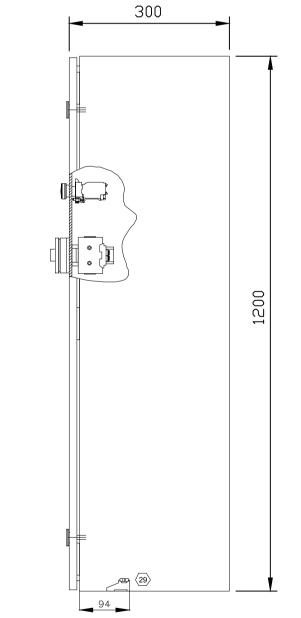


MATERIAL LIST											
ITEM QTY	EQUIPMENT DESCRIPTION	CAPACITY	VOLTAGE	PART NUMBER	BRAND	NOMEPLATES					
1	RECEPTACLE FOR RAIL DIN 220VAC MAX., 50-60 HZ, 10A MAX. IN ACCORDANCE WITH ABNT NBR 14136	10A	220VAC	-	LEGRAN PIAL	RECEP					
2	FUSE TIPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	3,15A	24VDC	0431100000	WEIDMÜLLER	-					
3	THERMOMAGNETIC SWITCH 2-POLE	6A	220VAC	-	SIEMENS	-					
4	OVERVOLTAGE PROTECTION.	25A	220VAC	-	-	-					
5	OVERVOLTAGE PROTECTION	-	24VDC	-	-	-					
6	POWER SUPPLY 24Vdc/10A - POWER SUPPLY 24Vdc/20A	4A/CA @ 10A/20A	220VAC @ 24VDC	SITOP PSU8200 24 V/10A/20A	SIEMENS						
7	PVC WIRING DUCT FROM 40 WIDE X 60 HIGH X 1800 LENGTH	-	-	CD 40X60 CUS-3240389	PHOENIX CONTACT	-					
8	RAIL DIN GALVANIZED STEEL 2000 LENGTH	-	-	NS 35/7.5 0801733	PHOENIX CONTACT	-					
9	SEPARATOR TOP	-	-	ZEW 35 9540000000	WEIDMÜLLER	-					
10	TERMINAL BLOCK STEP TYPE BRIDGR SCREW	-	-	WDU 2.5 1020000000	WEIDMÜLLER						
11)	COVER FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	WAP 2.5-10 105000000	WEIDMÜLLER	-					
(12)	BRIDGE FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	ZQV 2.5N/3 GE 1693810000	WEIDMÜLLER	-					
13	PUSH-IN TERMINALS (SLOTS)	-	-	6ES7193-6BP00-0BA0	SIEMENS	-					
(14)	TERMINAL BLOCK OF TOW FLOORS WITH FUSE	-	-	KDKS 1/35 DB 9532440000	WEIDMÜLLER						
(15)	COVER FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	9532470000	WEIDMÜLLER	-					
(16)	BRIDGE FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	0461300000	WEIDMÜLLER	-					
17)	FUSE TIPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	1A	24VDC	0430700000	WEIDMÜLLER	-					
(18)	FUSE TIPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	0,2A	24VDC	0430400000	WEIDMÜLLER	-					
(19)	TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1783790000	WEIDMÜLLER	-					
20	FINAL COVER FOR TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1784210000	WEIDMÜLLER	-					
21)	PILOT LIGHT, RED	-	24VDC	10250T297LRP24	EATON	-					
22	MAIN SWITCH WITH LOCKING DEVICE, P SWITCH-DISCONNECTORS, FLUSH MOUNTING, 2 POLES, 230 V, INCLUDE: 2 PADLOCKS, LOTO SISTEM.	-	220VAC	T0-1-8200/EA/SVB	EATON	-					
23	800mm X 1200mm X 300mm STAINLESS STEEL CONTROL CABINET, NEMA 4X INCLUDES 739mm X 955mm GALVANIZED STEEL ASSEMBLY PLATE AND CAM LOCKS	-	-	-	RITTAL	-					
24	CPU MODULE S7-1517	-	-	-	SIEMENS	-					
25	MODULE OF 8 ANALOG INPUTS COMPATIBLE WITH S7-1517 CPU	-	-	-	SIEMENS	-					
26	MODULE OF 4 DIGITAL OUTPUTS COMPATIBLE WITH S7-1517 CPU	-	-	-	SIEMENS	-					
27	SPARE	-	-	-	SIEMENS	-					
28	MANAGED SWITCH, 4 RJ45 PORTS.	-	-	X204-2TS	SIEMENS	-					
29	GROUND RAIL HORIZONTAL, WHIT 20 CONNECTION POINTS WITH M5 SCREWS	-	-	DK 7113.000	RITTAL	-					
30>	C-PLOG, REPLACEABLE MEDIUM FOR SIMPLE DEVICE EXCHANGE IN CASE OF FAILURE	-	-	6GK1900-0AB00	SIEMENS	-					

CP-B2600-4 NOTE 8 400 LI1 (22) LDS1 NOTE 9 0

> FIRST FLOOR FRONT VIEW
> ESC: 1:5



FIRST FLOOR LATERAL VIEW ESC: 1:5

FIRST FLOOR DISTRIBUTION PANEL ESC: 1:2

REVISION - NOTES UPDATED TAG NAMES FOR PANEL REVIEW ON THE QUANTITY OF CABLE CONNECTION TERMINALS

SYMBOLOGY 220 VAC



REV	DATE	DESCRIPTION	BY	CHECK	APPF
Α	23APRIL2021	90% DD ISSUE	MAB	MAF	RSP
В	11MAI2021	GENERAL REVISION	MAB	MAF	RSP
0	30JUL2021	ISSUED FOR CONSTRUCTION	MAB	MAF	RSP
	l			l	





GENERAL NOTES

- 1. CONTRACTOR MUST INSTALL ALL WIRING INSIDE THE PANEL. 2. ELECTRICAL MUST GROUNDING THE FOLLOWIN:
- DOOR, PLATE AND PANEL. 3. BLUE MONOPOLAR CABLE, SIZE 1.5 mm ² FOR 24 VDC, AND DIMENSIONS IN MILLIMETERS.
- 4. DIMMENSIONS IN MILLIMETERS. 5. 220 VAC SUPPLY, 60HZ, BY ELECTRICAL
- 6. CONTRACTOR MUST INSTALL INSULATED

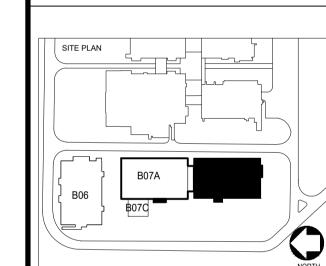
CONTRACTOR.

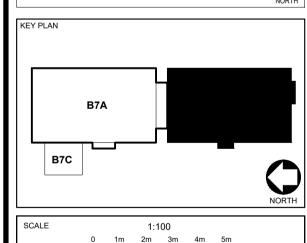
- FERRULES IN BOTH ENDS OF CABLES.

 7. ALL CABLES SHOULD HAVE LABELS FOR TAG
- NAME IN BOTH ENDS. 8. THE CONTROL PANEL MUST INCLUDE
- IDENTIFICATION PLATE WITH THE TAG ENGRAVED. 9. THE CONTROL PANEL MUST INCLUDE EMERGENCY
- STOP IDENTIFICATION PLATE.
- 10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE THE BEST CONDITIONS
- OF CLEANING, OPERATION AND OPERATION. 11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR
- TO CONSIDER THE MISCELLANEOUS NECESSARY TO GARANTEE ALL THE CONNECTIONS AND CORRECT INSTALLATION.

REFERENCE DOCUMENTS

7A-I-0-3-11_X_EMS - WIRING DIAGRAM 7A-I-0-7-03_X_EMS_ARCHITECTURE 07-I-0-8-02_X_EMS INSTRUMENT TYPICAL INSTALLATION





CONFIDENTIAL



EMS CABINET ARRENGEMENT

1 OF 2

DRAWN BY REVIEWED BY SCALE AS NOTED

7B-I-0-3-07