1 NO contact, front mounting, screw terminals			
=WAMA 02 09+S1-2S4 =WAMA 02 09+S1/2.8	M22-LED-G MOE.216559	LED element, green, front mounting, screw terminals, voltage 12-30V AC/DC, current 8-15mA, power			
=WAMA 02 09+S1-4S0.0 =WAMA 02 09+S1/4.1	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-4S0.0 =WAMA 02 09+S1/4.1	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-4S0.0 =WAMA 02 09+S1/4.1	M22-D-R MOE.216594	Pushbutton, red, flat, tactile, front ring titanium			
=WAMA 02 09+S1-4S0.0 =WAMA 02 09+S1/4.1	M22-K01 MOE.216378	Contact element, 1 NC contact, front mounting, screw terminals			
=WAMA 02 09+S1-4S0.2 =WAMA 02 09+S1/4.4	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-4S0.2 =WAMA 02 09+S1/4.4	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-4S0.2 =WAMA 02 09+S1/4.4	M22-DL-G MOE.216927	illuminated pushbutton, green, flat, tactile, front ring titanium			
=WAMA 02 09+S1-4S0.2 =WAMA 02 09+S1/4.4	M22-K10 MOE.216376	Contact element, 1 NO contact, front mounting, screw terminals			
=WAMA 02 09+S1-4S0.2 =WAMA 02 09+S1/4.4	M22-LED-G MOE.216559	LED element, green, front mounting, screw terminals, voltage 12-30V AC/DC, current 8-15mA, power			

=WAMA 02 09+S1-4S0.3 =WAMA 02 09+S1/4.4	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-4S0.3 =WAMA 02 09+S1/4.4	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-4S0.3 =WAMA 02 09+S1/4.4	M22-DL-G MOE.216927	illuminated pushbutton, green, flat, tactile, front ring titanium			
=WAMA 02 09+S1-4S0.3 =WAMA 02 09+S1/4.4	M22-K10 MOE.216376	Contact element, 1 NO contact, front mounting, screw terminals			
=WAMA 02 09+S1-4S0.3 =WAMA 02 09+S1/4.4	M22-LED-G MOE.216559	LED element, green, front mounting, screw terminals, voltage 12-30V AC/DC, current 8-15mA, power			
=WAMA 02 09+S1-4S0.4 =WAMA 02 09+S1/4.5	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-4S0.4 =WAMA 02 09+S1/4.5	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-4S0.4 =WAMA 02 09+S1/4.5	M22-DL-G MOE.216927	illuminated pushbutton, green, flat, tactile, front ring titanium			
=WAMA 02 09+S1-4S0.4 =WAMA 02 09+S1/4.5	M22-K10 MOE.216376	Contact element, 1 NO contact, front mounting, screw terminals			
=WAMA 02 09+S1-4S0.4 =WAMA 02 09+S1/4.5	M22-LED-G MOE.216559	LED element, green, front mounting, screw terminals, voltage 12-30V AC/DC, current 8-15mA, power			
=WAMA 02 09+S1-6S2.0 =WAMA 02 09+S1/6.1	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-6S2.0 =WAMA 02 09+S1/6.1	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-6S2.0 =WAMA 02 09+S1/6.1	M22-K10 MOE.216376	Contact element, 1 NO contact, front mounting, screw terminals			
=WAMA 02 09+S1-6S2.0 =WAMA 02 09+S1/6.1	M22-D-B MOE.216600	Push button IP67			
=WAMA 02 09+S1-6S2.1 =WAMA 02 09+S1/6.2	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-6S2.1 =WAMA 02 09+S1/6.2	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-6S2.1 =WAMA 02 09+S1/6.2	M22-WRK MOE.216867	Selector button, white, toggle handle, two positions 0-I, detent, 60°, front ring titanium			
=WAMA 02 09+S1-6S2.1 =WAMA 02 09+S1/6.2	M22-K10 MOE.216376	Contact element, 1 NO contact, front mounting, screw terminals			
=WAMA 02 09+S1-6S2.1 =WAMA 02 09+S1/6.2	M22-K01 MOE.216378	Contact element, 1 NC contact, front mounting, screw terminals			

=WAMA 02 09+S1-6S2.2 =WAMA 02 09+S1/6.4	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-6S2.2 =WAMA 02 09+S1/6.4	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-6S2.2 =WAMA 02 09+S1/6.4	M22-LED-W MOE.216557	LED element, white, front mounting, screw terminals, voltage 12-30V AC/DC, current 8-15mA, power			
=WAMA 02 09+S1-6S2.2 =WAMA 02 09+S1/6.4	M22-DL-W MOE.216922	illuminated pushbutton, white, flat, tactile, front ring titanium			
=WAMA 02 09+S1-6S2.2 =WAMA 02 09+S1/6.4	M22-K10 MOE.216376	Contact element, 1 NO contact, front mounting, screw terminals			
=WAMA 02 09+S1-6S2.4 =WAMA 02 09+S1/6.5	M22-A MOE.216374	Mounting adapter, can be equipped with 3 contact elements			
=WAMA 02 09+S1-6S2.4 =WAMA 02 09+S1/6.5	M22S-ST-X MOE.216392	Label holder (WxH) 30×50mm, for insert label (WxH) 27×18mm			
=WAMA 02 09+S1-6S2.4 =WAMA 02 09+S1/6.5	M22-WRK MOE.216867	Selector button, white, toggle handle, two positions 0-I, detent, 60°, front ring titanium			
=WAMA 02 09+S1-6S2.4 =WAMA 02 09+S1/6.5	M22-K10 MOE.216376	Contact element, 1 NO contact, front mounting, screw terminals			
=WAMA 02 09+S1-2V1 =WAMA 02 09+S1/2.1	6EP1333-2BA01 SIE.6EP1333-2BA01	SITOP SMART 120 W REGULATED POWER SUPPLY INPUT: AC 120/230 V OUTPUT: DC 24 V/5 A VERSION	Siemens		
=WAMA 02 09+S1-0X1 =WAMA 02 09+S1/1.0	CT516/6H ELK.CT516/6H	Cekon connector, 5-pin (3P+N+PE), voltage 400VAC, current 16A			



Feed-in 3/N/PE 400V
50Hz Back-up
fuse
provided by customer max.16A

Polrad

Rolling 1

Rolling 2

conveyor belt

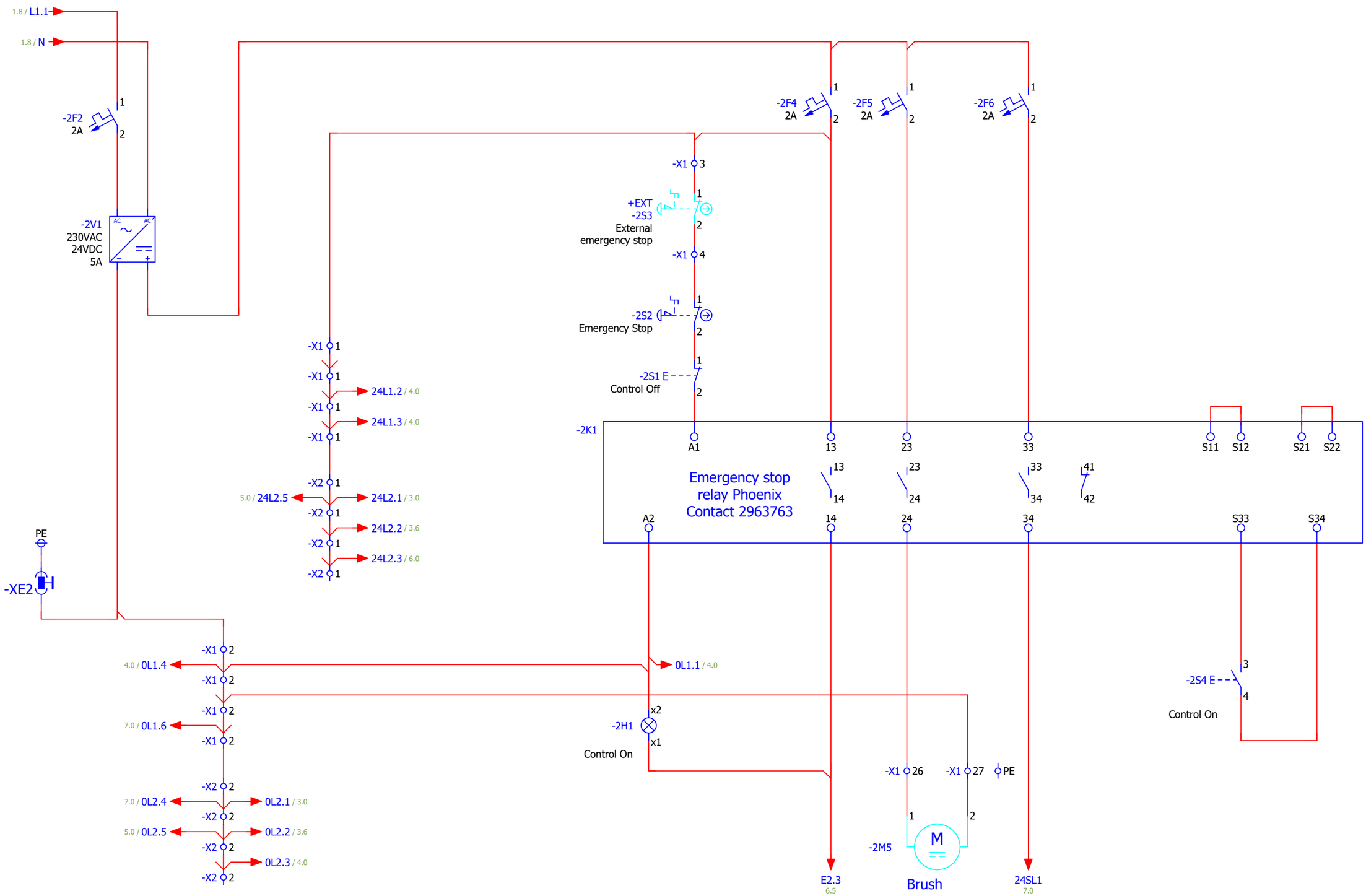
Conveyor bowl

+S/205

2

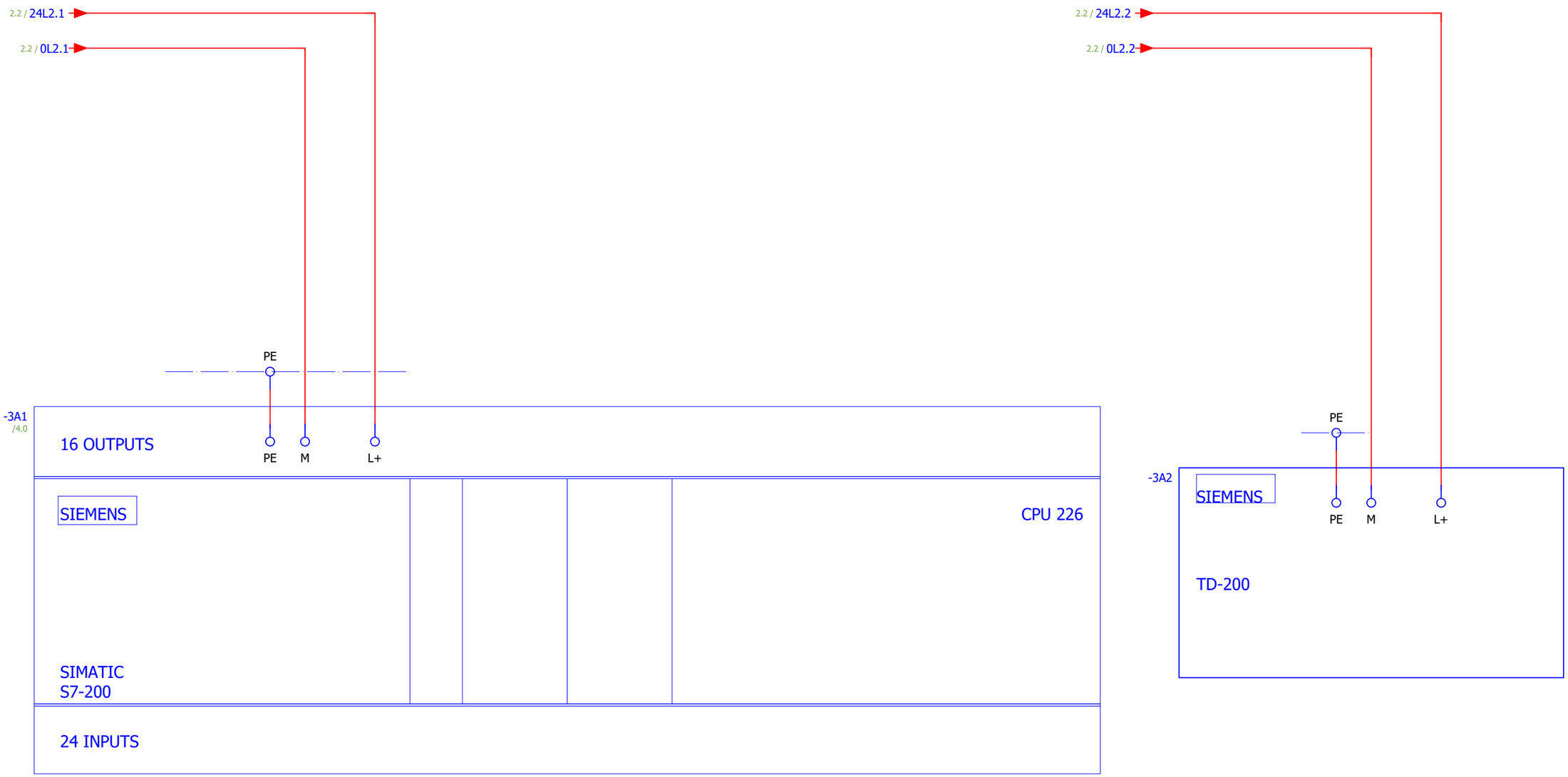
Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	Feed-in Back-up fuse	PGr.: 1361
Date			Edited by	sps_pm				V01_00
Creator			Checked	sps_pm				

= WAMA 02 09
+ S1
Bl. 1
from

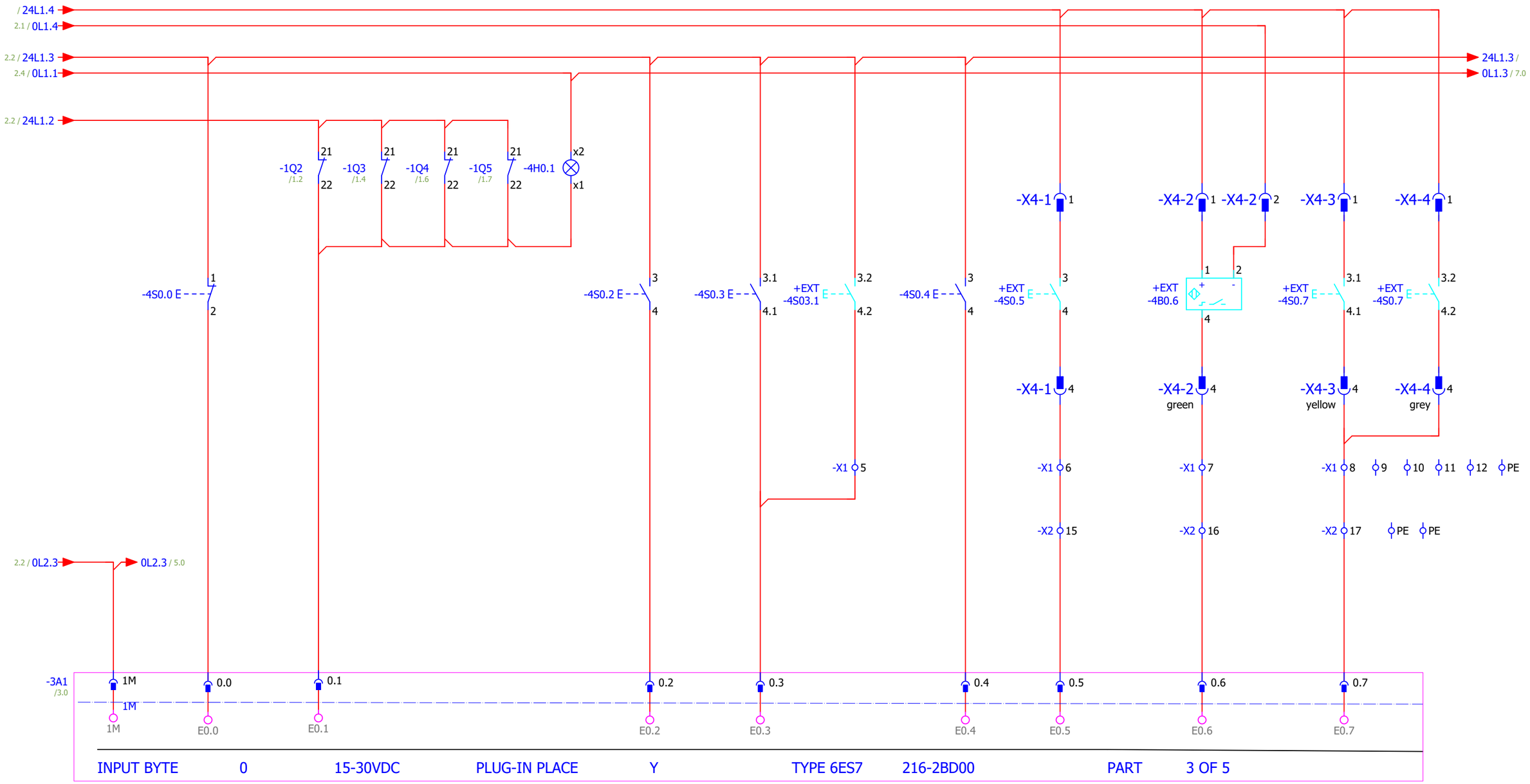


1 3

Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	24VDC Potential distribution emergency stop	PGr.: 1361	= WAMA 02 09 + S1
Date			Edited by	sps_pm				V01_00	Bl. 2
Creator			Checked	sps_pm					from



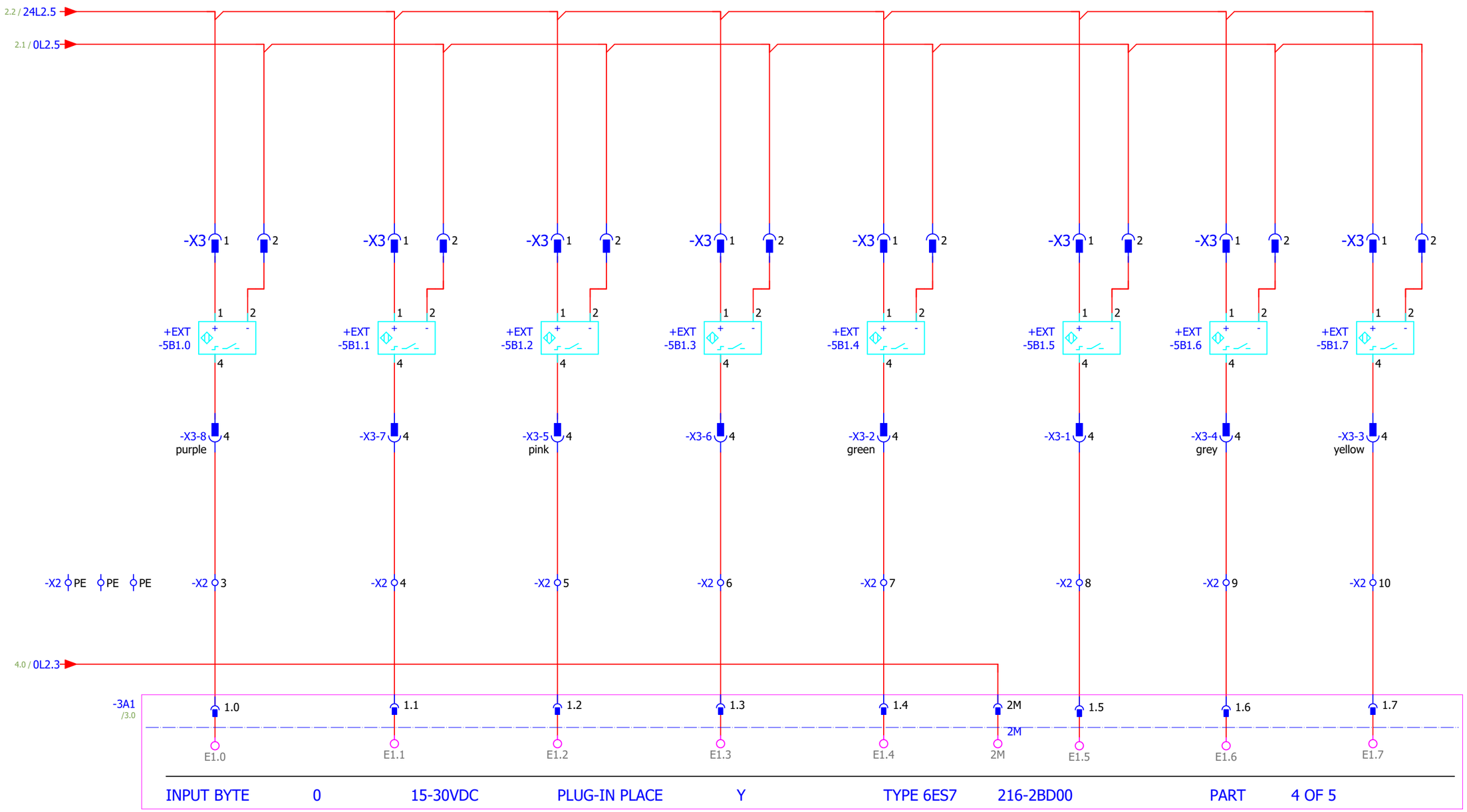
Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	S7-200	PGr.: 1361	= WAMA 02 09 + S1
Date			Edited by	sps_pm				V01_00	Bl. 3
Creator			Checked	sps_pm					from



Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	S7-200 E0.0-E0.7	PGr.: 1361
Date			Edited by	sps_pm			V01_00
Creator			Checked	sps_pm			

erler automation · robotik

= WAMA 02 09
+ S1
Bl. 4
from



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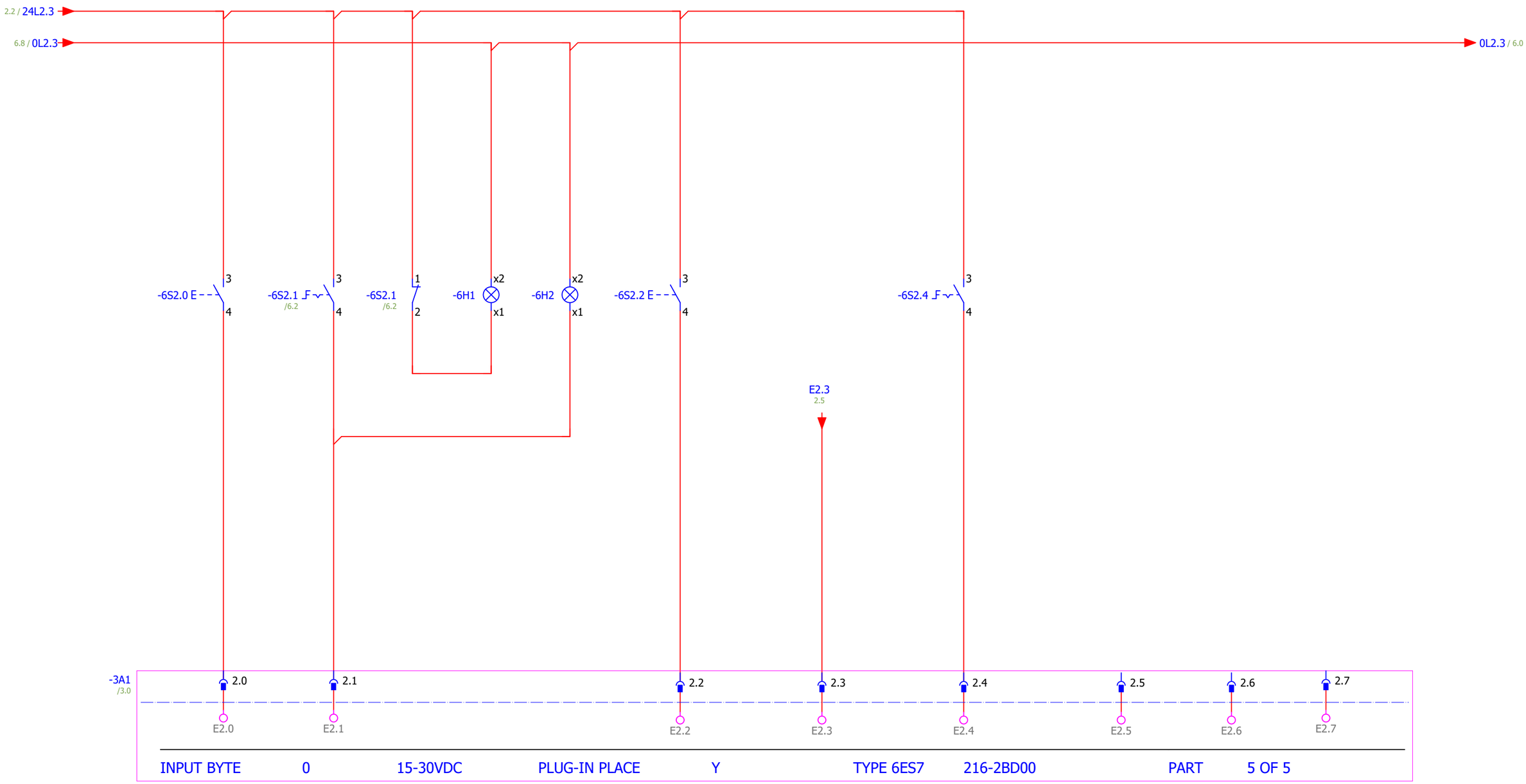
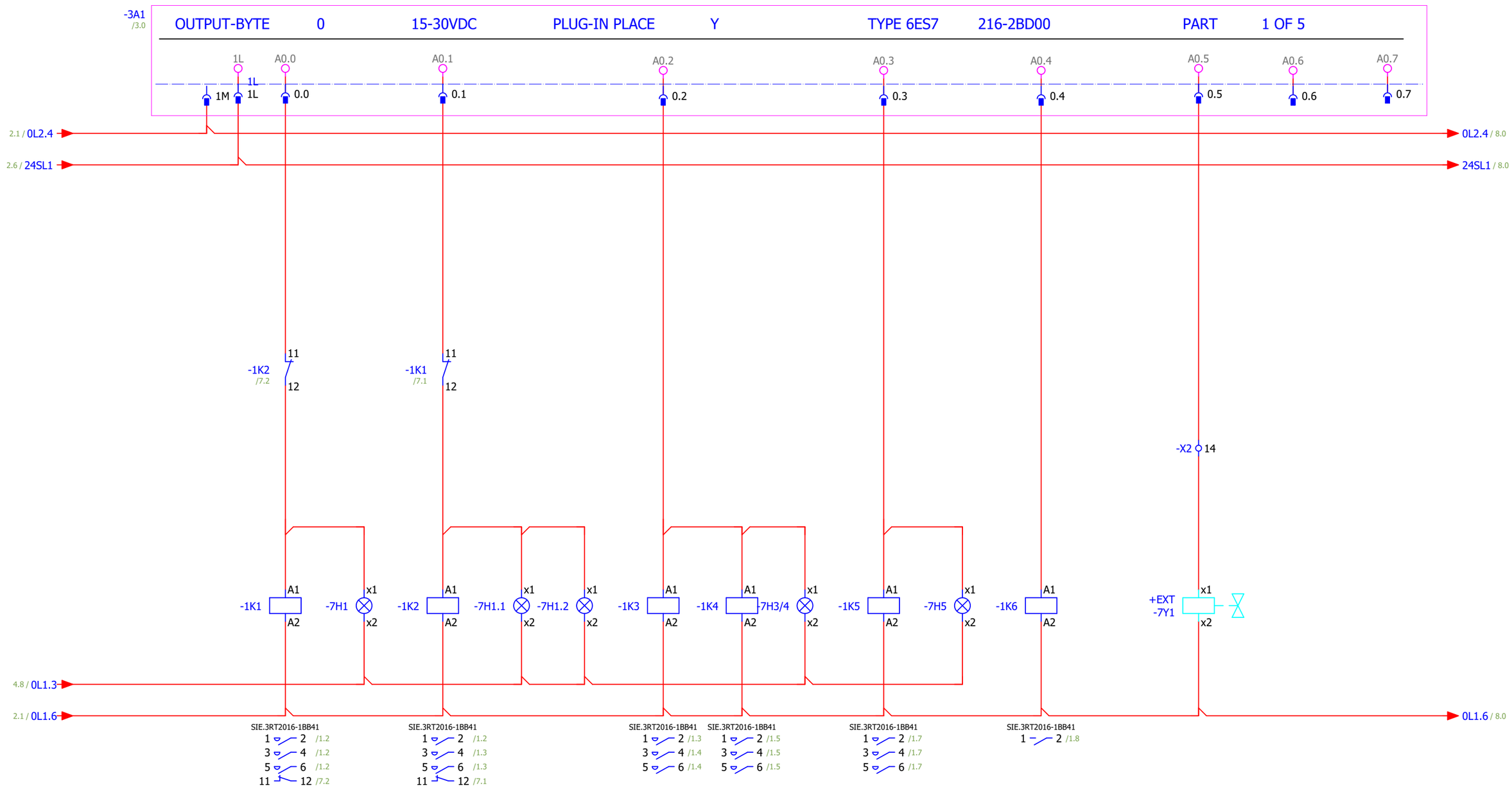
6

Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	S7-200 E1.0-E1.7	PGr.: 1361	= WAMA 02 09 + S1
Date			Edited by	sps_pm				V01_00	Bl. 5
Creator			Checked	sps_pm					from



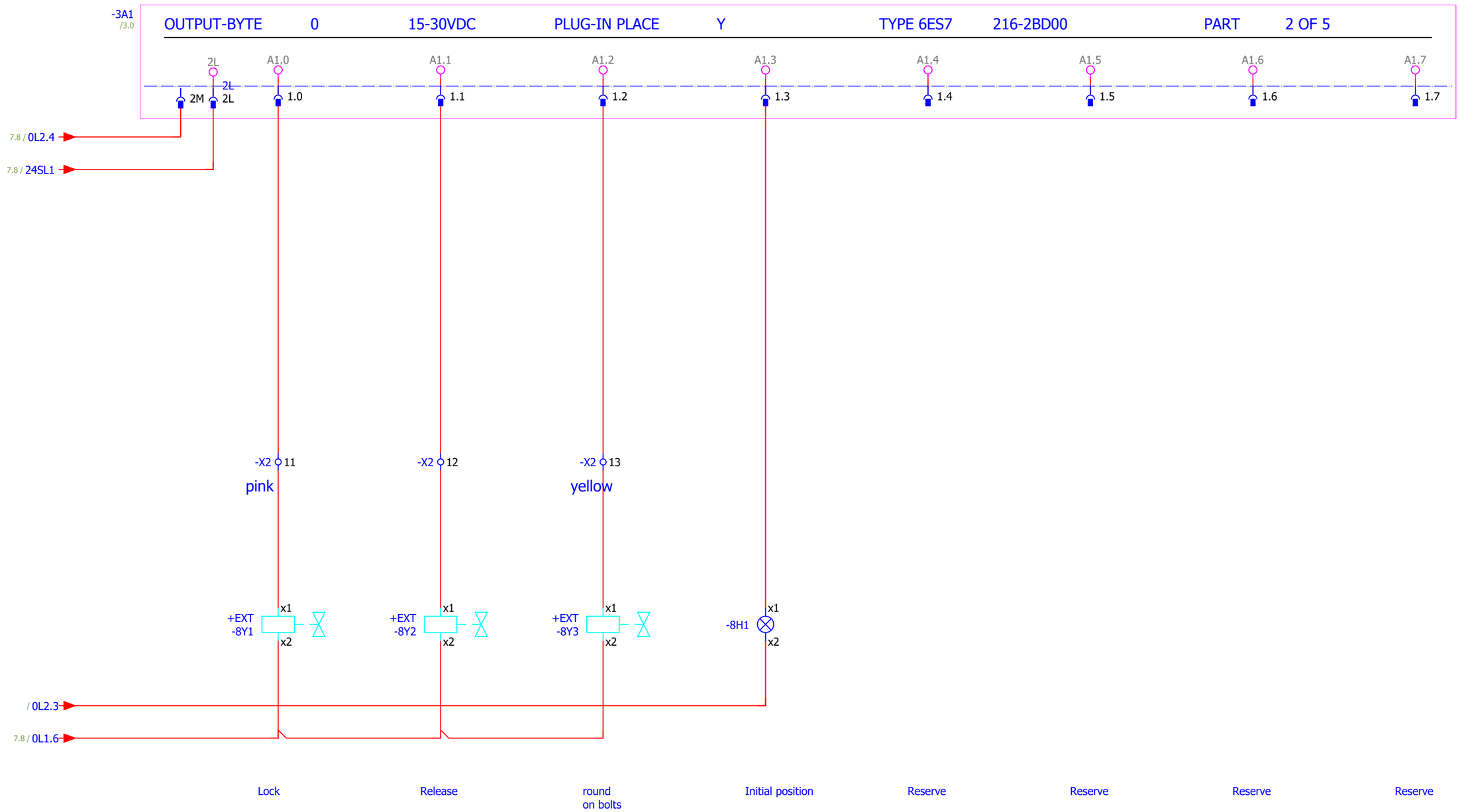
5 7

Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	S7-200 E2.0-E2.7	PGr.: 1361	= WAMA 02 09 + S1
Date			Edited by	sps_pm				V01_00	Bl. 6
Creator			Checked	sps_pm					from

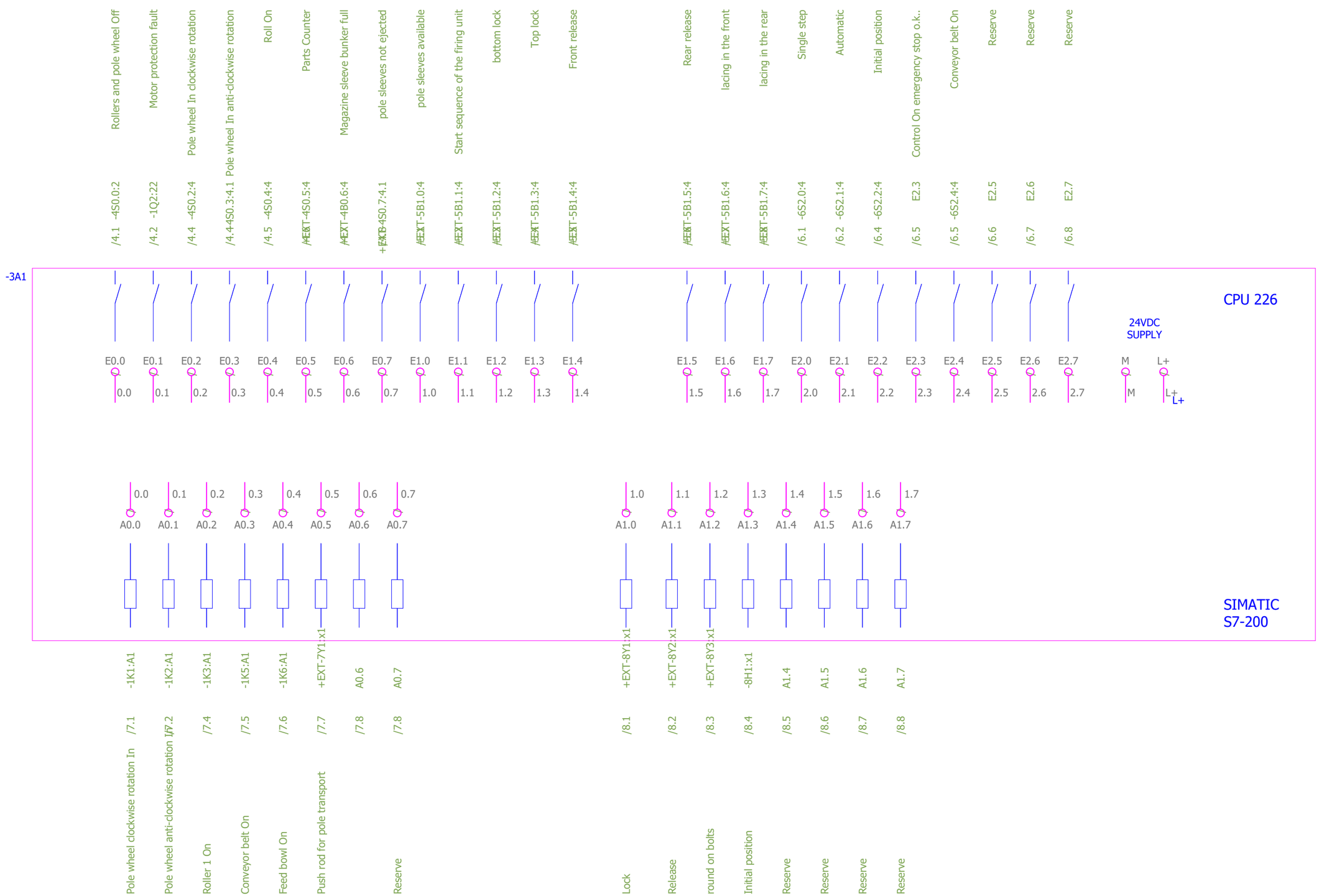


6 8

Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	S7-200 A0.0-A0.7	PGr.: 1361	= WAMA 02 09 + S1
Date			Edited by	sps_pm				V01_00	Bl. 7
Creator			Checked	sps_pm					from



Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	S7-200 A1.0-A1.7	PGr.: 1361	= WAMA 02 09 + S1
Date			Edited by	sps_pm				V01_00	Bl. 8
Creator			Checked	sps_pm					from



Version	V01_00		Modification	20.02.2020	Wegmann rolling machine 02 09	erler automation · robotik	S7-200 Cross references	PGr.: 1361
Date			Edited by	sps_pm				V01_00
Creator			Checked	sps_pm				

= WAMA 02 09
+ S1
Bl. 9
from

=WAMA 02 09+S1-X1

		PE		/1.0		
-0X1		L1		/1.0	1	-1Q1
-0X1		L2		/1.0	3	-1Q1
-0X1		L3		/1.1	5	-1Q1
-0X1		N		/1.1		
		N		/1.1		
-0X1		PE		/1.1		
		1		/2.2		
		1		/2.2		
		1		/2.2	21	-1Q2
-X2	1	1		/2.2	1	-4S0.0
		2		/2.1		-2V1
		2		/2.1	2	-X4-2
					x2	-2H1
		2		/2.1		
-X2	2	2		/2.1	A2	-1K1
+EXT-2S3	1	3		/2.4	13	-2K1
-2S2	1	4		/2.4	2	+EXT-2S3
-3A1	0.3	5		/4.5	4.2	+EXT-4S03.1
-X2	15	6		/4.6	4	-X4-1
-X2	16	7		/4.7	4	-X4-2
-X2	17	8		/4.8	4	-X4-3
					4	-X4-4
		9		/4.8		
		10		/4.8		
		11		/4.8		
		12		/4.8		
		PE		/4.9		
-1M1	U	13		/1.2	2	-1K1

Version	V01_00		Modification	20.02.2020
Date			Edited by	sps_pm
Creator			Checked	sps_pm

Wegmann
rolling machine 02 09

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Klemmenplan
=WAMA 02 09+S1-X1

PGr.: 1361

V01_00

= WAMA 02 09
+ S1

Bl. 200
from

=WAMA 02 09+S1-X1

					6	-1K2
-1M1	V	14		/1.2	4	-1K1
					4	-1K2
-1M1	W	15		/1.2	6	-1K1
					2	-1K2
-1M1	PE	PE		/1.2		
-1M2	U	16		/1.3	2	-1K3
-1M2	V	17		/1.4	4	-1K3
-1M2	W	18		/1.4	6	-1K3
-1M2	PE	PE		/1.4		
-1M3	U	19		/1.5	2	-1K4
-1M3	V	20		/1.5	4	-1K4
-1M3	W	21		/1.5	6	-1K4
-1M3	PE	PE		/1.6		
-1M4	U	22		/1.7	2	-1K5
-1M4	V	23		/1.7	4	-1K5
-1M4	W	24		/1.7	6	-1K5
-1M4	PE	PE		/1.7		
-1U1-L	1	25		/1.8	2	-1K6
-1U1-N	1	N		/1.8		-2V1
-1U1-PE	1	PE		/1.8		
-2M5	1	26		/2.6	24	-2K1
-2M5	2	27		/2.6		
		PE		/2.6		

Version	V01_00		Modification	20.02.2020
Date			Edited by	sps_pm
Creator			Checked	sps_pm

Wegmann
rolling machine 02 09

erler automation · robotik

Klemmenplan
=WAMA 02 09+S1-X1

PGr.: 1361

V01_00

= WAMA 02 09
+ S1

Bl. 200.1
from

=WAMA 02 09+S1-X2

		PE		/5.0		
		PE		/5.0		
		PE		/5.0		
		1		/2.2	1	-X1
		1		/2.2	1	-X3
					L+	-3A1
		1		/2.2	L+	-3A2
		1		/2.2	3	-6S2.0
		2		/2.1	2	-X1
		2		/2.1	1M	-3A1
					M	-3A1
		2		/2.1	2	-X3
					M	-3A2
		2		/2.1	1M	-3A1
-3A1	1.0	3		/5.1	4	-X3-8
-3A1	1.1	4		/5.2	4	-X3-7
-3A1	1.2	5		/5.3	4	-X3-5
-3A1	1.3	6		/5.4	4	-X3-6
-3A1	1.4	7		/5.5	4	-X3-2
-3A1	1.5	8		/5.6	4	-X3-1
-3A1	1.6	9		/5.7	4	-X3-4
-3A1	1.7	10		/5.8	4	-X3-3
+EXT-8Y1	x1	11		/8.1	1.0	-3A1
+EXT-8Y2	x1	12		/8.2	1.1	-3A1
+EXT-8Y3	x1	13		/8.3	1.2	-3A1
+EXT-7Y1	x1	14		/7.7	0.5	-3A1
-3A1	0.5	15		/4.6	6	-X1
-3A1	0.6	16		/4.7	7	-X1
-3A1	0.7	17		/4.8	8	-X1

=WAMA 02 09+S1-X2

PE	•	/4.8				
PE	•	/4.8				

Version	V01_00		Modification	20.02.2020
Date			Edited by	sps_pm
Creator			Checked	sps_pm

Wegmann
rolling machine 02 09

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Klemmenplan
=WAMA 02 09+S1-X2

PGr.: 1361

V01_00

= WAMA 02 09
+ S1

Bl. 201.1
from