

# PANEL PCS-7B CP-B1031

## REFERENCES

1. SEE DRAWING 7B-I-0-1-01 – PCS NETWORK ARCHITECTURE;
2. SEE DRAWING 7B-I-0-3-06 – PCS CABINET ARRANGEMENT.

## NOTES

1. FOR 220 VAC SHALL USE RED MONOPOLAR CABLE AND BLACK MONOPOLAR CABLE FOR NEUTRAL, SIZE 2.5 MM². FOR 24 VDC SHALL USE BLUE MONOPOLAR CABLE FOR 24 VDC(+) AND WHITE MONOPOLAR CABLE FOR VDC (-), SIZE 2.5 MM².
2. GENERAL GROUNDING (GND) MUST BE CONNECTED TO GROUNDING BUS IN THE CONTROL PANEL INTERIOR AT BOTTOM OF THE CABINET.
3. ELECTRICAL MUST GROUNDING THE FOLLOWING: DOOR, PLATE, AND PANEL.
4. USE A SINGLE CONDUCTOR GREEN OR GREEN-YELLOW INSULATION TO CONNECT THE EQUIPMENTS WITH THE BAR BUS.
5. EACH CABLE WITHIN THE CONTROL PANEL SHALL BE PERMANENTLY TAGGED AND IDENTIFIED AT BOTH ENDS.
6. FOR ALL TERMINAL BLOCKS NUMBERS AND POINT IDENTIFICATIONS SHALL BE PERMANENTLY MARKED BY MARKING STRIPS ON TERMINAL STRIPS.
7. IDENTIFICATION SHALL BE TERMINAL BLOCK NUMBERS AND POINT NUMBERS SHOWN ON THE WIRING DIAGRAMS.
8. IS THE CONTRACTOR RESPONSIBILITY TO CONSIDER THE MISCELLANEOUS NECESSARY TO GUARANTEE ALL THE CONNECTIONS AND CORRECT INSTALLATION.

### REVISION 0 - NOTES



- REVIEW ACCORDING TO I/O LIST;
- REVIEW OF TERMINAL IDENTIFICATIONS;
- SWITCH ADEQUACY.



### REVISION 1 - NOTES

- UPDATED ACCORDING NEW PROCESS CONTROL.

### REVISION 2 - NOTES

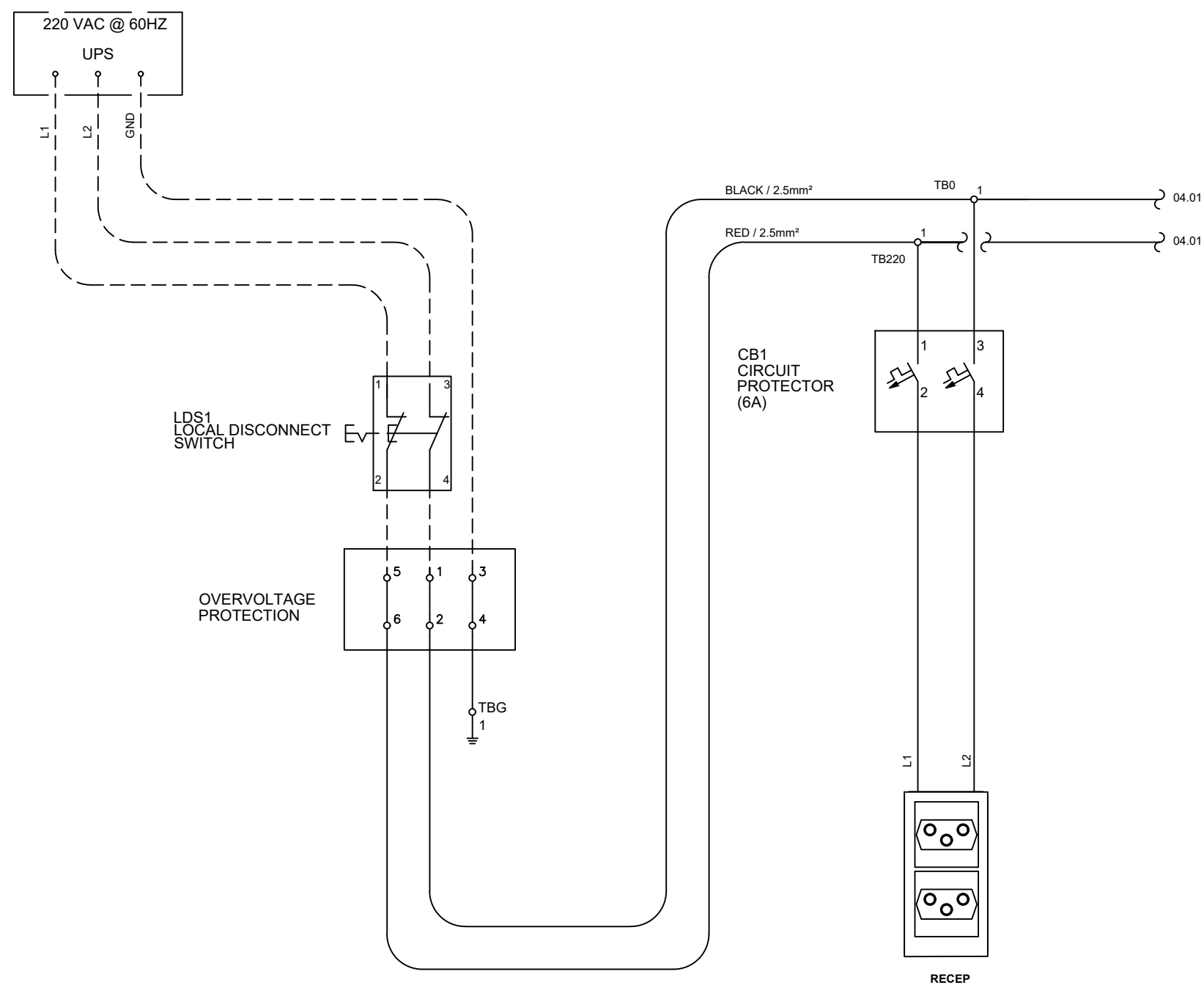
- TAGS AND REMOTES SERVICES UPDATED;
- NETWORK RING CONNECTIONS.

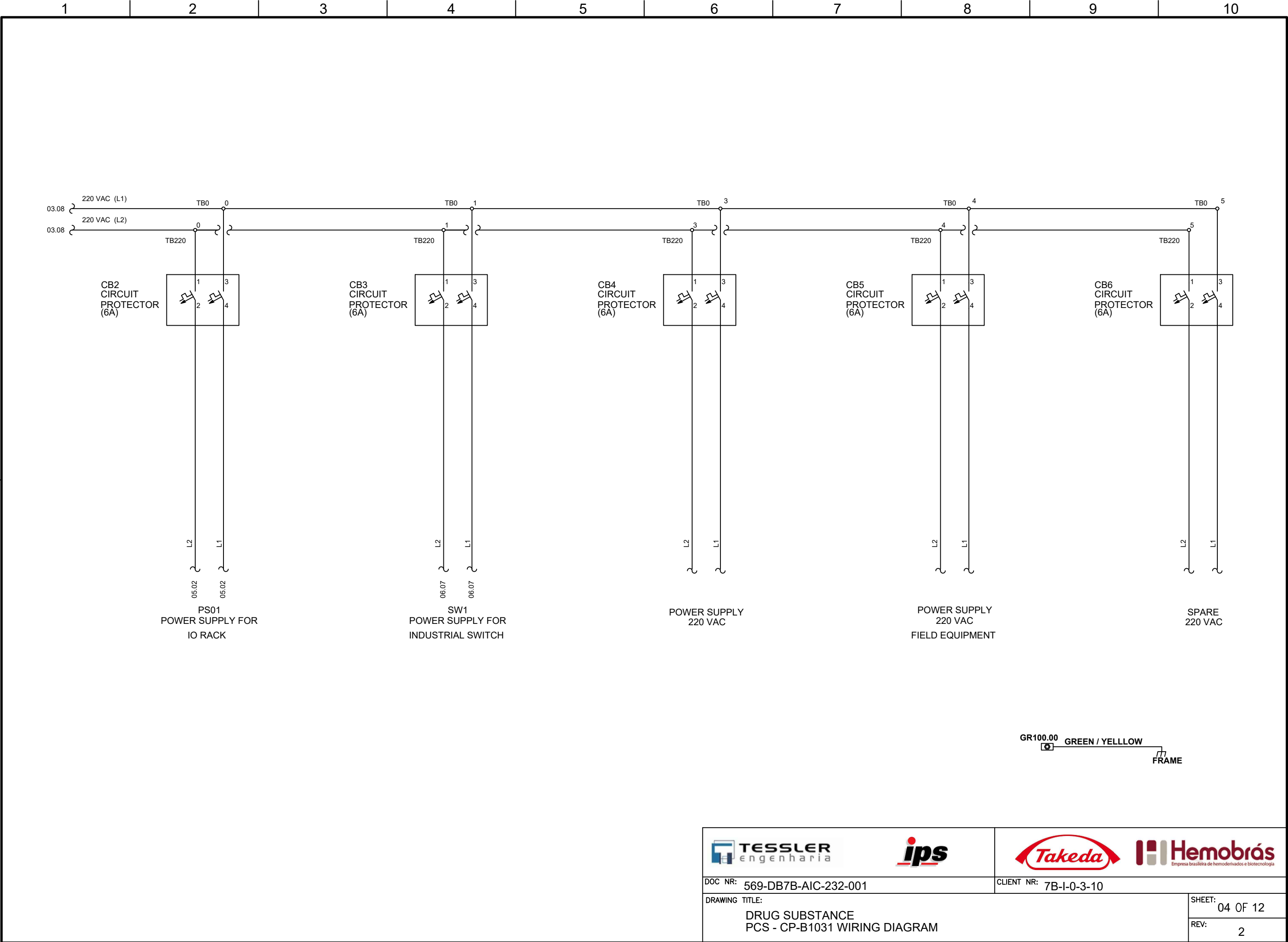
			
PROJECT		TAKEDA / BAXALTA	
CLIENT		BURITI EPCMV PROJECT	
DOC NR		569-DB7B-AIC-232-001	
DRAWN BY	REVIEWED	ENGINEER	SCALE
AG	RSP	MAF	AS NOTED
DATE		22JUN2021	

 	
DRAWING TITLE	
DRUG SUBSTANCE PCS - CP-B1031 WIRING DIAGRAM	
CLIENT NR.	REV.
7B-I-0-3-10	2

2	29APR2022	ISSUED FOR CONSTRUCTION. UPDATED AS PER NOTES.	AG	MAF	RSP	
1	24NOV2021	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS	AG	MAF	RSP	
0	08NOV2021	ISSUED FOR CONSTRUCTION	AG	MAF	RSP	
A	22JUN2021	ORIGINAL ISSUE - FOR APPROVAL	AG	MAF	RSP	
	DATE	DESCRIPTION	DRAWING BY	ENGINEER	REVIEWED	







TB0

4

TB220

4

1

3

2

4

CB5

CIRCUIT

PROTECTOR

(6A)

L2

L1

POWER SUPPLY

220 VAC

FIELD EQUIPMENT

TB0

5

TB220

5

1

3

2

4

CB6

CIRCUIT

PROTECTOR

(6A)

L2

L1

SPARE

220 VAC

GR100.00

GREEN / YELLOW

FRAME

TESSLER

engenharia

ips

Takeda

Empresa brasileira de hemoderivados e biotecnologia

Hemobrás

Empresa brasileira de hemoderivados e biotecnologia

DOC NR: 569-DB7B-AIC-232-001

CLIENT NR: 7B-I-0-3-10

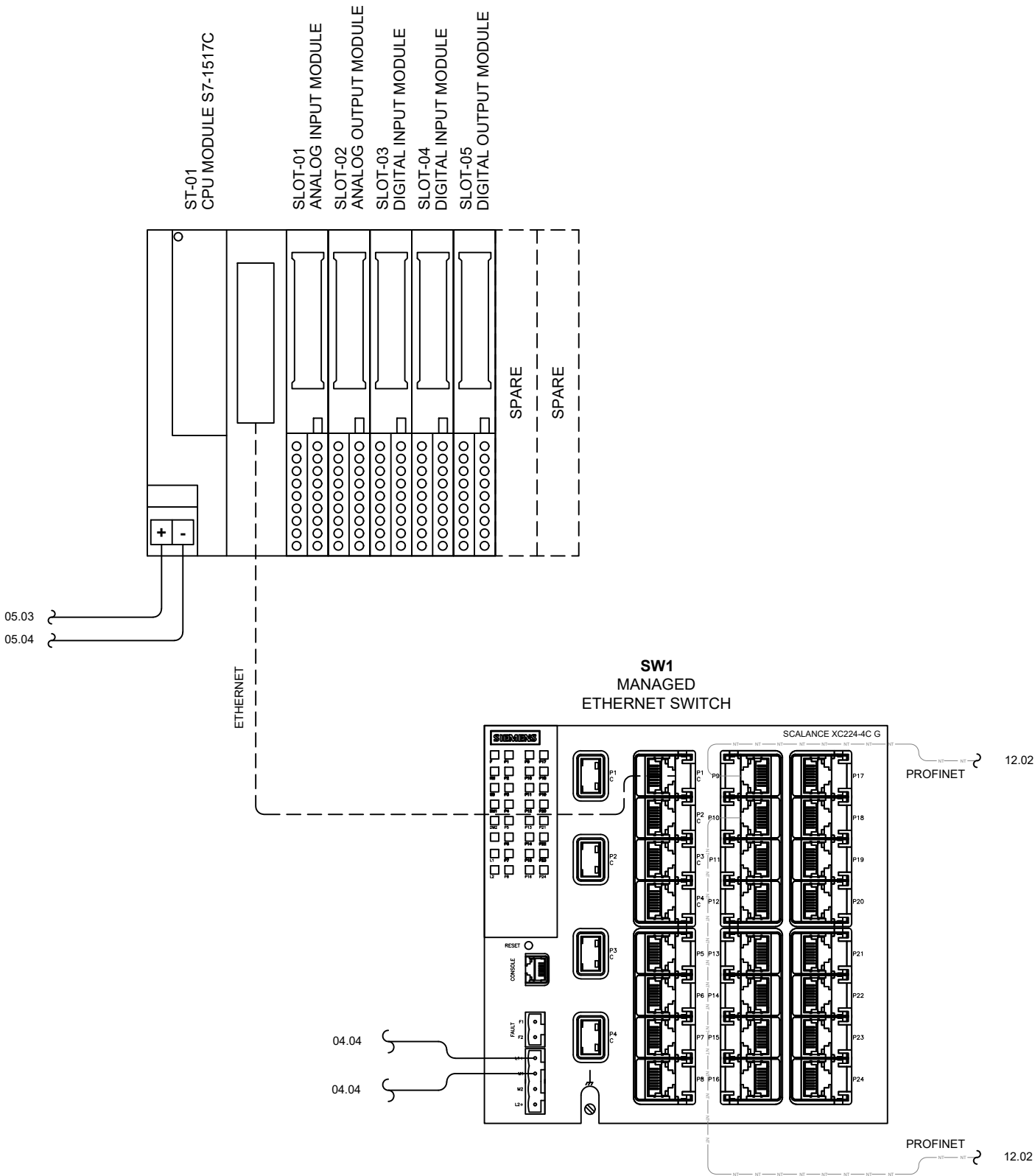
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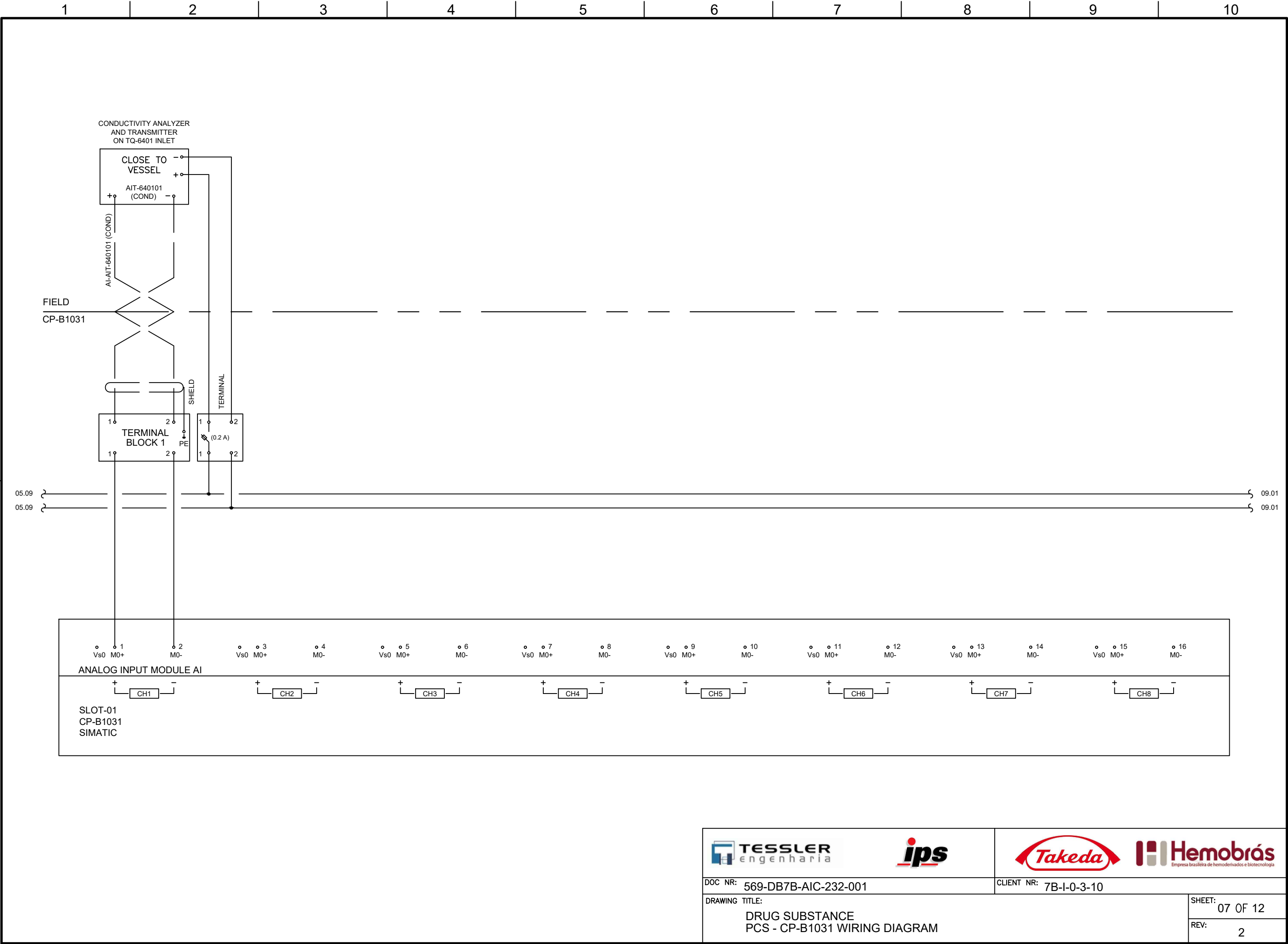
DRUG SUBSTANCE  
PCS - CP-B1031 WIRING DIAGRAM

SHEET: 04 OF 12  
REV: 2



SW1 - 24 UTP PORTS MANAGED ETHERNET SWITCH				
SWITCH	PORT	SIGNAL TO	TAG	SERVICE
SW1	1	CPU MODULE S7-1517C	CP-B1031	PROCESS CONTROL UNIT
SW1	2	OEM CONTROL PANEL	MES-6401	WFI STILL
SW1	3	OEM CONTROL PANEL	SK-6302	PURIFIED WATER PUMP SKID
SW1	4	OEM CONTROL PANEL	SK-8001	PROCESS WASTE SUMP LIFT STATION
SW1	5	OEM CONTROL PANEL	RO-6302	PURIFIED WATER GENERATOR
SW1	6	OEM CONTROL PANEL	CSG-6501	CLEAN STEAM GENERATOR
SW1	7	OEM CONTROL PANEL	SK-6401	WFI PUMPING SKID
SW1	8	FIELD OIT	7B-HMI-1	ROOM B1031
SW1	9	CP-B1031	SC-640101	SPEED CONTROL
SW1	10	SVP-B1031-04	CP-B1031	PNEUMATIC PANEL
SW1	11 TO 24	-	-	SPARE





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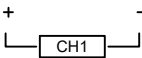
FIELD  
CP-B1031

ANALOG OUTPUT MODULE AO

SLOT-02  
CP-B1031  
SIMATIC

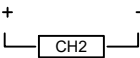
○ 1  
Vs0 M0+

○ 2  
M0-



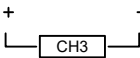
○ 3  
Vs0 M0+

○ 4  
M0-



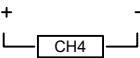
○ 5  
Vs0 M0+

○ 6  
M0-



○ 7  
Vs0 M0+

○ 8  
M0-



DOC NR: 569-DB7B-AIC-232-001

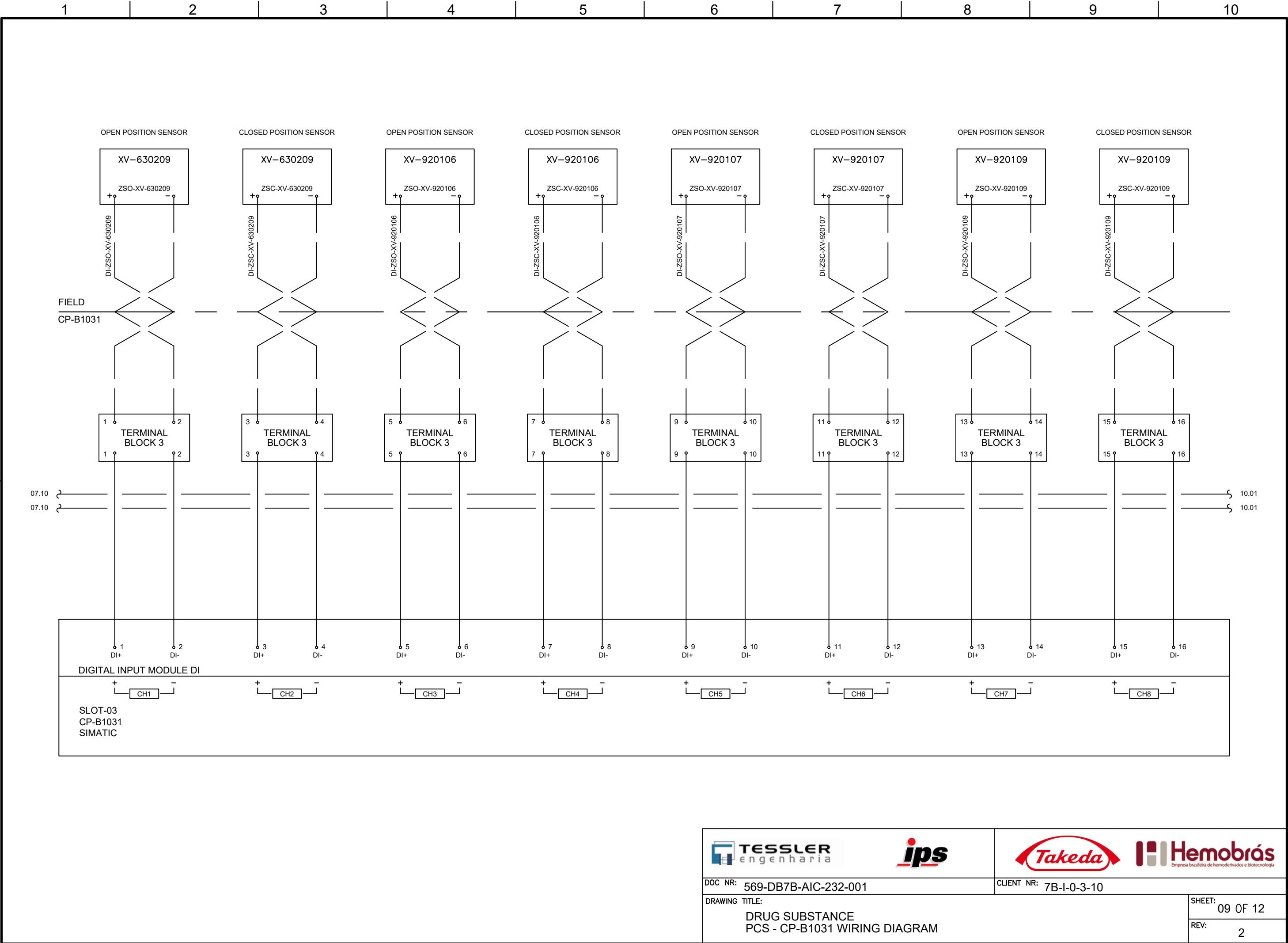
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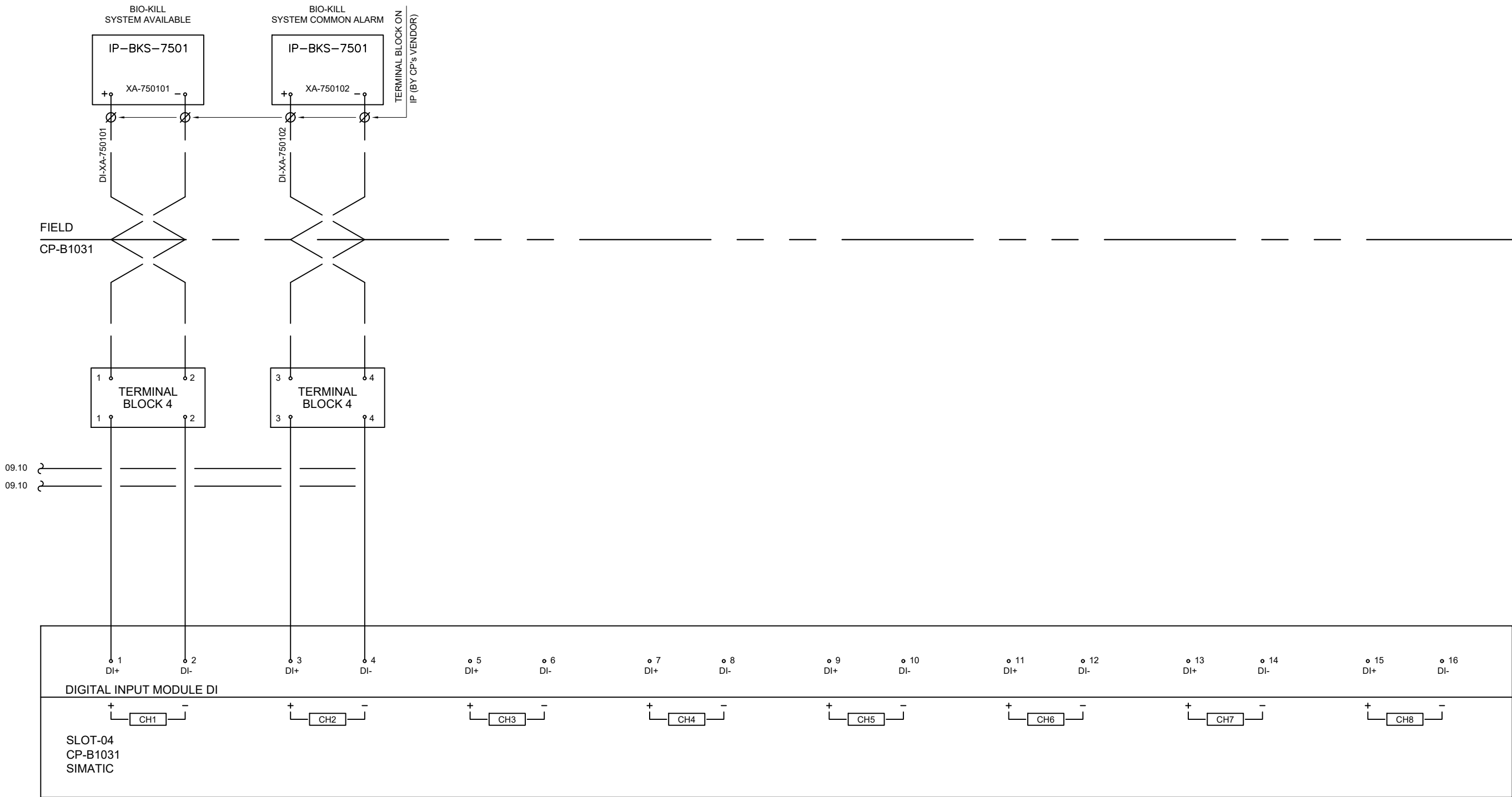
DRAWING TITLE:  
DRUG SUBSTANCE  
PCS - CP-B1031 WIRING DIAGRAM

SHEET: 08 OF 12

REV: 2







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FIELD

CP-B1031

