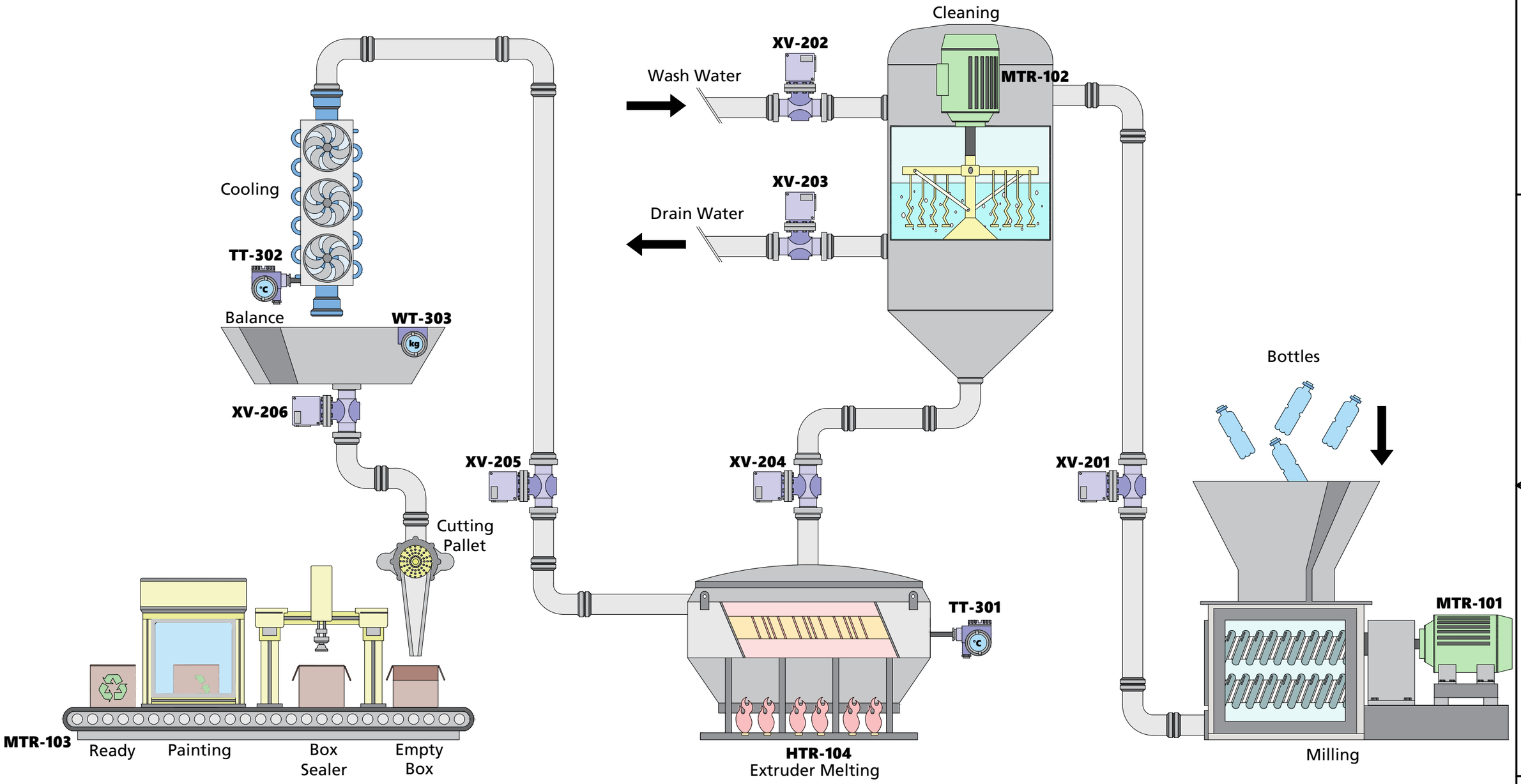
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Skill: Skill 19 Industrial Control				
Design by: Rodolfo Neves, SCM				
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 01 of 30	
File Name: WSC2026_TP19_MA_mainproject_01_en				Rev: V2
Description: Module A – Main Project				Projection:
Extra Info 1	Extra Info 2			

Recycling of PET Bottles



Legend:

MTR-101: Milling Motor
MTR-102: Mixing/Cleaning Motor
MTR-103: Belt Motor
HTR-104: Heater
XV-201: Discharge Valve
XV-202: Wash Water Inlet Valve
XV-203: Drain Outlet Valve
XV-204: Discharge Valve
XV-205: Discharge Valve
XV-206: Discharge Valve

TT-301: Heating Temperature Sensor
TT-302: Cooling Temperature Sensor
WT-303: Balance Sensor

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Skill: Skill 19 Industrial Control			
Design by: Rodolfo Neves, SCM			
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 02 of 30
File Name: WSC2026_TP19_MA_mainproject_01_en			Rev: V2
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STATION N° SKILL 19 - INDUSTRIAL CONTROL

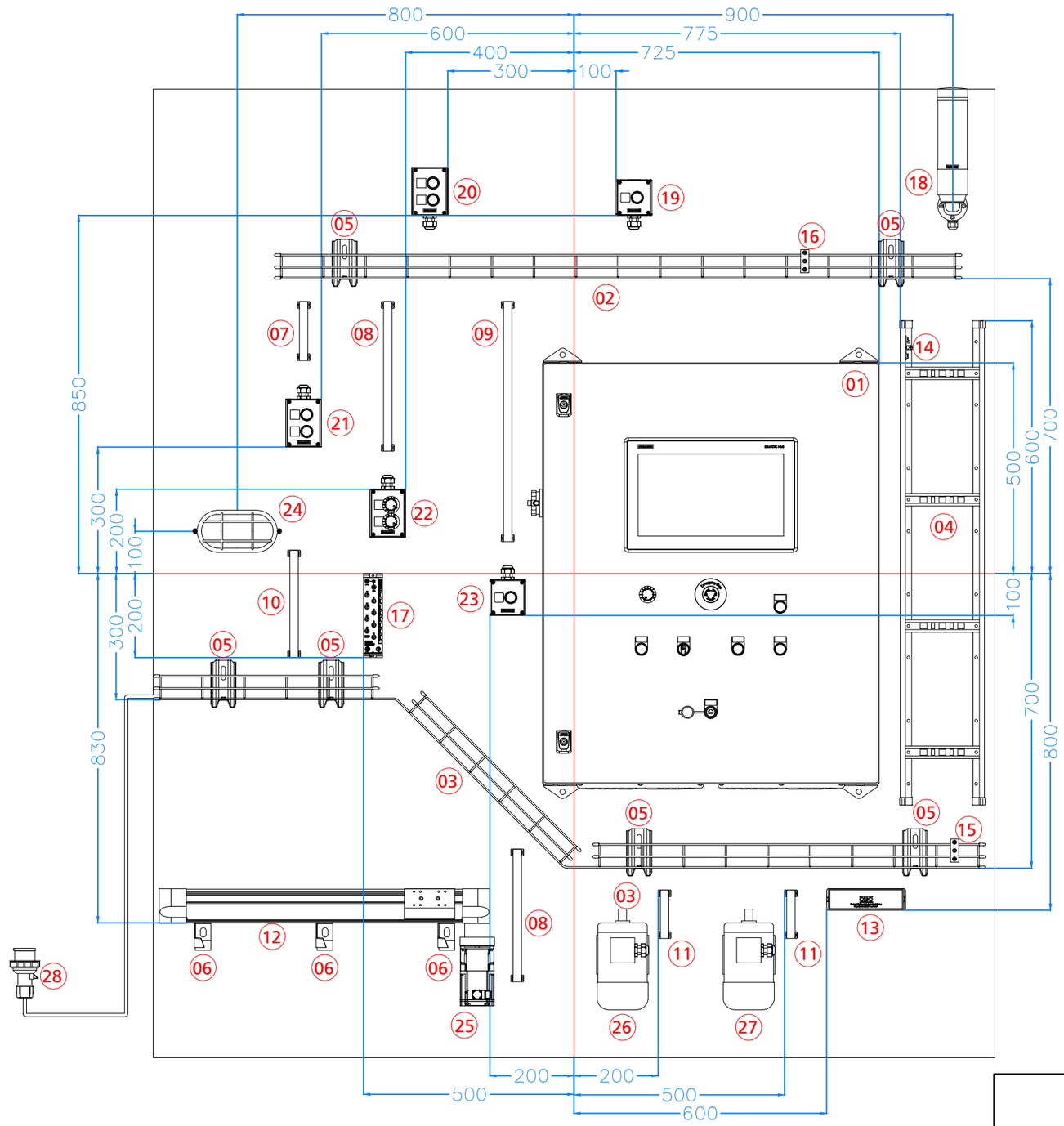
WSC

Competitor Name



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Design by: Rodolfo Neves, SCM				
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 03 of 30	
File Name: WSC2026_TP19_MA_mainproject_01_en				Rev: V2
Description: Project Overview				Projection:
Extra Info 1			Extra Info 2	



01: Compact enclosure 800x1000x300mm
02: Mesh Cable Tray 150x55x1600mm, U-shaped
03: Mesh Cable Tray 150x55x2100mm, U-shaped
04: Cable Ladder 60x200x1150mm
05: Support for Mesh cable tray - 150x55mm
06: Wall and support bracket - 110x53mm
07: PVC Conduit diam. 20 mm - 140mm
08: PVC Conduit diam. 20 mm - 315mm
09: PVC Conduit diam. 20 mm - 570mm
10: PVC Conduit diam. 20 mm - 255mm
11: PVC Conduit diam. 20 mm - 115mm
12: Toothed belt axis - EGC-80-500
13: (-XPE1) Equipotential busbar PE connection
14: (-XPE2) Earthing terminal 1
15: (-XPE3) Earthing terminal 2
16: (-XPE4) Earthing terminal 3
17: (-A24) ET200eco PN
18: (-A23) Signaling Column 9 segments
19: (-XV201) Enclosure 1 control point
20: (-XV202, -XV203) Enclosure 2 control point
21: (-XV204, -XV205) Enclosure 2 control point
22: (-TT301, -TT302) Enclosure 2 control point
23: (-XV206) Enclosure 1 control point
24: (-HTR104) Wall Lamp - Heater
25: (-MTR103) Servo Motor - Conveyor
26: (-MTR102) Induction Motor - Cleaning
27: (-MTR101) Induction Motor - Milling
28: (-X0) Plug 16 A - Power Supply 3x400V+N+PE

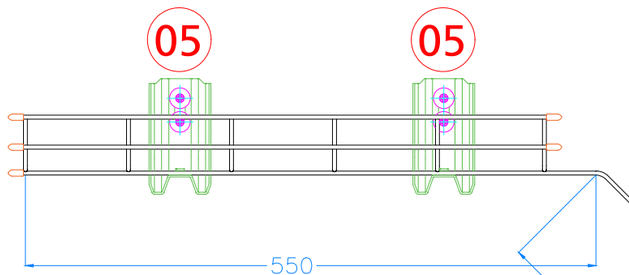
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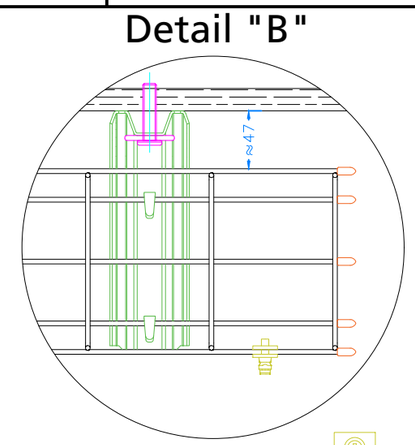
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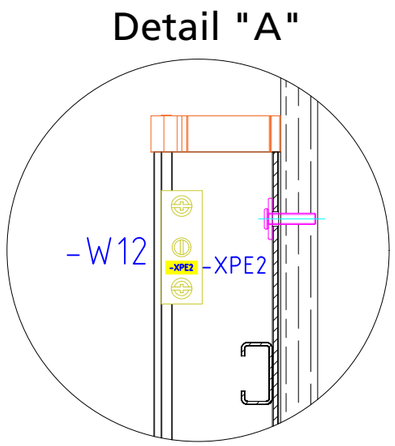
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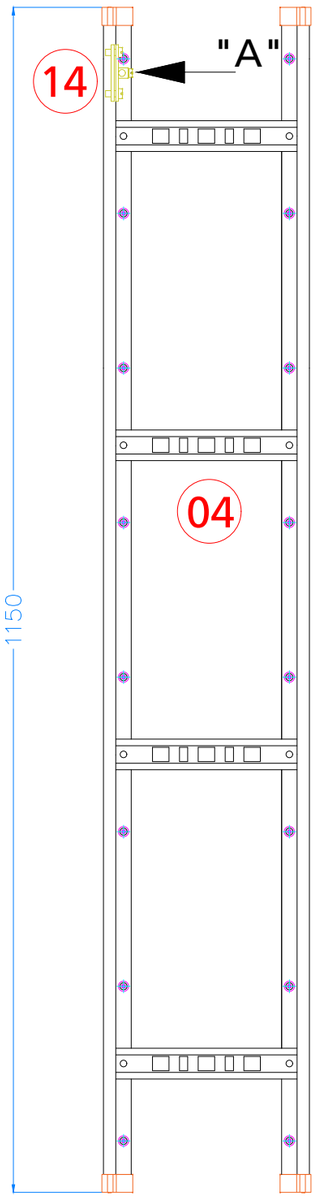
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Design by: Rodolfo Neves, SCM				
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Description: Project Layout with Measurements				Projection:
Extra Info 1		Extra Info 2		

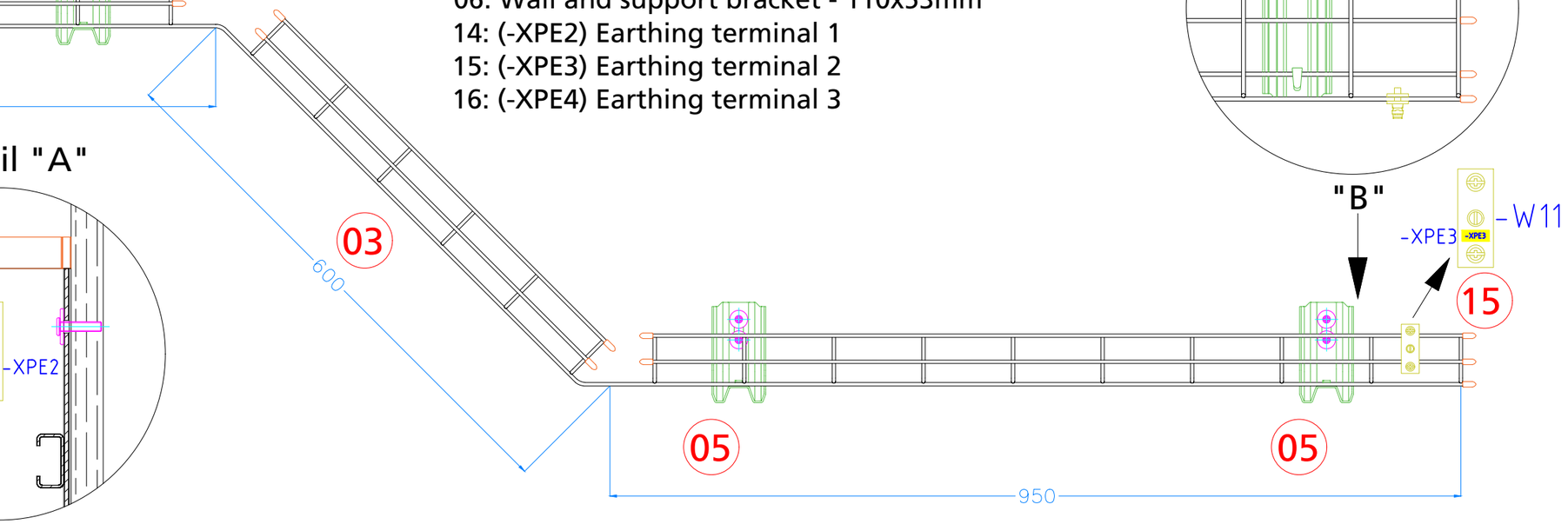
02: Mesh Cable Tray 150x55x1600mm, U-shaped
03: Mesh Cable Tray 150x55x2100mm, U-shaped
04: Cable Ladder 60x200x1150mm
05: Support for Mesh cable tray - 150x55mm
06: Wall and support bracket - 110x53mm
14: (-XPE2) Earthing terminal 1
15: (-XPE3) Earthing terminal 2
16: (-XPE4) Earthing terminal 3

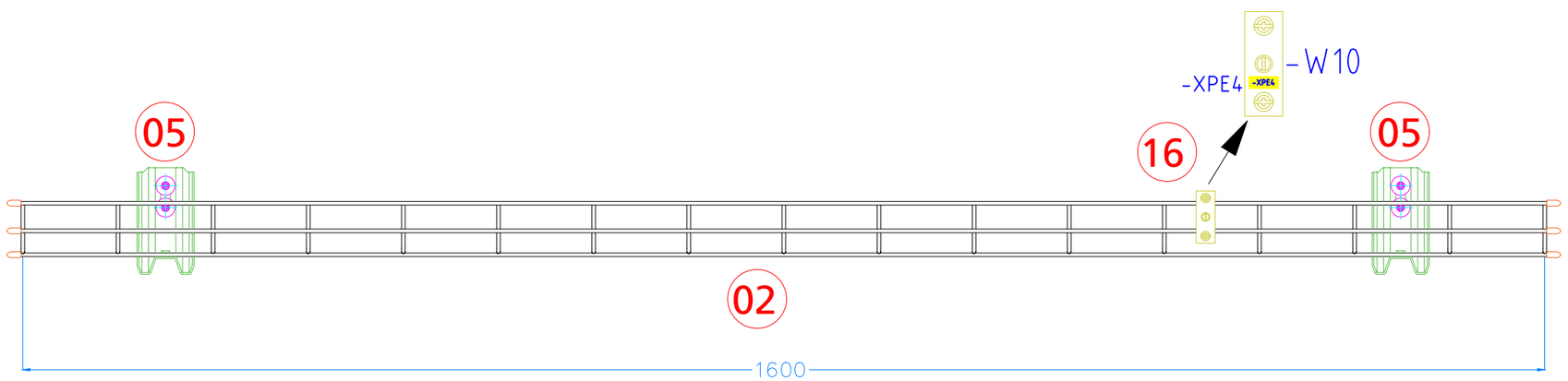






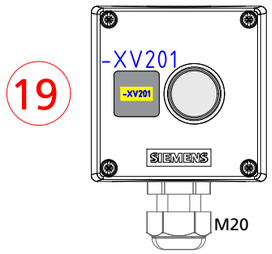






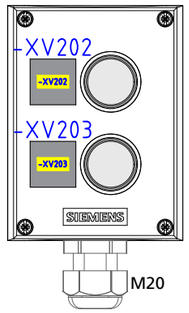
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Design by: Rodolfo Neves, SCM				
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 05 of 30	
File Name: WSC2026_TP19_MA_mainproject_01_en				Rev: V2
Description: Mesh Cable Tray and Cable Ladder Details				Projection:
Extra Info 1		Extra Info 2		



19

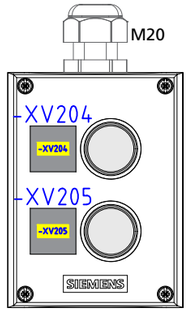
-W13



20

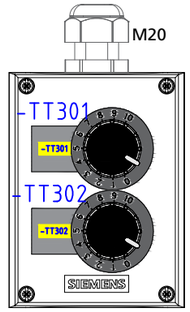
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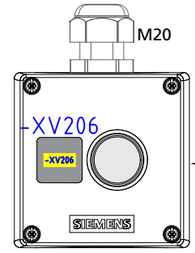
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-W17



22

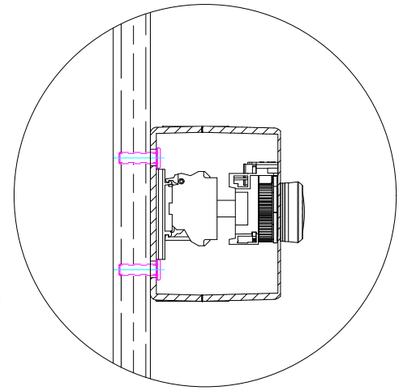
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23

"E"

Detail "E"



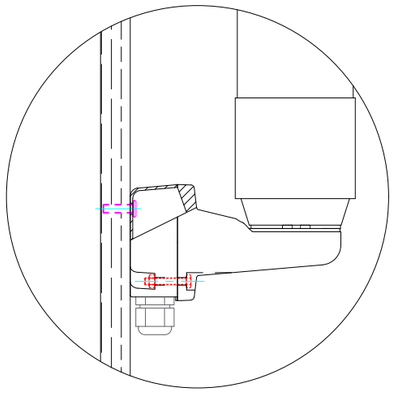


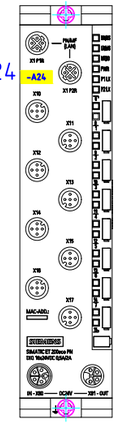
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"C"

-W18

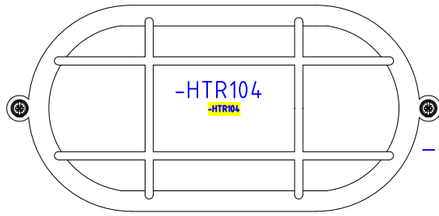
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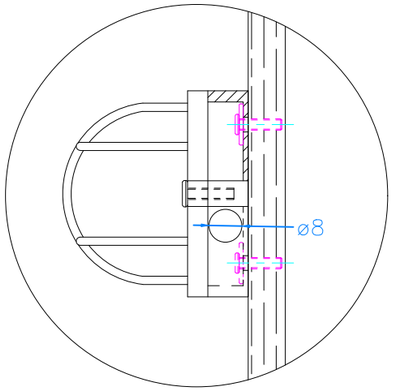
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-W5

"D"

Detail "D"



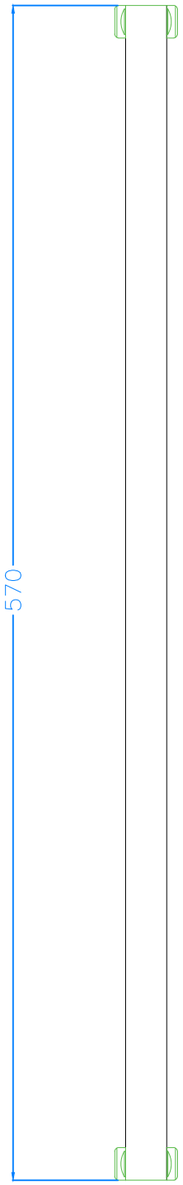
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18: (-A23) Signaling Column 9 segments
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21: (-XV204, -XV205) Enclosure 2 control point
22: (-TT301, -TT302) Enclosure 2 control point
23: (-XV206) Enclosure 1 control point
24: (-HTR104) Wall Lamp - Heater

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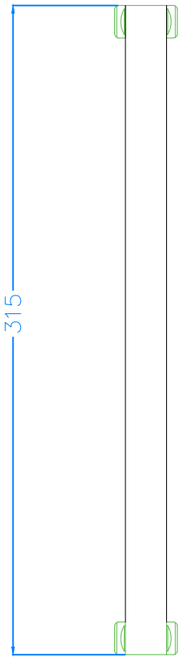
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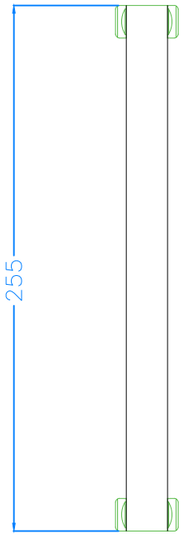
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Extra Info 1		Extra Info 2		



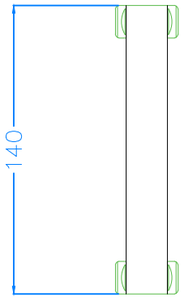
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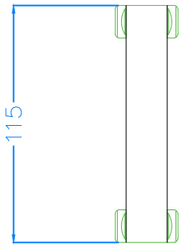
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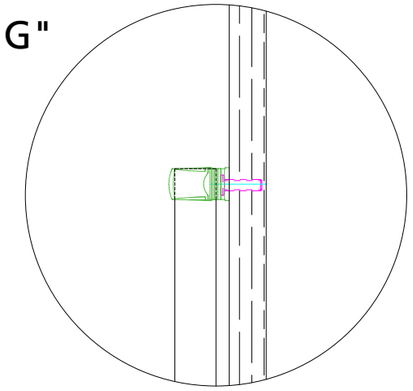
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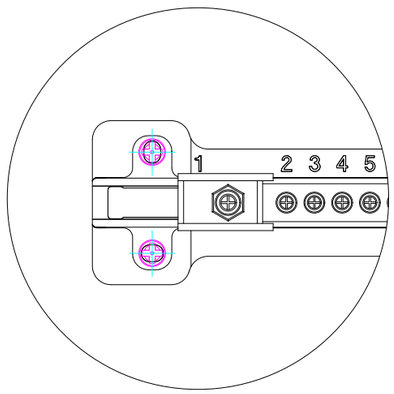
"G"

Detail "G"

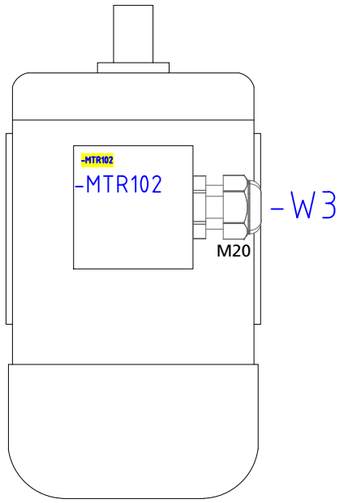


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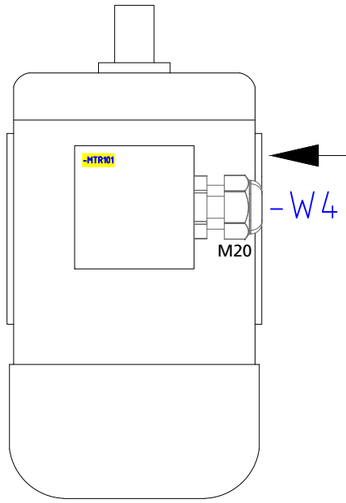
"F"



Detail "F"
Without cover



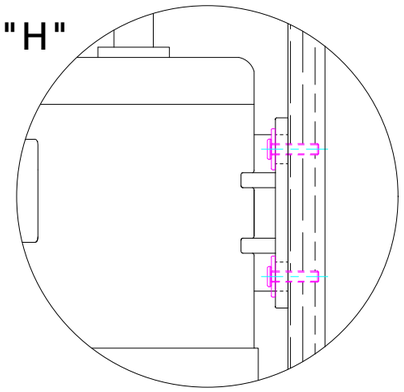
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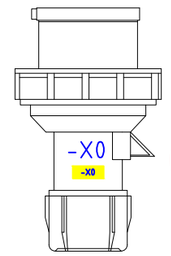


27

"H"

Detail "H"





28

-W1

07: PVC Conduit diam. 20 mm - 140mm
08: PVC Conduit diam. 20 mm - 315mm
09: PVC Conduit diam. 20 mm - 570mm
10: PVC Conduit diam. 20 mm - 255mm
11: PVC Conduit diam. 20 mm - 115mm
13: (-XPE1) Equipotential busbar PE connection
26: (-MTR102) Induction Motor - Mixing/Cleaning
27: (-MTR101) Induction Motor - Milling
28: (-X0) Plug 16 A - Power Supply 3x400V+N+PE

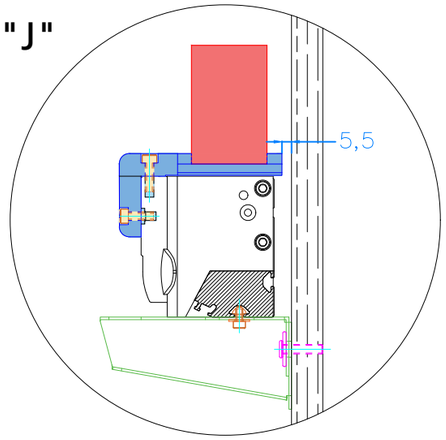
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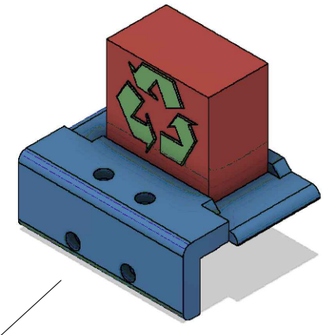
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Design by: Rodolfo Neves, SCM				
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Extra Info 1		Extra Info 2		

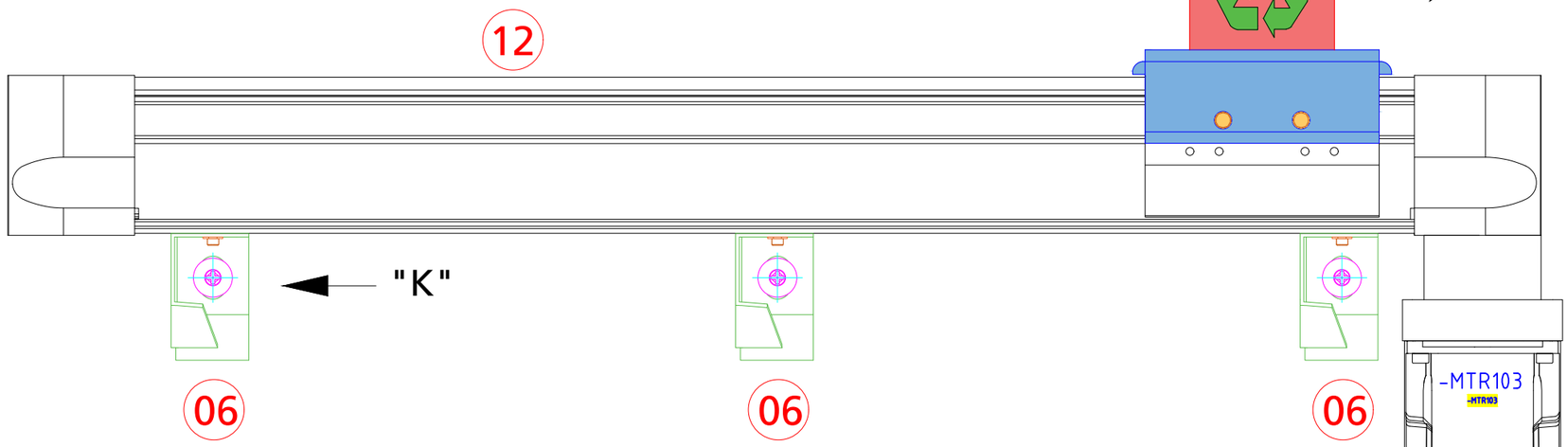
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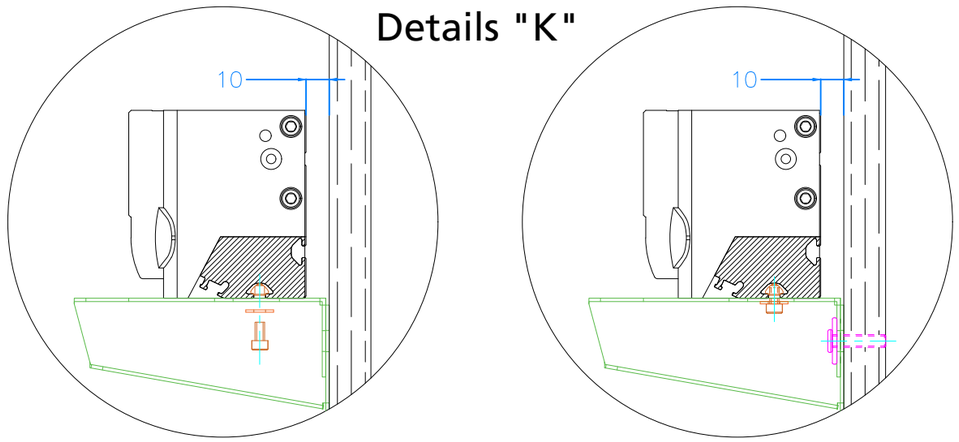
Axis Simulator Assembly



"J"



Details "K"

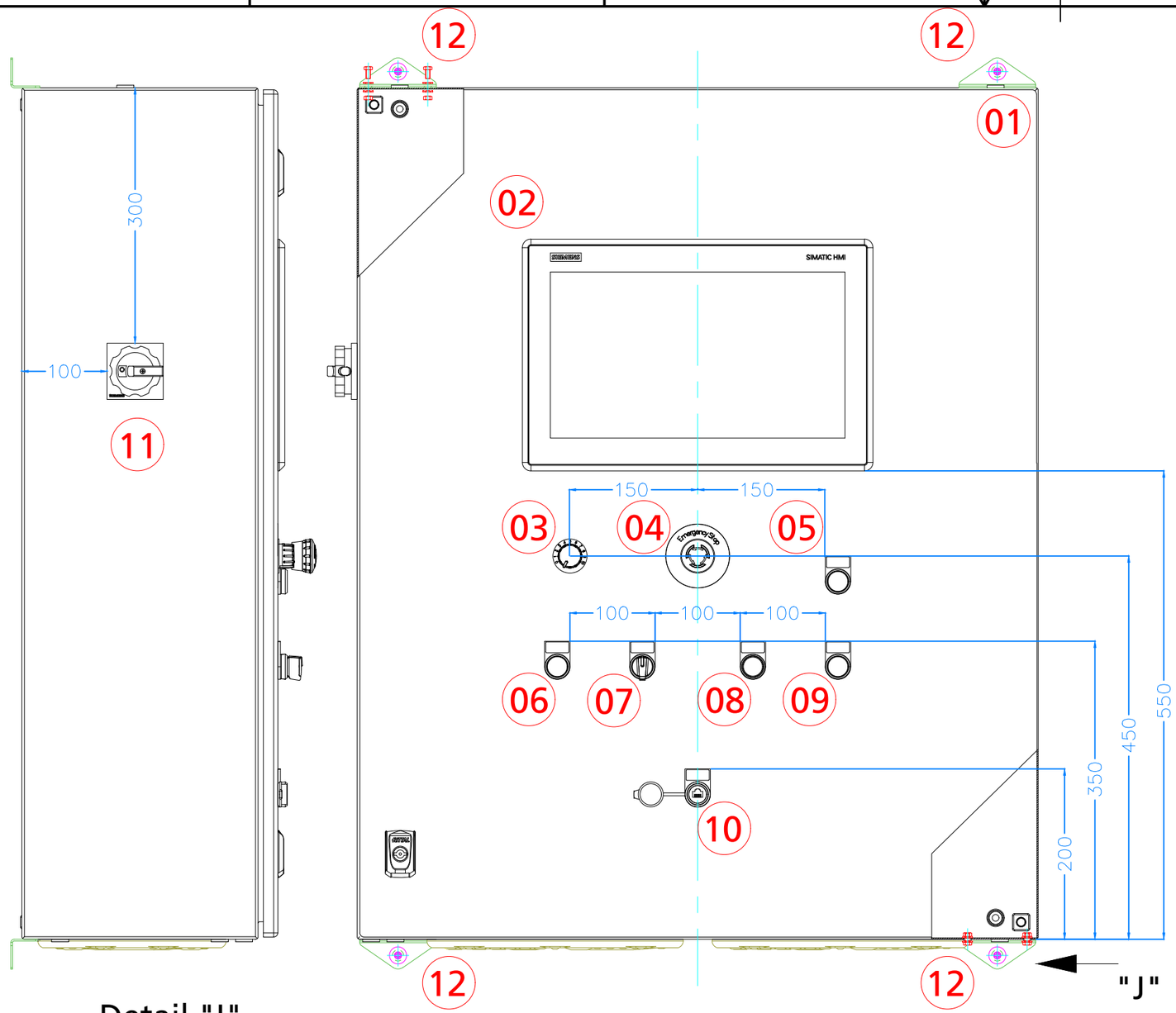


06: Wall and support bracket - 110x53mm
12: Toothed belt axis - EGC-80-500
25: (-MTR103) Servo Motor - Belt Motor

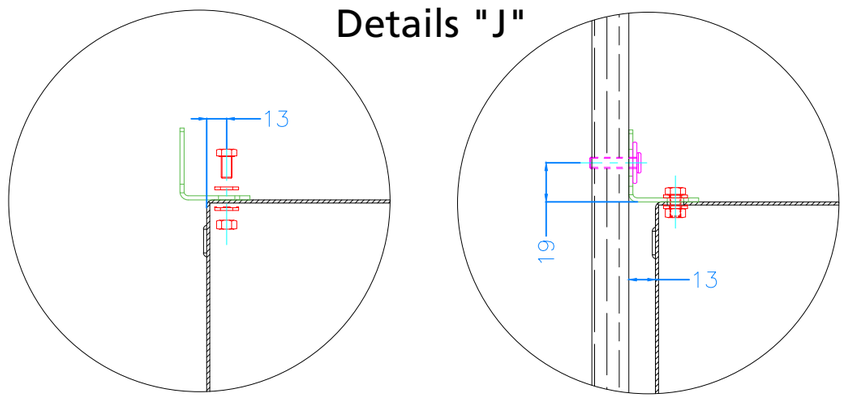
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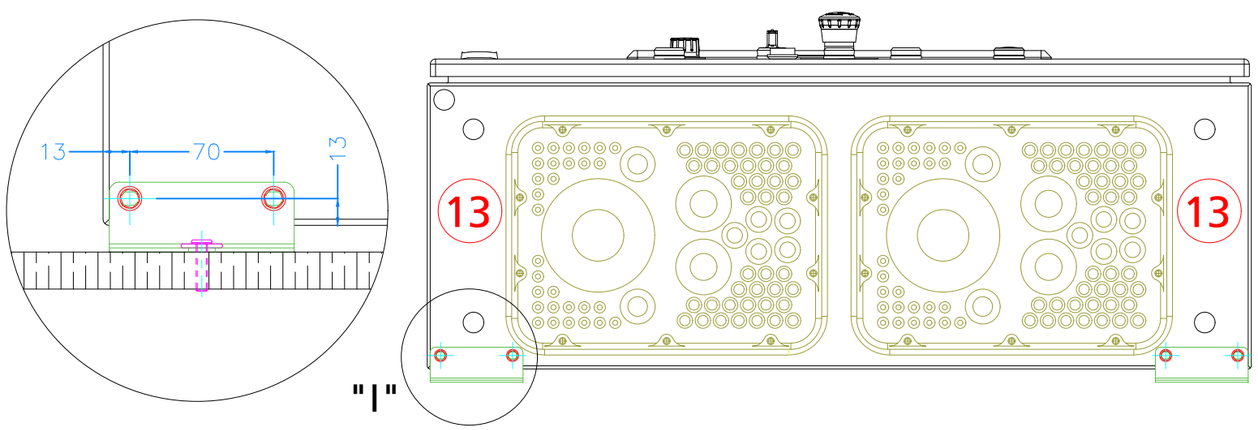
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Design by: Rodolfo Neves, SCM				
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 08 of 30	
File Name: WSC2026_TP19_MA_mainproject_01_en				Rev: V2
Description: Toothed Belt Axis Details				Projection:
Extra Info 1		Extra Info 2		



01: Compact enclosure 800x1000x300mm
02: (-A20) HMI 15.6" widescreen
03: (-WT303) Potentiometer 10K Ohms
04: (-S0, -P0) Emergency Stop
05: (-S1, -P1) Blue Illuminated Pushbutton
06: (-S2, -P2) Green Illuminated Pushbutton
07: (-S3_L, -S3_R) Selector switch, 3 positions I-O-II
08: (-P3) Red Indicator Light
09: (-S4) Blue Pushbutton
10: (-A25) RJ45 Connection
11: (-Q1) Main Switch disconnector
12: Wall 90 angle for Compact enclosures
13: Plastic cable gland plates with membranes

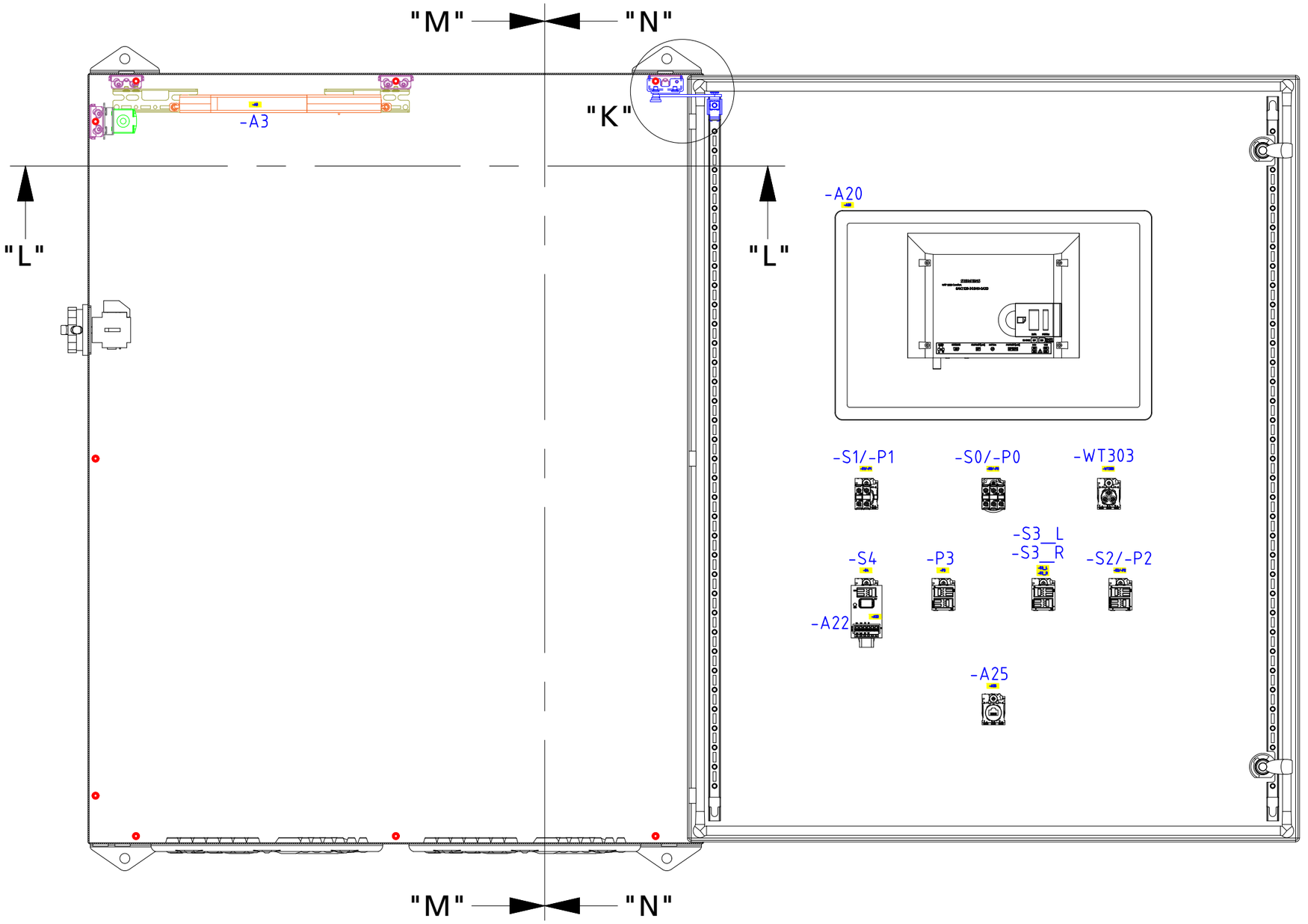


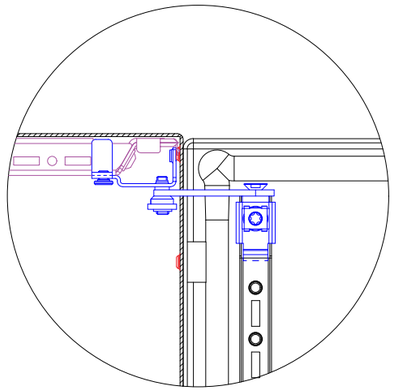


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Skill: Skill 19 Industrial Control			
Design by: Rodolfo Neves, SCM			
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 09 of 30
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Extra Info 1		Extra Info 2	



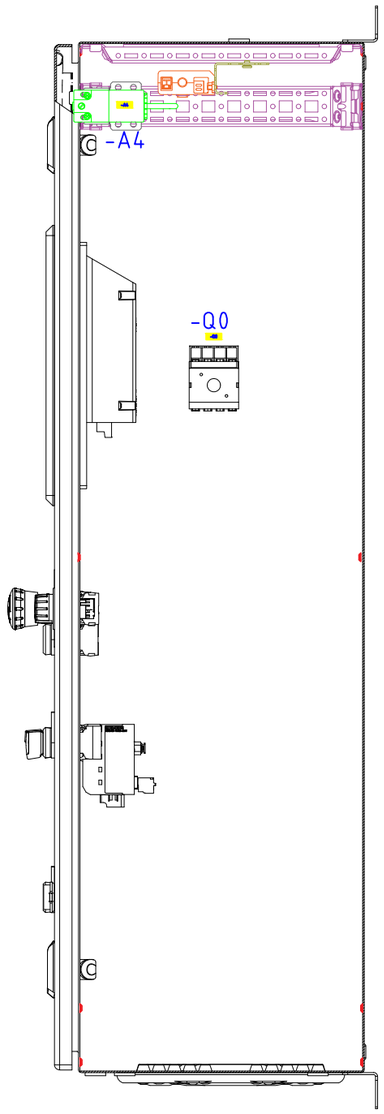


Detail "K"
Door opened
at 90°

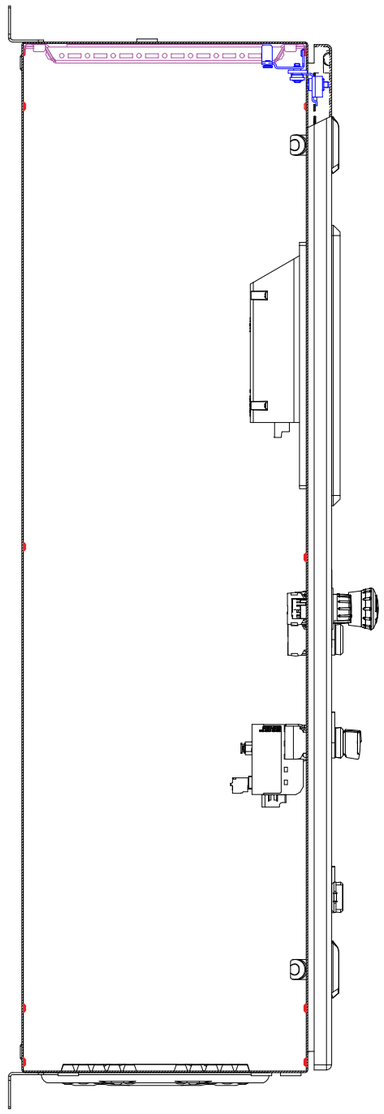
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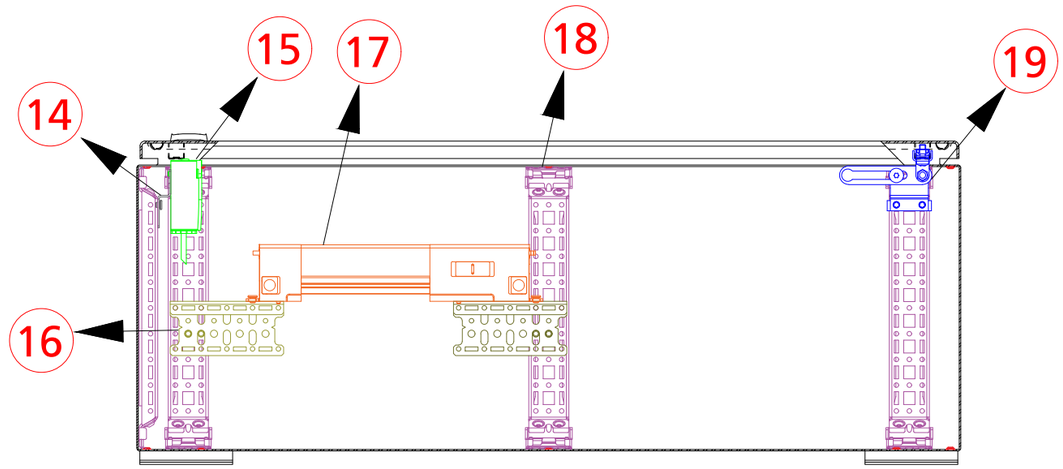
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Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 10 of 30	
File Name: WSC2026_TP19_MA_mainproject_01_en				Rev: V2
Description: Compact Enclosure Accessories Installation – Part 1				Projection:
Extra Info 1		Extra Info 2		



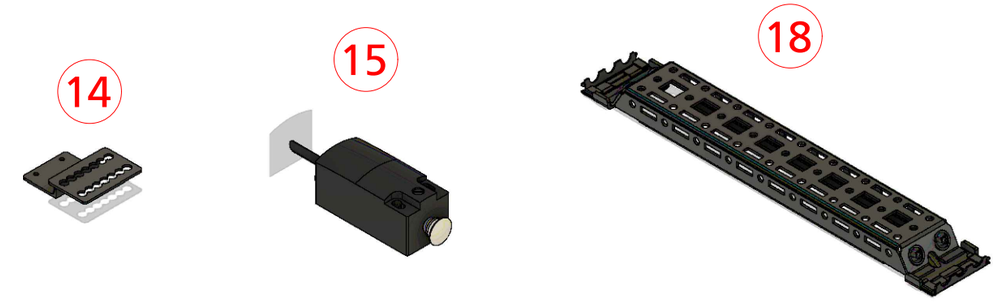
Detail "NN"



Detail "MM"



Detail "LL"





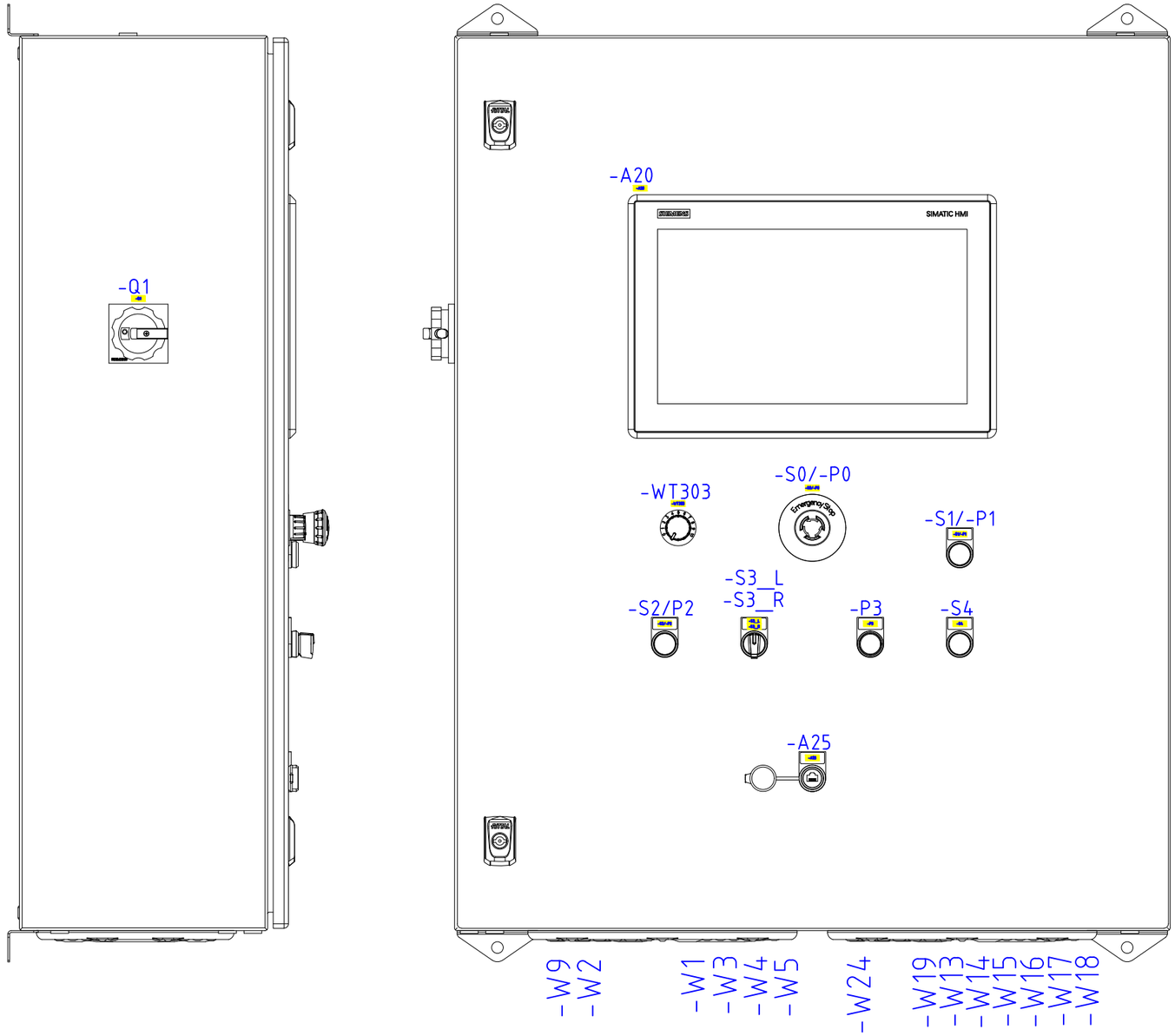
14: Mounting bracket, for interior installation in door-operated switch
15: (-A4) Door-operated switch
16: Mounting bracket, for interior installation in compact enclosures
17: (-A3) LED system light for compact enclosures
18: Rail for interior installation in compact enclosure
19: Door hold-open stay

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Skill: Skill 19 Industrial Control				
Design by: Rodolfo Neves, SCM				
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 11 of 30	
File Name: WSC2026_TP19_MA_mainproject_01_en				Rev: V2
Description: Compact Enclosure Accessories Installation – Part 2				Projection:
Extra Info 1		Extra Info 2		

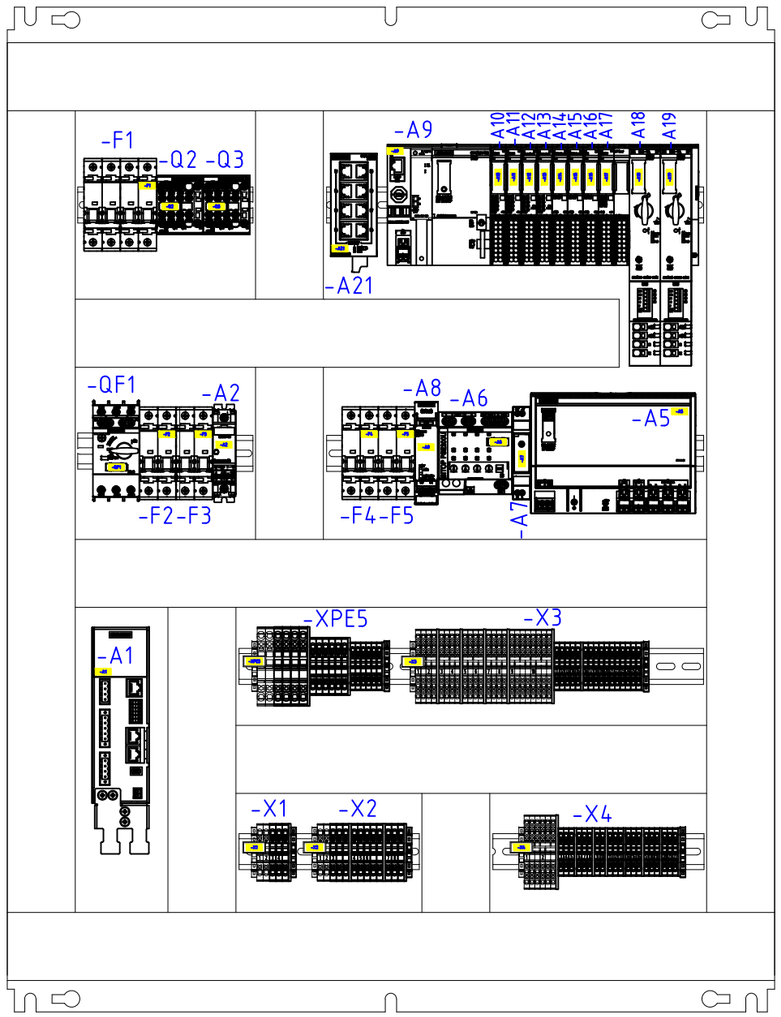


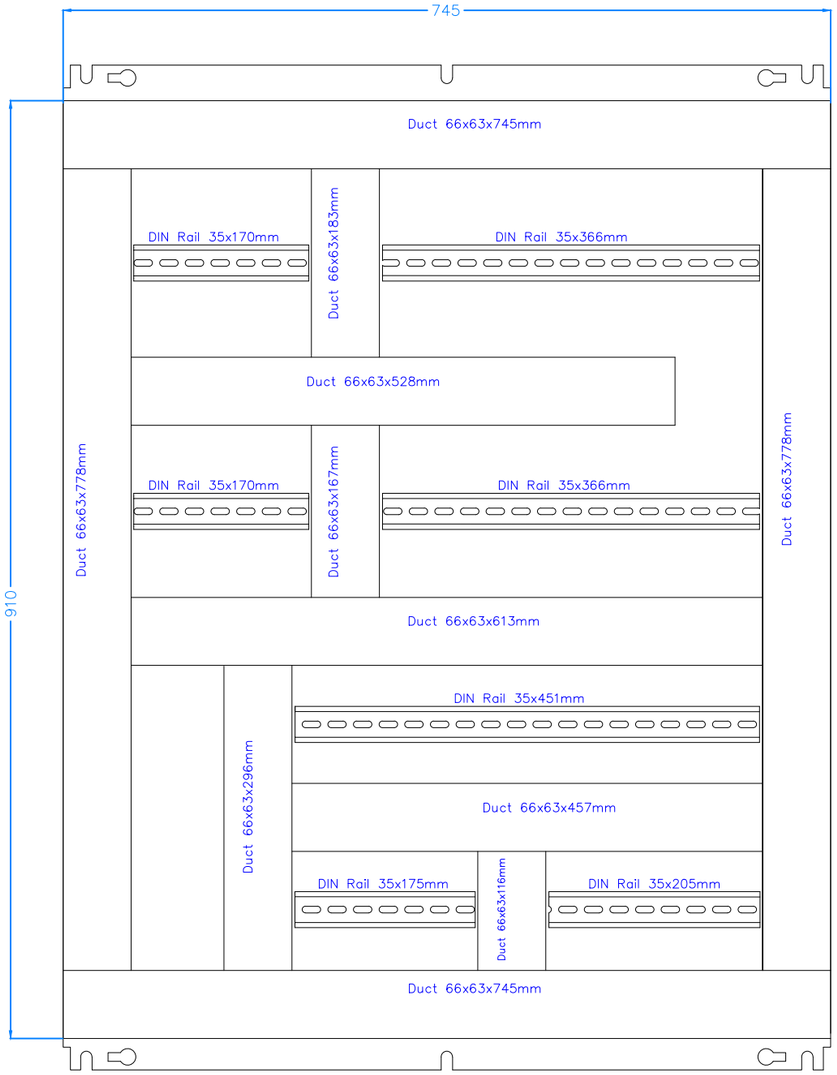
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Skill: Skill 19 Industrial Control				
Design by: Rodolfo Neves, SCM				
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 12 of 30	
File Name: WSC2026_TP19_MA_mainproject_01_en				Rev: V2
Description: Compact Enclosure Cables and Labels				Projection:
Extra Info 1		Extra Info 2		



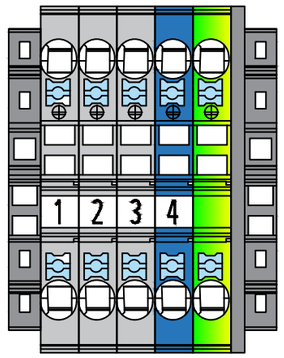


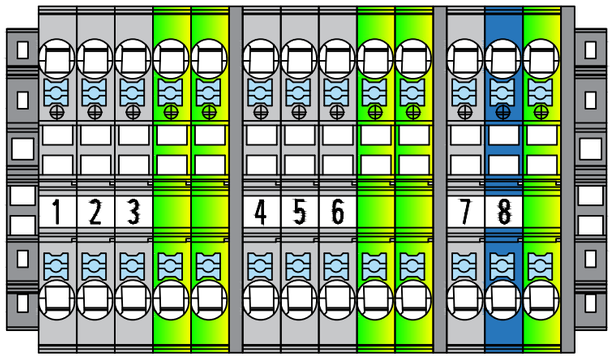
Note: Deviation of ±1 mm may be allowed.

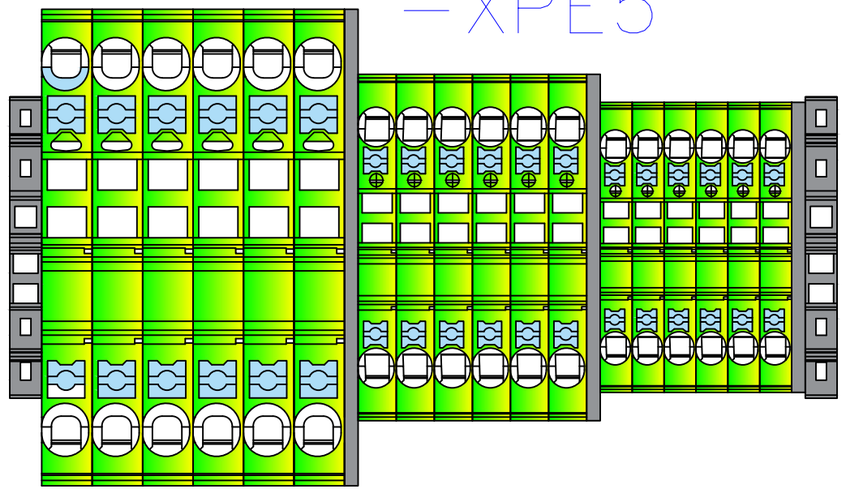
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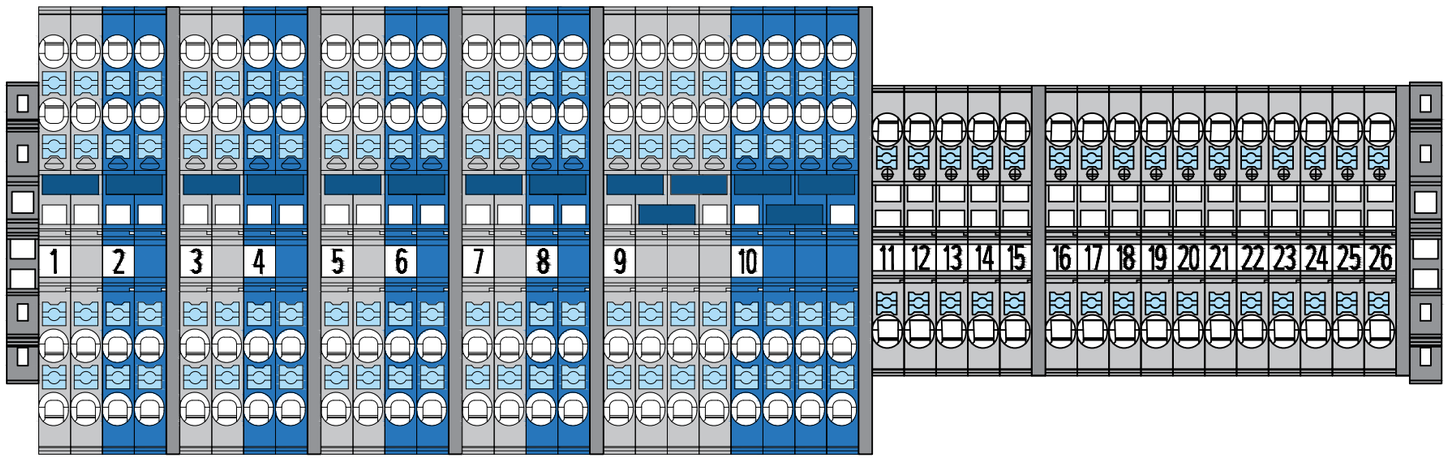
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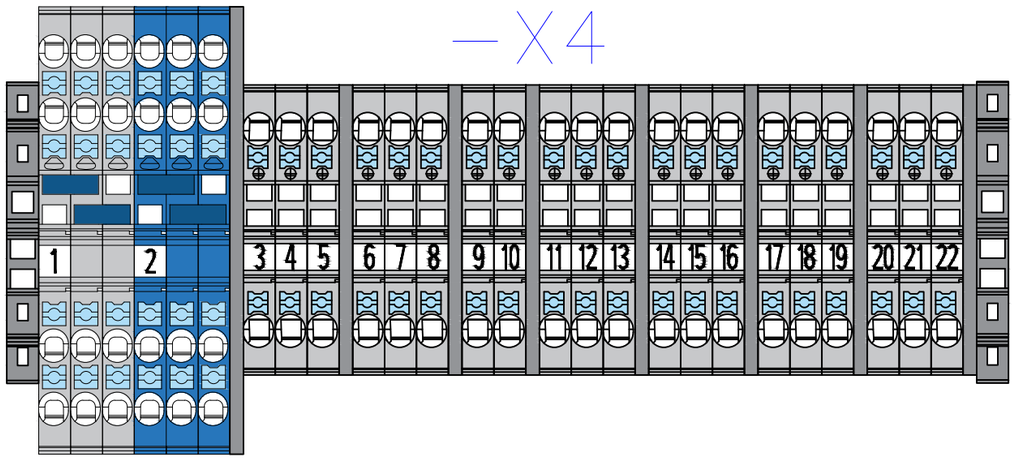
Skill: Skill 19 Industrial Control				
Design by: Rodolfo Neves, SCM				
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 13 of 30	
File Name: WSC2026_TP19_MA_mainproject_01_en				Rev: V2
Description: Compact Enclosure Mounting Plate Details				Projection:
Extra Info 1		Extra Info 2		







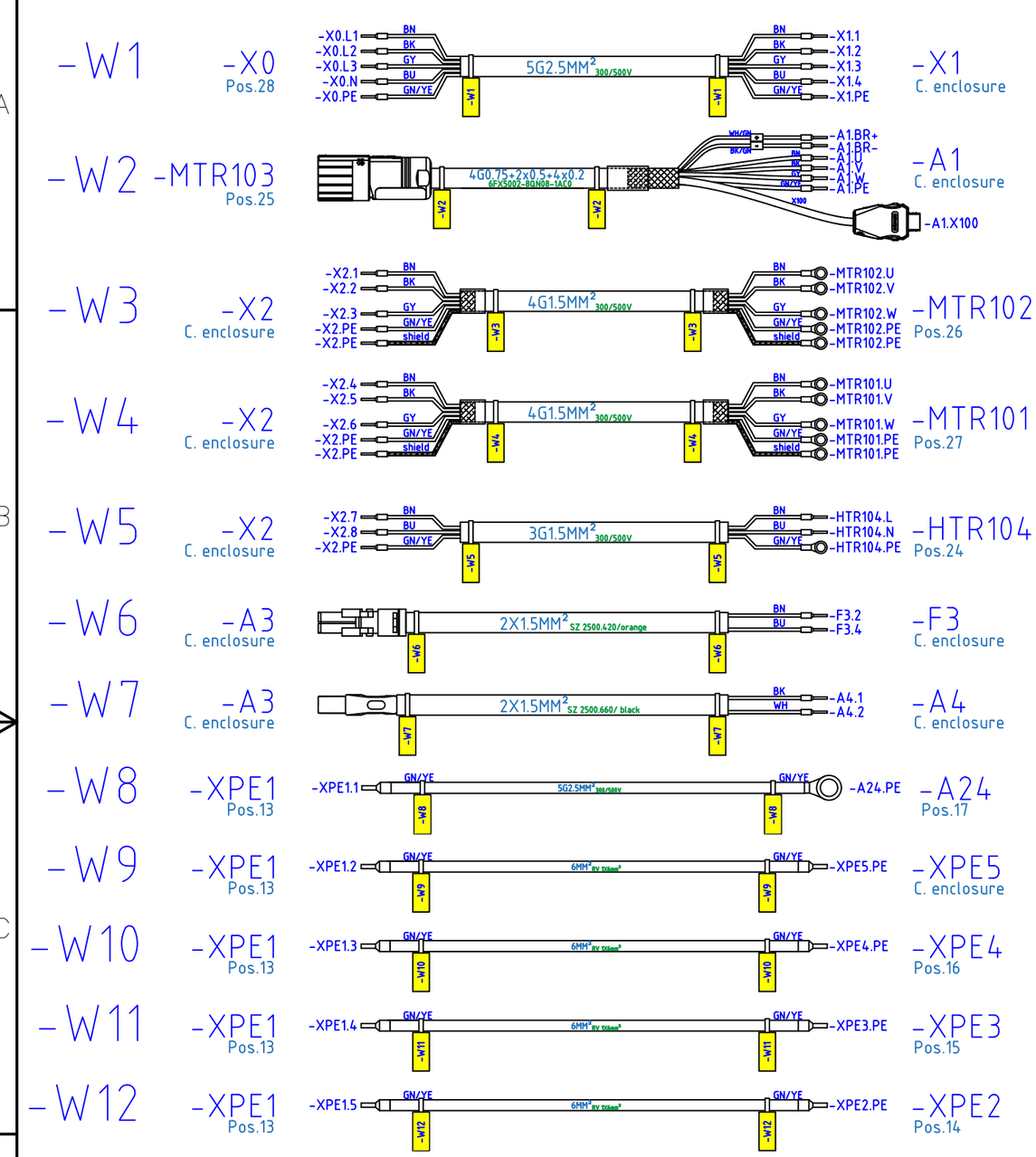




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Skill: Skill 19 Industrial Control			
Design by: Rodolfo Neves, SCM			
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 14 of 30
File Name: WSC2026_TP19_MA_mainproject_01_en			Rev: V2
Description: Compact Enclosure Terminal Connection Layout			Projection:
Extra Info 1		Extra Info 2	



Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control

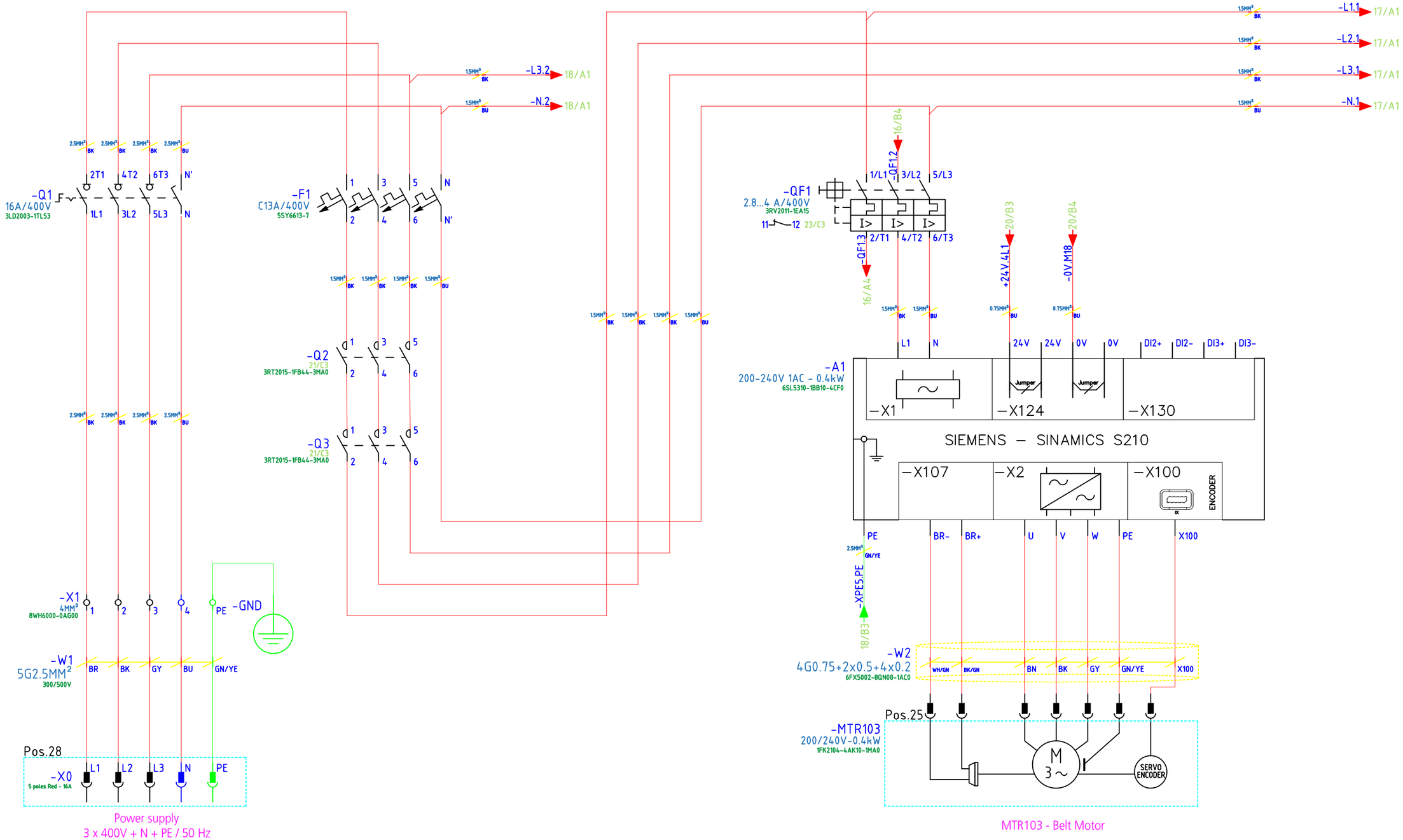
Design by: Rodolfo Neves, SCM

Last Update:	Scale:	Paper:	Page:
25.07.2026	N/A	A3	15 of 30

File Name: WSC2026_TP19_MA_mainproject_01_en — Rev: V2

Description: Cable Management — Projection:

Extra Info 1 | Extra Info 2



Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

SIEMENS

Servo Motor Cable

A	BK	BR1+	1	BN	U
B	WH	BR2-	2	BK	V
C	YE	RX/TX-	3	GY	W
D	GN	RX/TX+	⏚	GN/YE	PE
E	BU	TX/RX-			
F	PK	TX/RX+			

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Last Update: 25.07.2026 | Scale: N/A | Paper: A3 | Page: 16 of 30

File Name: WSC2026_TP19_MA_mainproject_01_en | Rev: V2

Description: 3x400 V Power Supply and Servo Motor Connections | Projection:

Extra Info 1 | Extra Info 2

16/A6 -L1.1 1.5MM² BK
16/A6 -L2.1 1.5MM² BK
16/A6 -L3.1 1.5MM² BK
16/A6 -N.1 1.5MM² BU

-A18
0.3-1A/400V-0.25kW
3RK1308-0AB00-0CP0
L1 L2 L3 PE 24V M 24V M LC D1 D2
-XPE5.PE 18/C4 1.5MM² GN/YE
+24V.4L2 20/B3 0.75MM² BU
-0V.M19 20/B4 0.75MM² BU
3DI/LC
3RK1908-1AA00-0BP0
ST/OL
MAN
PWR
SIEMENS
ET 200SP – D-O-L starter
T1 T2 T3 PE
1.5MM² BK 1.5MM² BK 1.5MM² BK 1.5MM² GN/YE

-A19
0.3-1A/400V-0.25kW
3RK1308-0AB00-0CP0
L1 L2 L3 PE 24V M 24V M LC D1 D2
-XPE5.PE 18/C4 1.5MM² GN/YE
+24V.4L3 20/B3 0.75MM² BU
-0V.M20 20/B4 0.75MM² BU
3DI/LC
3RK1908-1AA00-0BP0
ST/OL
MAN
PWR
SIEMENS
ET 200SP – D-O-L starter
T1 T2 T3 PE
1.5MM² BK 1.5MM² BK 1.5MM² BK 1.5MM² GN/YE

-F2
B6A/230V
5SY6506-6
1 3 2 4
RV TX6mm² 6MM² GN/YE
RV TX6mm² 6MM² GN/YE
-HTR104_pwm
-X1.8 17/B5
-XPE5.PE 18/C3 2.5MM² GN/YE
+24V.4L4 20/B3 0.75MM² BU
-0V.M21 20/B4 0.75MM² BU
-A16.Q0+ 27/B5 0.75MM² BU
-A16.Q0- 27/B6 0.75MM² BU

-A2
20A 48-460V/24VDC
3RF3320-1DA04
1L A1 A2 10V 0V PE
3RF3900-0EA18
2T
-F2.4 17/B5
1.5MM² BK 1.5MM² BU

-X2
4MM²
8WH6000-0AG00
1 2 3 PE PE -GND
-W3
LiYCY 4G1.5MM²
H05VVP-F
BN BK GY GN/YE
Pos.26
-MTR102
400V-0.18kW
DRN63M4/FI
U1 V1 W1 PE
M 3~
MTR102 - Mixing/Cleaning Motor

-X2
4MM²
8WH6000-0AG00
4 5 6 PE PE -GND
-W4
LiYCY 4G1.5MM²
H05VVP-F
BN BK GY GN/YE
Pos.27
-MTR101
400V-0.18kW
DRN63M4/FI
U1 V1 W1 PE
M 3~
MTR101 - Milling Motor

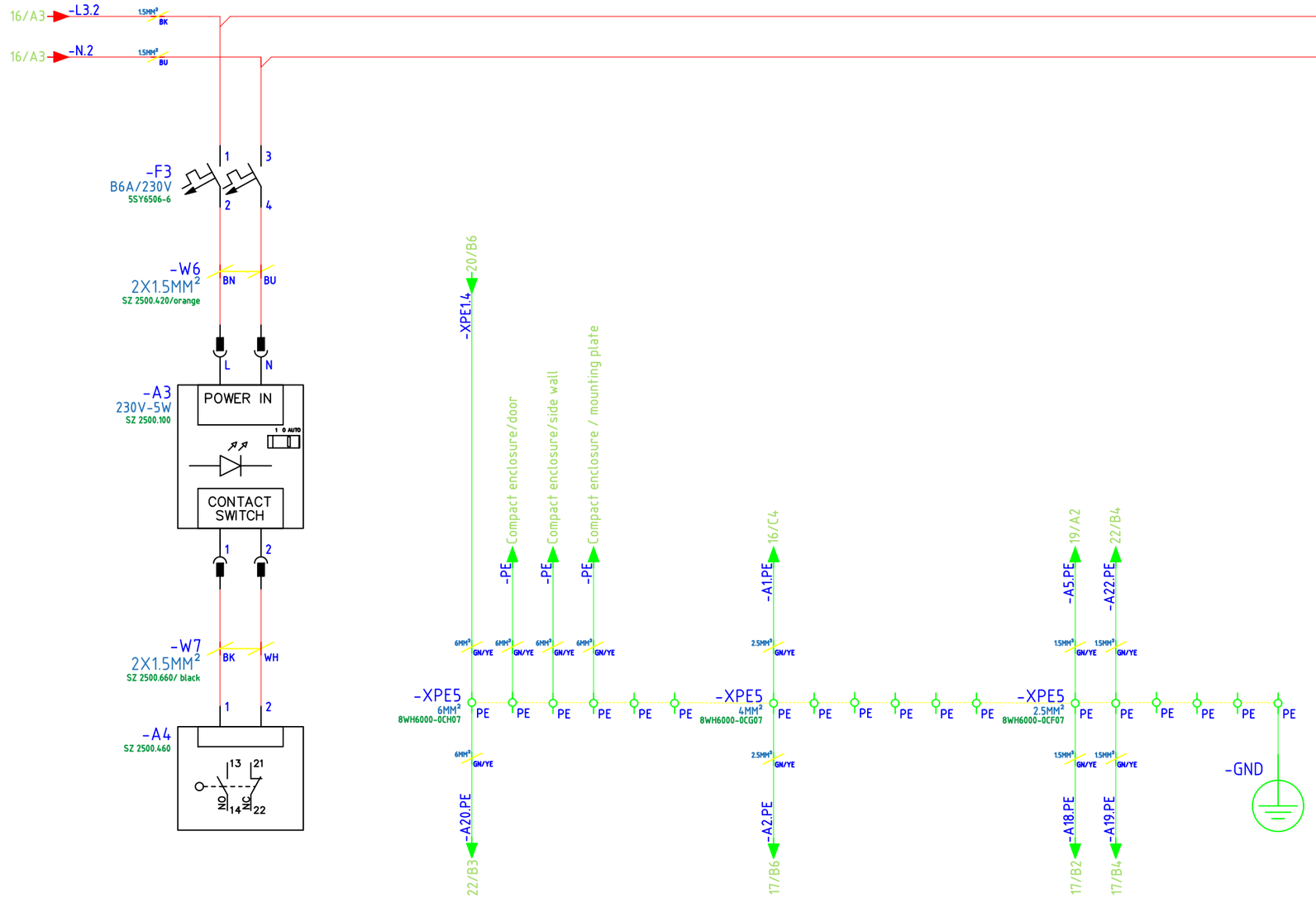
-X2
4MM²
8WH6000-0AG00
7 8 PE PE -GND
-W5
3G1.5MM²
H05VV-F
BN BU GN/YE
Pos.24
-HTR104
240V-60W
Wall Lamp E27
L N PE
HTR104 - Heater Extruder Melting

Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control			
Design by: Rodolfo Neves, SCM			
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 17 of 30
File Name: WSC2026_TP19_MA_mainproject_01_en			Rev: V2
Description: 3 x 400 V Power Supply, Motor Connections and Heater Control			Projection:
Extra Info 1		Extra Info 2	



Door Lighting System

XPE5 - Compact Enclosure Protective Earth (PE)

XPE1 - Equipotential Busbar Protective Earth (PE)

Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

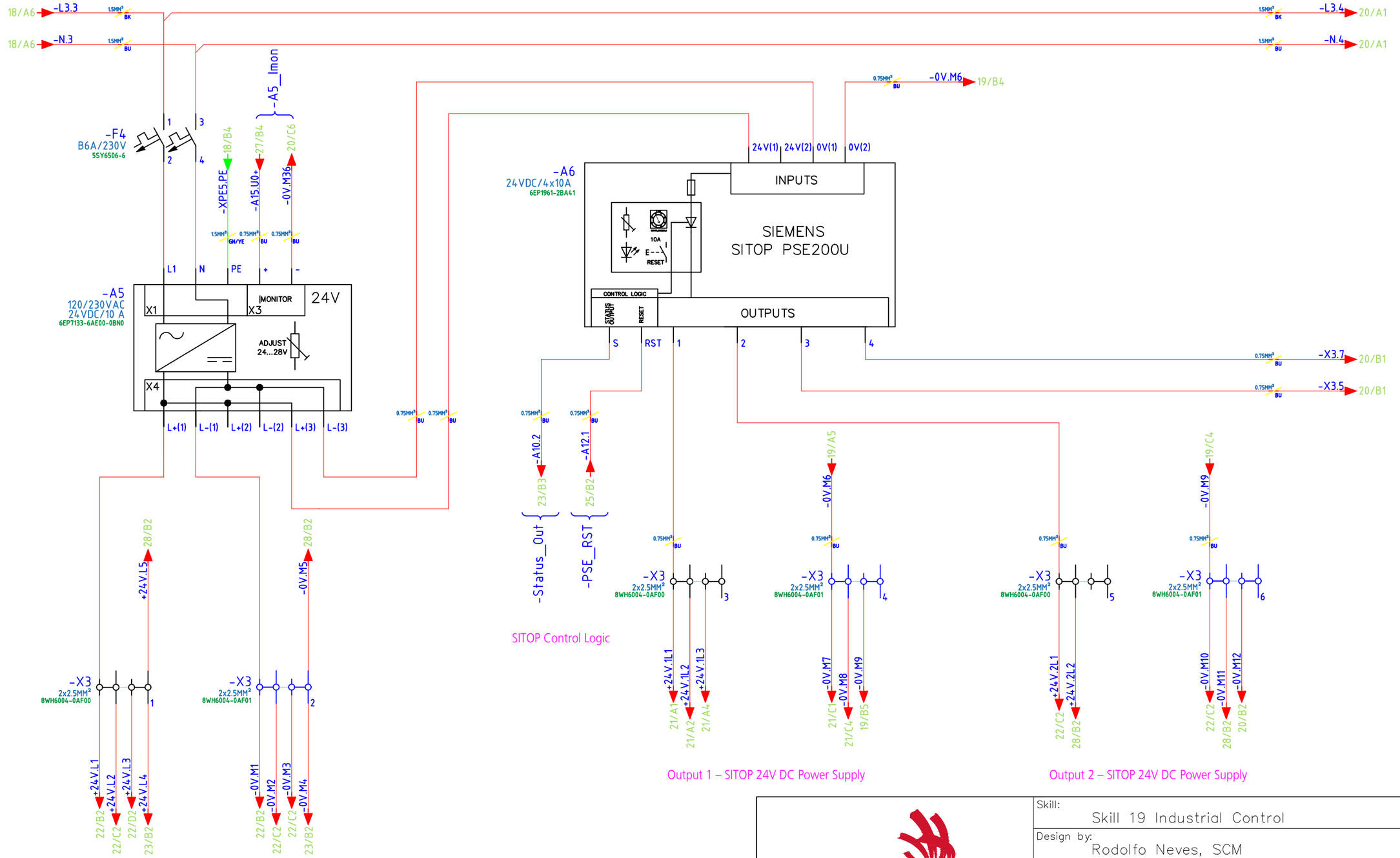
RITTAL	Door-Operated Switch		
1 2	1	BK	Limit Switch
	2	WH	Limit Switch
RITTAL	Power supply		
L N	L	BN	Phase
	N	BU	Neutral

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Skill: Skill 19 Industrial Control			
Design by: Rodolfo Neves, SCM			
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 18 of 30
File Name: WSC2026_TP19_MA_mainproject_01_en			Rev: V2
Description: Door Lighting System and Protective Earth System			Projection:
Extra Info 1		Extra Info 2	

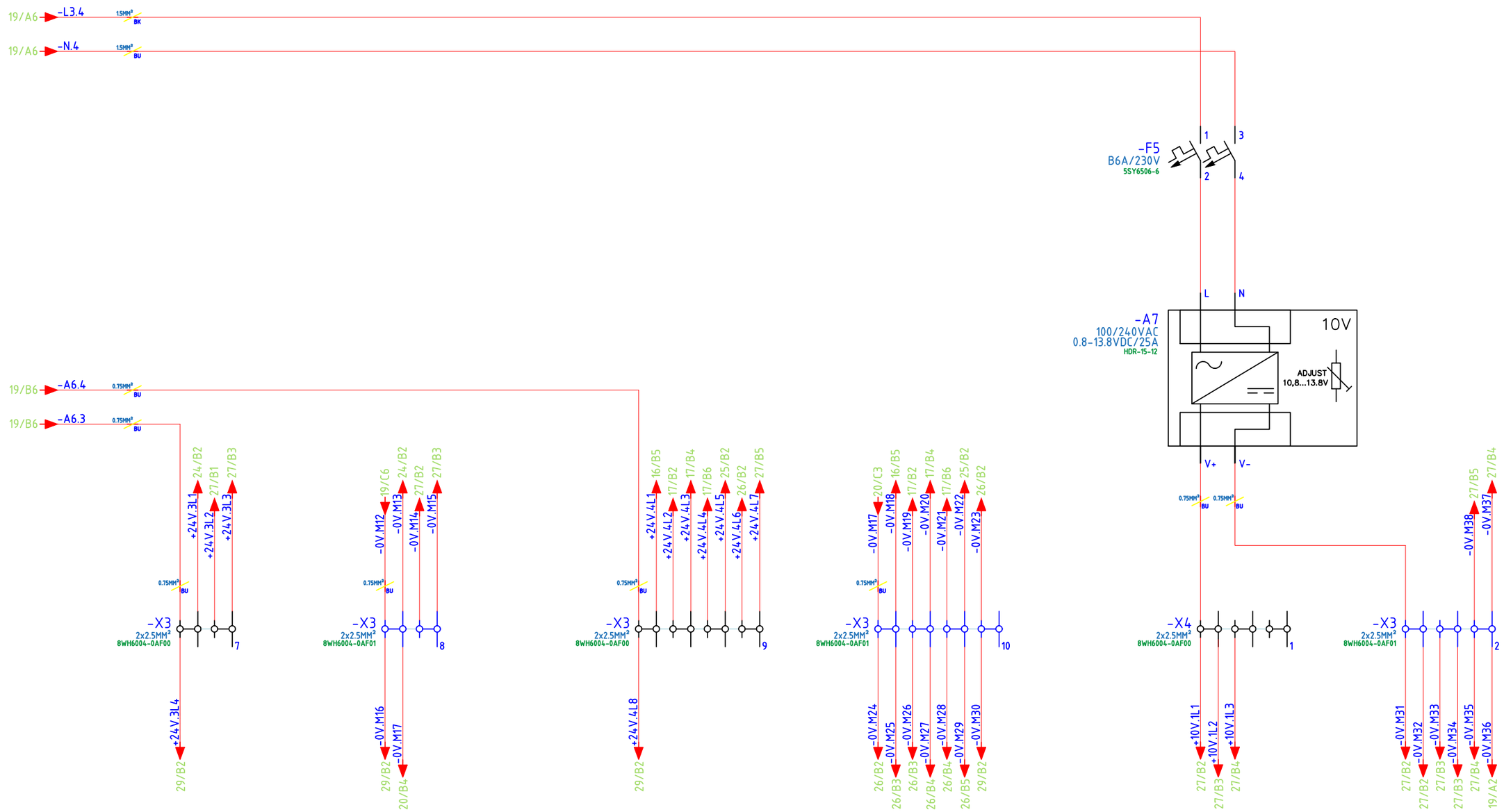


Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control			
Design by: Rodolfo Neves, SCM			
Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 19 of 30
File Name: WSC2026_TP19_MA_mainproject_01_en			Rev: V2
Description: 24V DC Power Supply and 24V DC Selectivity Outputs			Projection:
Extra Info 1		Extra Info 2	



Output 3 – SITOP 24V DC Power Supply

Output 4 – SITOP 24V DC Power Supply

10V DC Power Supply

Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control

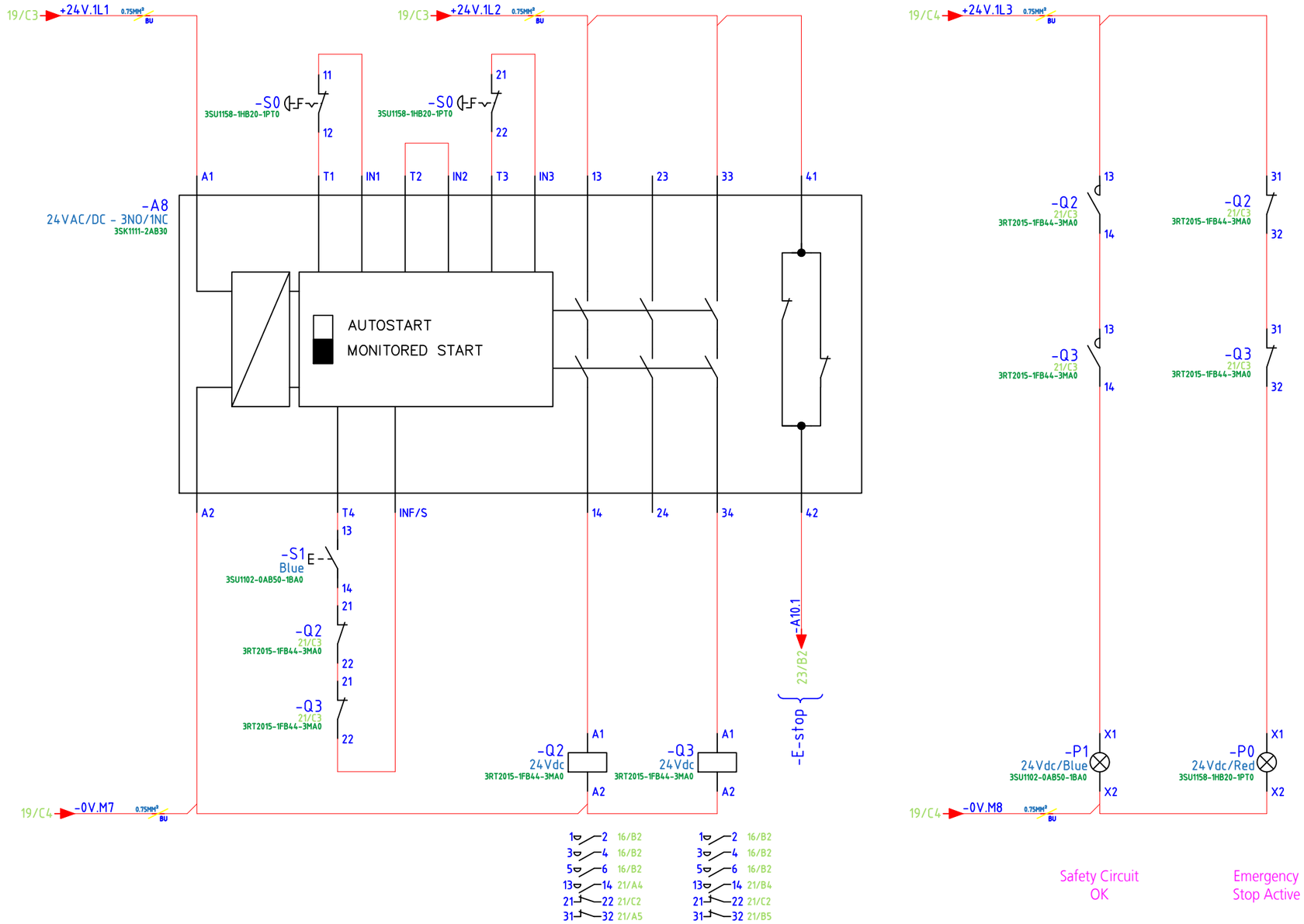
Design by: Rodolfo Neves, SCM

Last Update:	Scale:	Paper:	Page:
25.07.2026	N/A	A3	20 of 30

File Name: WSC2026_TP19_MA_mainproject_01_en — Rev: V2

Description: 24V DC Selectivity Outputs and 10V DC Power Supply — Projection:

Extra Info 1 | Extra Info 2



Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control

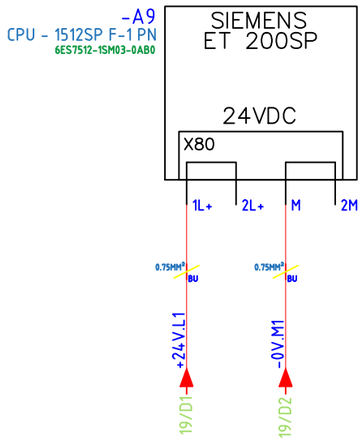
Design by: Rodolfo Neves, SCM

Last Update:	Scale:	Paper:	Page:
25.07.2026	N/A	A3	21 of 30

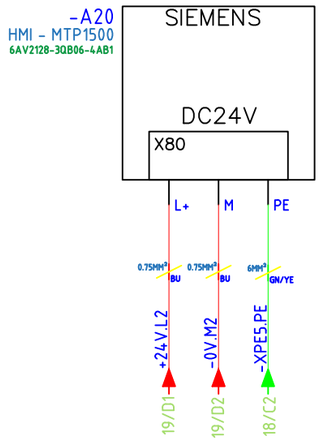
File Name: WSC2026_TP19_MA_mainproject_01_en — Rev: V2

Description: Emergency Stop Safety Relay — Projection:

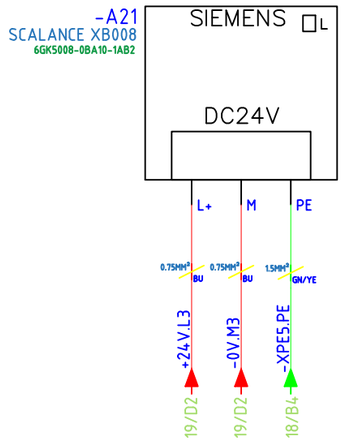
Extra Info 1 | Extra Info 2



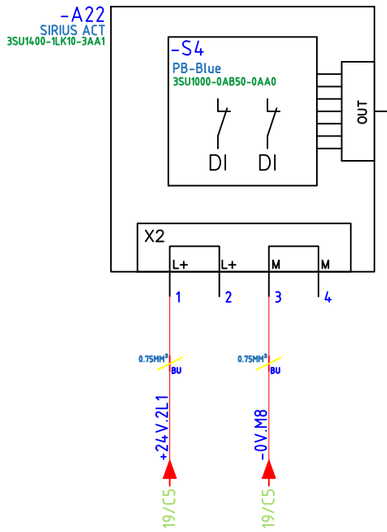
CPU 24V DC Power Supply



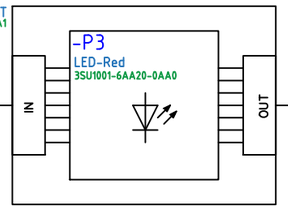
HMI 24V DC Power Supply



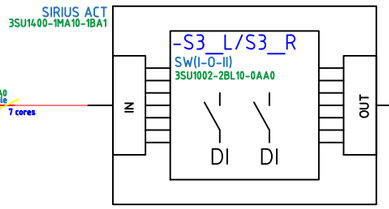
PROFINET Swicth
24V DC Power Supply



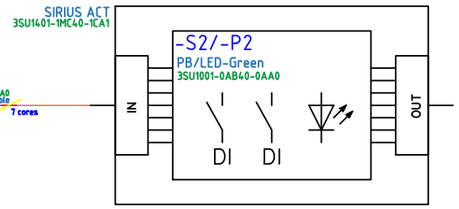
Command Signal 24V Power Supply
S4 - Blue Push Button



P3 - Red Light



S3 - Three-Position Selector Switch
(Left–OFF–Right)



S2/P2 - Green Illuminated Push Button

Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control

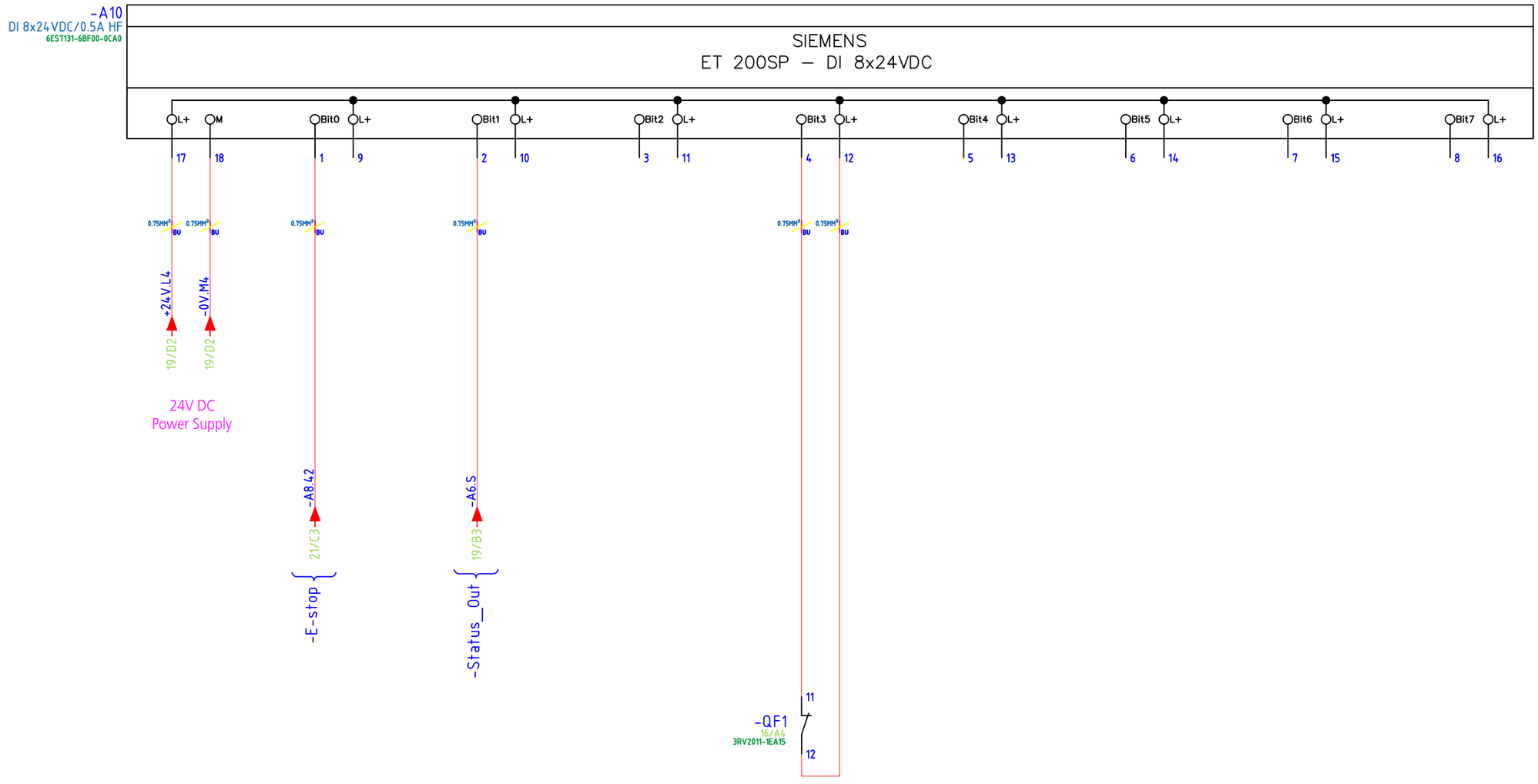
Design by: Rodolfo Neves, SCM

Last Update:	Scale:	Paper:	Page:
25.07.2026	N/A	A3	22 of 30

File Name: WSC2026_TP19_MA_mainproject_01_en — Rev: V2

Description: 24V DC Power Supply for CPU, SCALANCE, HMI and ACT — Projection:

Extra Info 1 | Extra Info 2



Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control

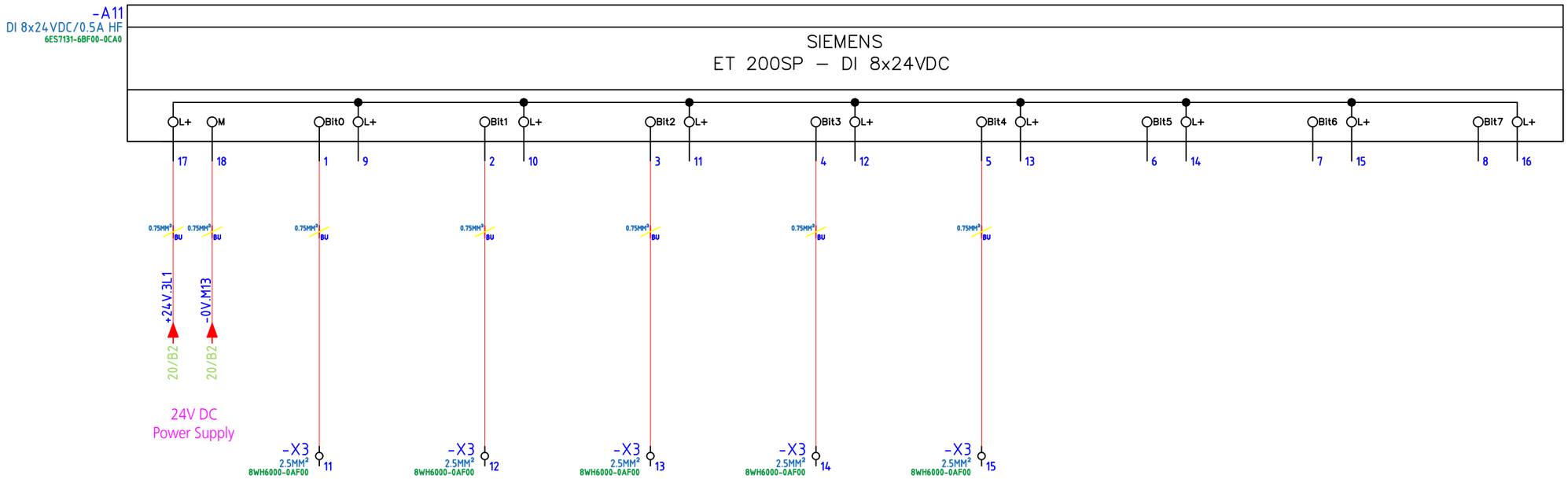
Design by: Rodolfo Neves, SCM

Last Update:	Scale:	Paper:	Page:
25.07.2026	N/A	A3	23 of 30

File Name: WSC2026_TP19_MA_mainproject_01_en — Rev: V2

Description: A10: Digital Input Module 1 — Projection:

Extra Info 1 | Extra Info 2



Reserved Reserved Reserved Reserved Reserved

Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control

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File Name: WSC2026_TP19_MA_mainproject_01_en | Rev: V2

Description: A11: Digital Input Module 2 | Projection:

Extra Info 1 | Extra Info 2

-A12
DQ 8x24VDC/0.5A HF
6ES7132-6BF01-0CA0

SIEMENS
ET 200SP – DQ 8x24 VDC

L+ M Bit0 M Bit1 M Bit2 M Bit3 M Bit4 M Bit5 M Bit6 M Bit7 M

17 18 1 9 2 10 3 11 4 12 5 13 6 14 7 15 8 16

0.75MM² BU

+24V.4L5

-0V.M22

20/B3

20/B4

24V DC
Power Supply

-X3
2.5MM²
8WH6000-0AF00
16

-X3
2.5MM²
8WH6000-0AF00
17

-X3
2.5MM²
8WH6000-0AF00
18

-X3
2.5MM²
8WH6000-0AF00
19

-X3
2.5MM²
8WH6000-0AF00
20

-A6.RST

19/B3

-PSE_RST

SITOP Control Logic
Signal

Reserved

Reserved

Reserved

Reserved

Reserved

Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control

Design by: Rodolfo Neves, SCM

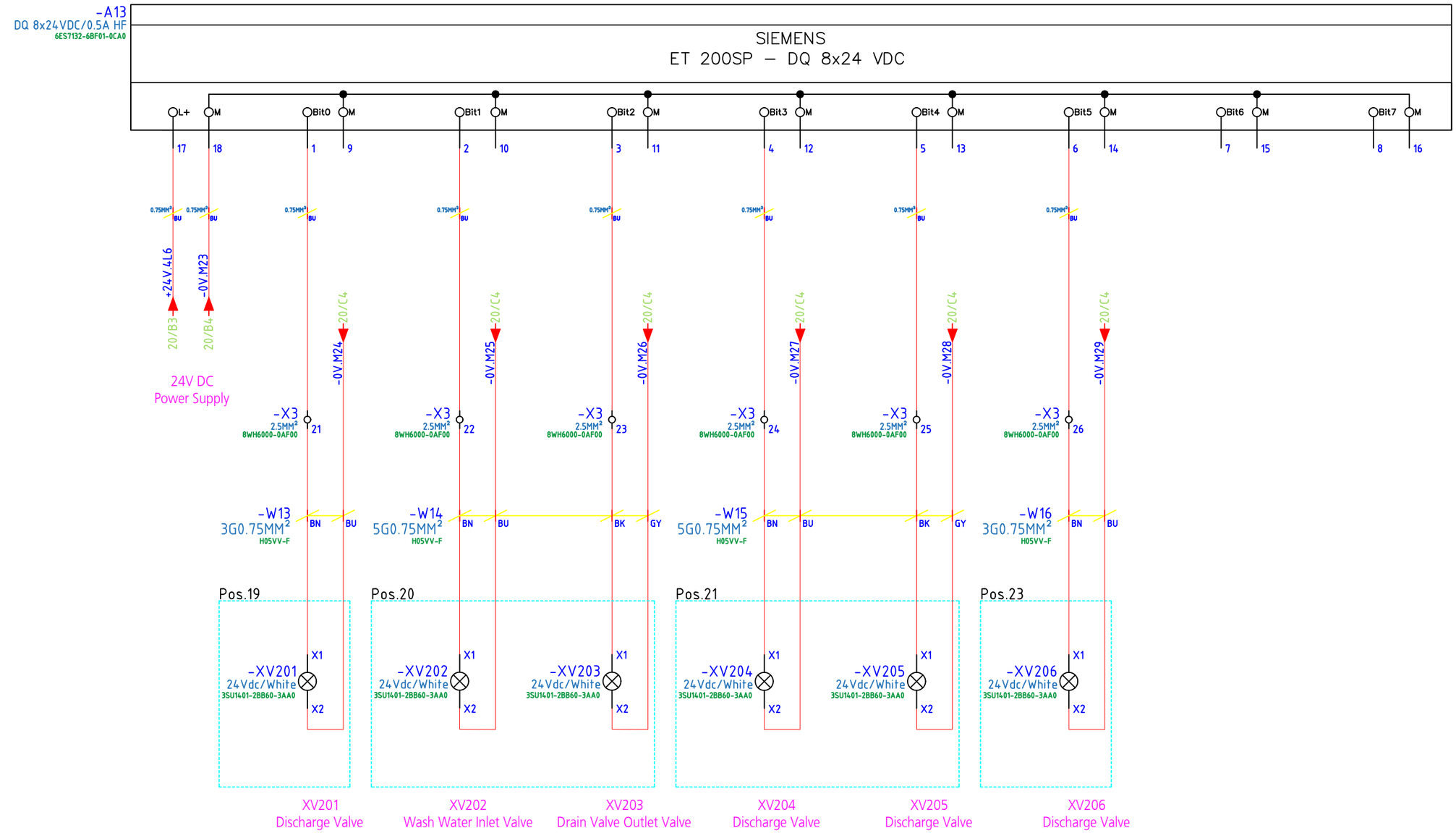
Last Update: 25.07.2026 | Scale: N/A | Paper: A3 | Page: 25 of 30

File Name: WSC2026_TP19_MA_mainproject_01_en | Rev: V2

Description: A12: Digital Output Module 1

Projection:

Extra Info 1 | Extra Info 2



Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control

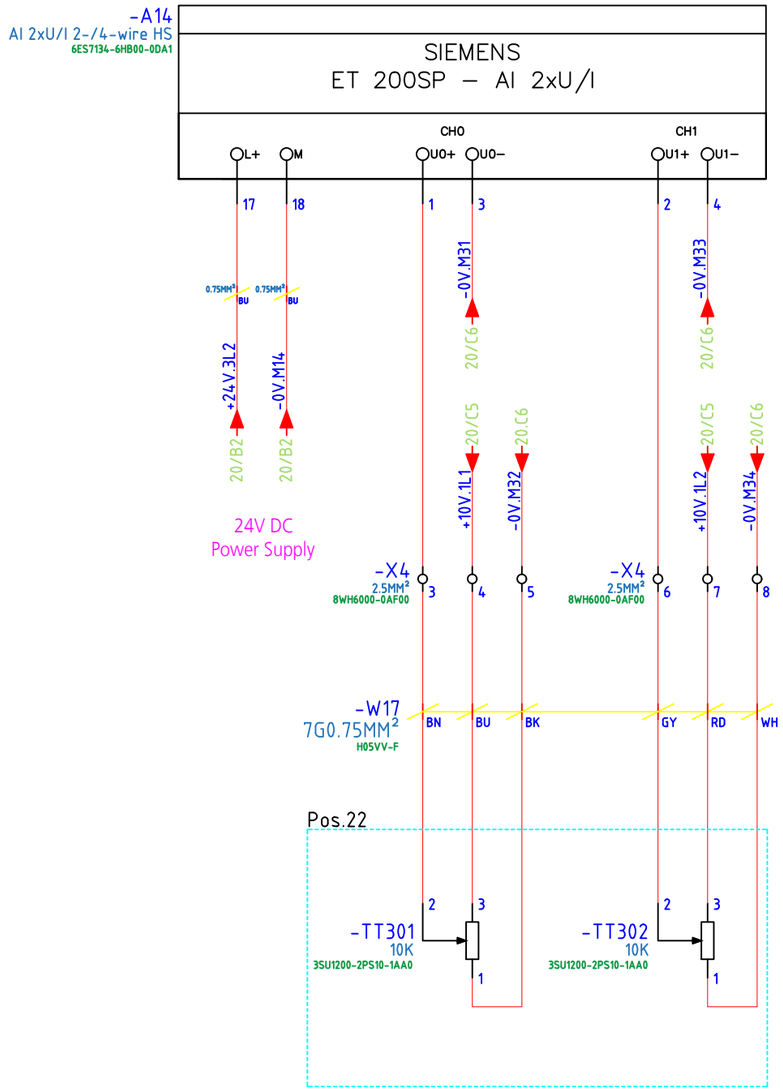
Design by: Rodolfo Neves, SCM

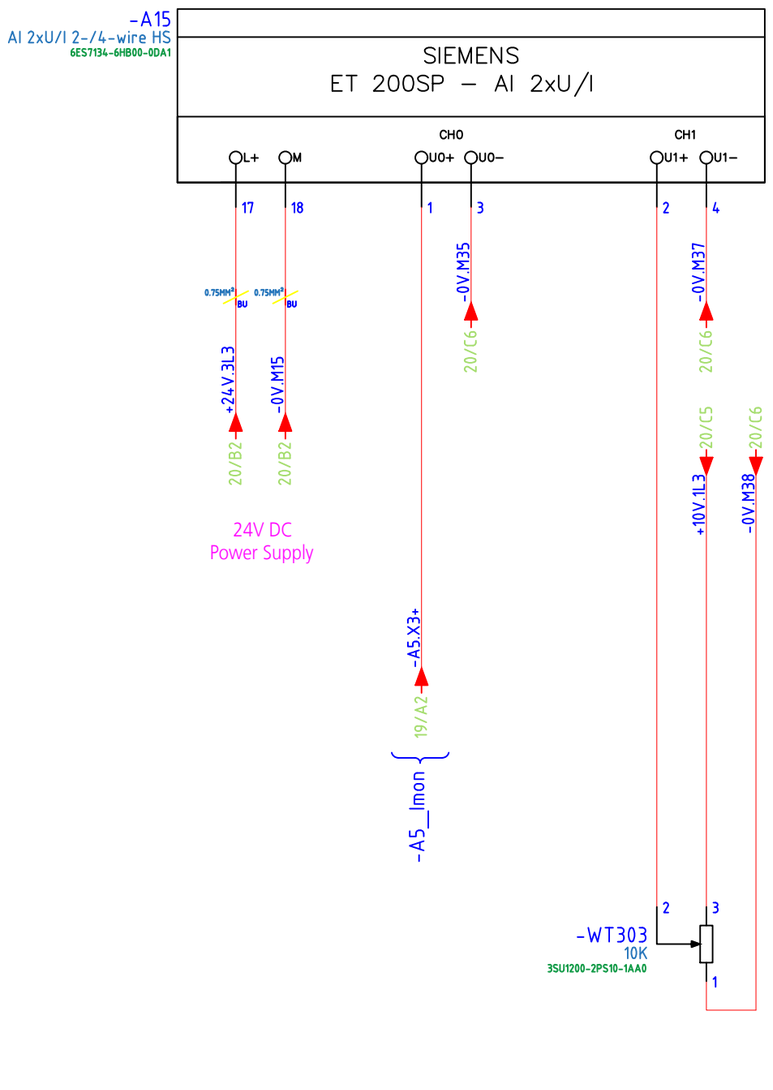
Last Update:	Scale:	Paper:	Page:
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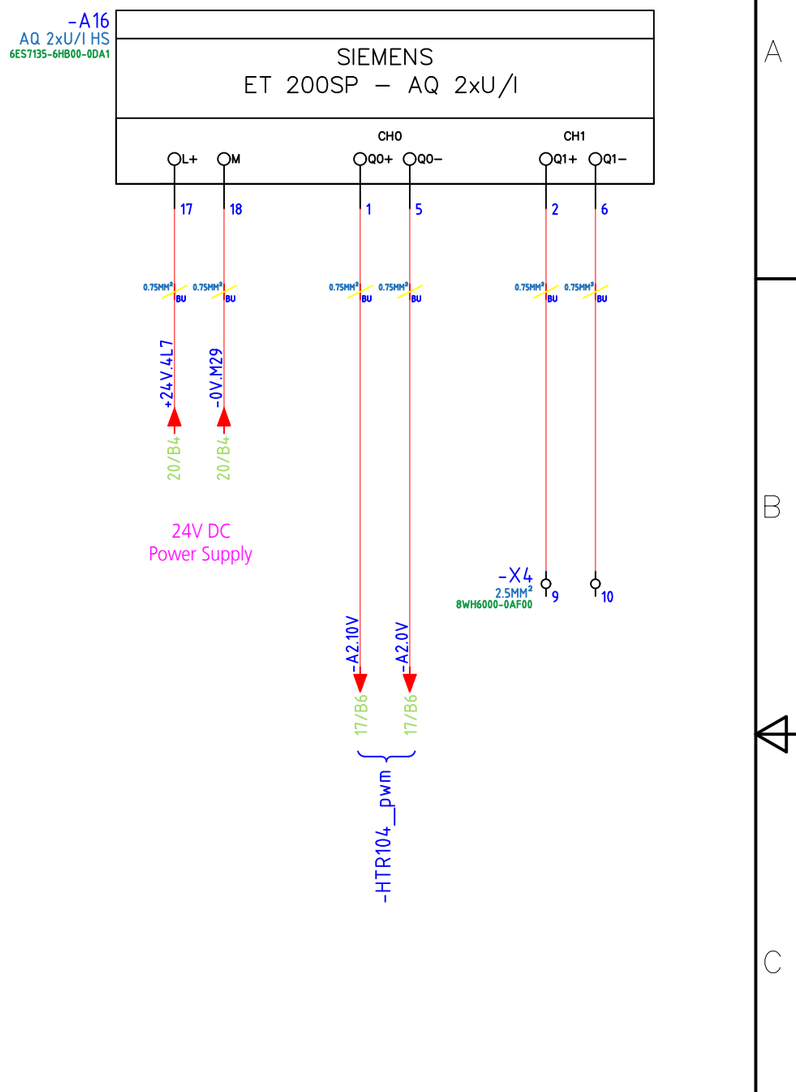
File Name: WSC2026_TP19_MA_mainproject_01_en — Rev: V2

Description: A13: Digital Output Module 2 — Projection:

Extra Info 1 | Extra Info 2







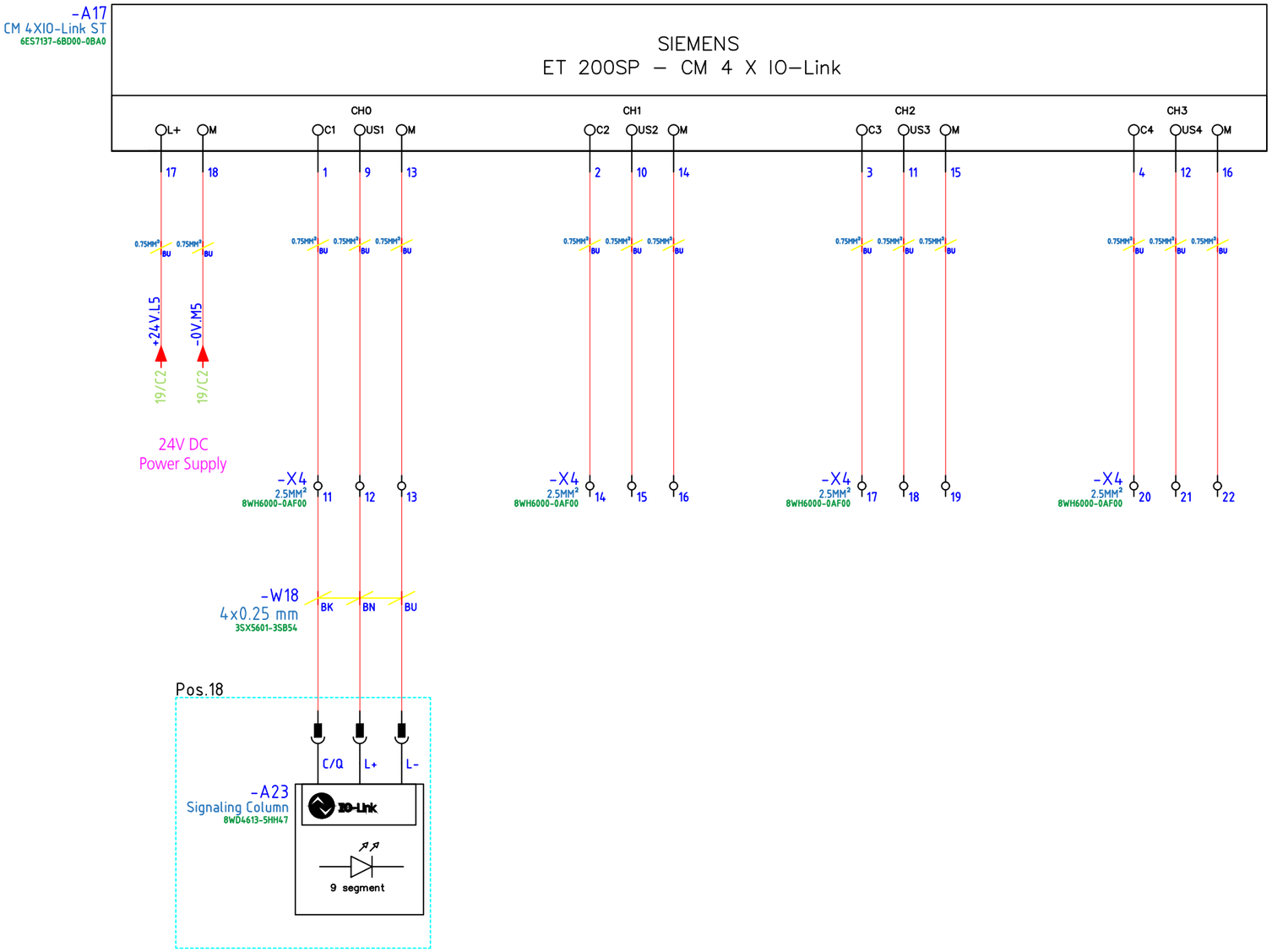
Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

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Skill: Skill 19 Industrial Control			
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Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 27 of 30
File Name: WSC2026_TP19_MA_mainproject_01_en			Rev: V2
Description: A14/A15/A16: Analogic Input and Output Modules			Projection:
Extra Info 1		Extra Info 2	



A23 - Signaling Column

Reserved

Reserved

Reserved

Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

IO-Link	IO-Link		
3 4 / 2 1	1	BN	L+
	2	WH	(optional)
	3	BU	L-
	4	BK	C/Q

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File Name: WSC2026_TP19_MA_mainproject_01_en

Rev: V2

Description: A17: IO Link Module

Projection:

Extra Info 1

Extra Info 2

Pos.17

-A24
DIQ 16x24VDC/2A, M12-L
6ES7143-6BH00-0BB0

SIEMENS
ET 200ECO – DIQ 16x24VDC

X80	X10	X11	X12	X13	X14	X15	X16	X17
1L+ 1M 2L+ 2M	1US DIQ0	1US DIQ1	1US DIQ2	1US DIQ3	2M1 DIQ4	2M1 DIQ5	2M1 DIQ6	2M1 DIQ7
1 3 4 2	1 4	1 4	1 4	1 4	3 4	3 4	3 4	3 4

PE

-W19
4x1.5 mm
6XV1801-6DH50

BN BU WH BK

+24V.3L4 -0V.M16 +24V.4L8 -0V.M30

20/C2 20/C3 20/C4 20/C4

6mm² GN/YE

-XPE1.5

18/C6

24V DC Power Supply

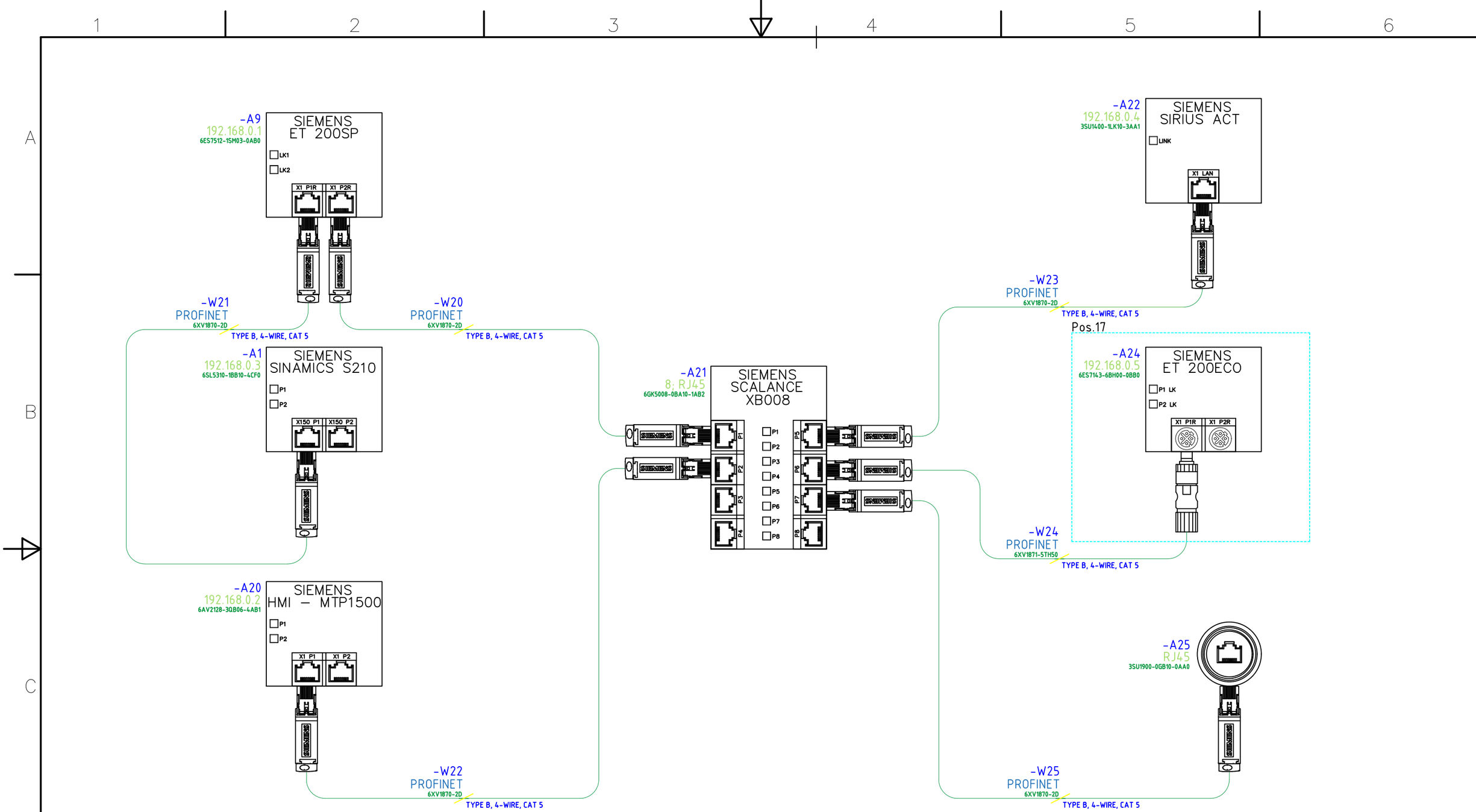
Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

SIEMENS	Power Supply - ET 200eco	
2 1 3 4	1	BN 1L+(+24V)
	2	WH 2M (0V
	3	BU 1M (0V)
	4	BK 1L+(+24V)

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Skill: Skill 19 Industrial Control			
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Last Update: 25.07.2026	Scale: N/A	Paper: A3	Page: 29 of 30
File Name: WSC2026_TP19_MA_mainproject_01_en			Rev: V2
Description: A23: External Digital Input and Output Module			Projection:
Extra Info 1		Extra Info 2	



Colors Legend			
BN	Brown	YE	Yellow
WH	White	PK	Pink
BU	Blue	OG	Orange
BK	Black	RD	Red
GY	Gray	GN/YE	Green/Yellow
GN	Green		

SIEMENS IE connecting - M12

1	YE	TD+ / TX+
2	WH	RD+ / RX+
3	OG	TD-/ TX-
4	BU	RD- / RX-

SIEMENS IE connecting - RJ45

1	YE	TD+ / TX+
2	WH	RD+ / RX+
3	OG	TD-/ TX-
4	BU	RD- / RX-

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File Name: WSC2026_TP19_MA_mainproject_01_en — Rev: V2

Description: PROFINET Connections — Projection:

Extra Info 1 | Extra Info 2