

REMOTE RM-AHU-7B-9

REFERENCES

1. SEE DRAWING 7B-I-0-3-08 - DRUG SUBSTANCE - BMS ARCHITECTURE
2. SEE DRAWING 7B-M-0-5-25 - DRUG SUBSTANCE - AFD - AHU-7B-9

NOTES



1. POWER SUPPLY (220 VAC @ 60HZ) TO REMOTES PANEL IS SCOPE OF ELECTRIC DISCIPLINE.
2. FOR 220 VAC SHALL USE RED MONOPOLAR CABLE AND BLACK MONOPOLAR CABLE RED, 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.
3. GENERAL GROUNDING (GND) MUST BE CONNECTED TO GROUNDING BUS IN THE CONTROL PANEL INTERIOR AT BOTTOM OF THE CABINET.
4. ELECTRICAL MUST GROUNDING THE FOLLOWING: DOOR, PLATE, AND PANEL.
5. USE A SINGLE CONDUCTOR GREEN OR GREEN-YELLOW INSULATION TO CONNECT THE EQUIPMENTS WITH THE BAR BUS.
6. EACH CABLE WITHIN THE CONTROL PANEL SHALL BE PERMANENTLY TAGGED AND IDENTIFIED AT BOTH ENDS.
7. FOR ALL TERMINAL BLOCKS NUMBERS AND POINT IDENTIFICATIONS SHALL BE PERMANENTLY MARKED BY MARKING STRIPS ON TERMINAL STRIPS.
8. IDENTIFICATION SHALL BE TERMINAL BLOCK NUMBERS AND POINT NUMBERS SHOWN ON THE WIRING DIAGRAMS.
9. IS THE CONTRACTOR RESPONSIBILITY TO CONSIDER THE MISCELLANEOUS NECESSARY TO GUARANTEE ALL THE CONNECTIONS AND CORRECT INSTALLATION.



REVISION 0 NOTES

1. INCLUSION OF THE MONITORED AND CONTROLS POINTS FOR RECTANGULAR FIRE DAMPERS.
2. UPDATE IN POINTS OF THE SMOKE DETECTOR INSIDE IN DUCTS FOR HVAC SYSTEM (AIR SUPPLY DUCT).
3. UPDATE IN NUMBERS OF THE ALL SHEETS.
4. UPDATE IN ITEM DRAWINGS REFERENCE.

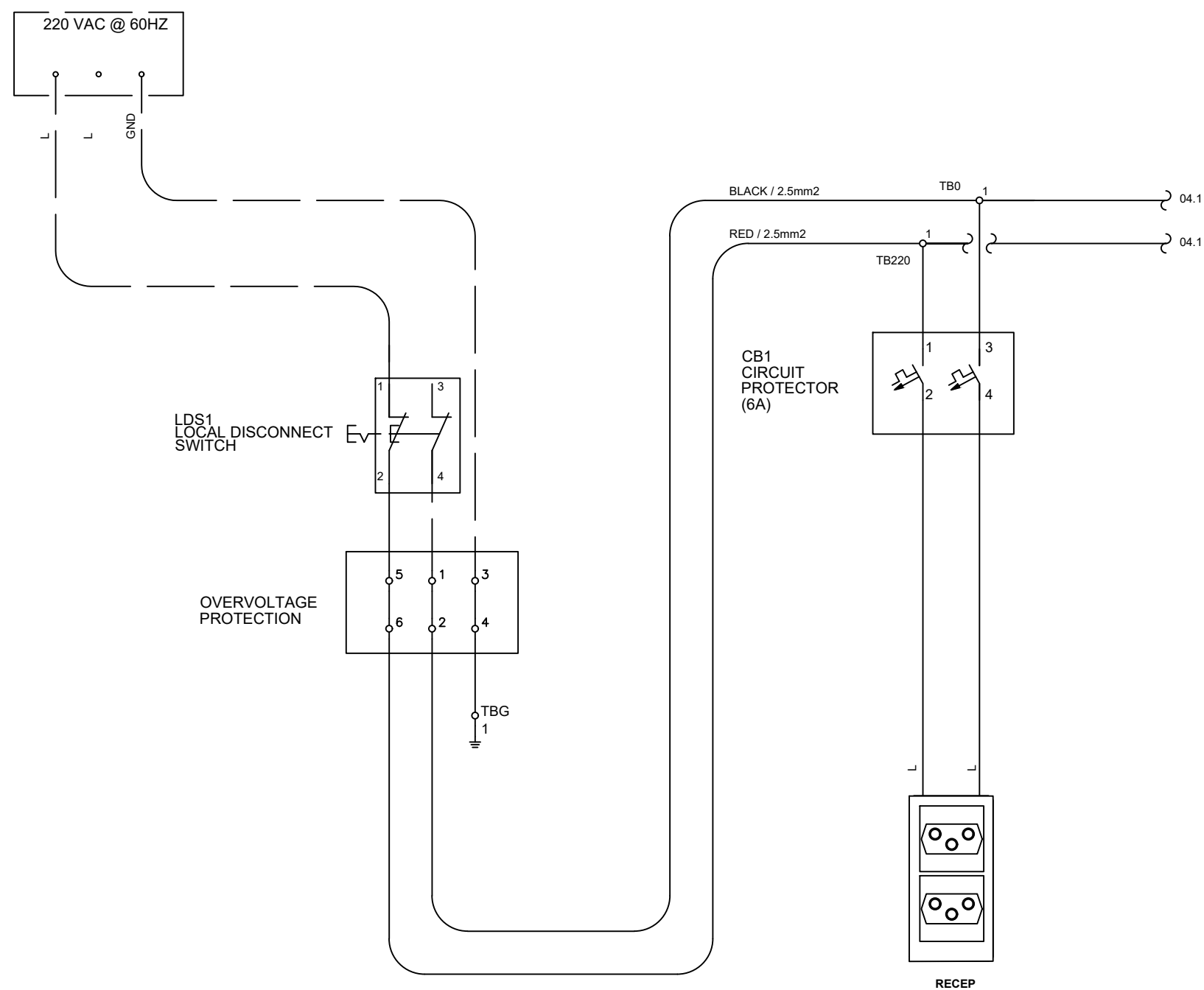
REVISION 1 NOTES

1. ADDED PRESSURE CONTROL IN AHU MIXING BOX.
2. FIXED THE ADDRESSING OF LINES BETWEEN PAGES.

 TESSLER engenharia				
PROJECT		TAKEDA / BAXALTA		
CLIENT		BURITI EPCMV PROJECT		
DOC NR		569-DB7B-AIC-232-012		
DRAWN BY	REVIEWED	ENGINEER	SCALE	DATE
AAS	MAF	RSP	-	21MAY2021

		 Empresa brasileira de hemoderivados e biotecnologia	
DRAWING TITLE			
DRUG SUBSTANCE BMS - WIRING DIAGRAM			
CLIENT NR.			REV.
7B-I-0-3-23			1

1	08FEB2022	ISSUE FOR CONSTRUCTION CONSIDERING COMMENTS	ACC	MAF	RSP	
0	11AGO2021	ISSUE FOR CONSTRUCTION	AAS	MAF	RSP	
A	21MAY2021	90% DD ISSUE	AAS	MAF	RSP	
	DATE	DESCRIPTION	DRAWING BY	ENGINEER	REVIEWED	

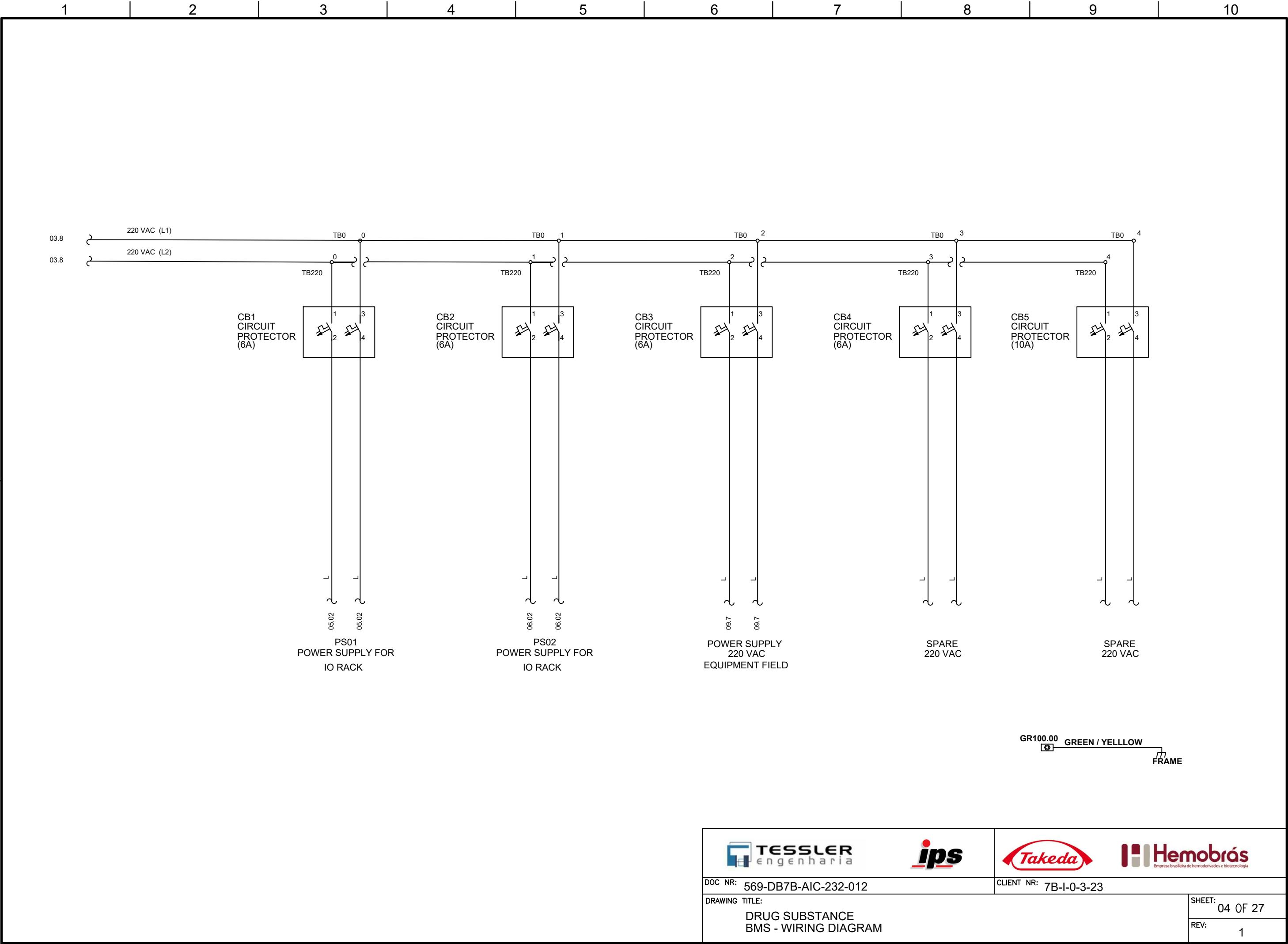


LDS1
LOCAL DISCONNECT
SWITCH

OVERVOLTAGE PROTECTION

CB1
CIRCUIT
PROTECTOR
(6A)

RECEP



PS01
POWER SUPPLY FOR
IO RACK

PS02
POWER SUPPLY FOR
IO RACK

POWER SUPPLY
220 VAC
EQUIPMENT FIELD

SPARE
220 VAC

SPARE
220 VAC

GR100.00

GREEN / YELLOW

FRAME

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Takeda

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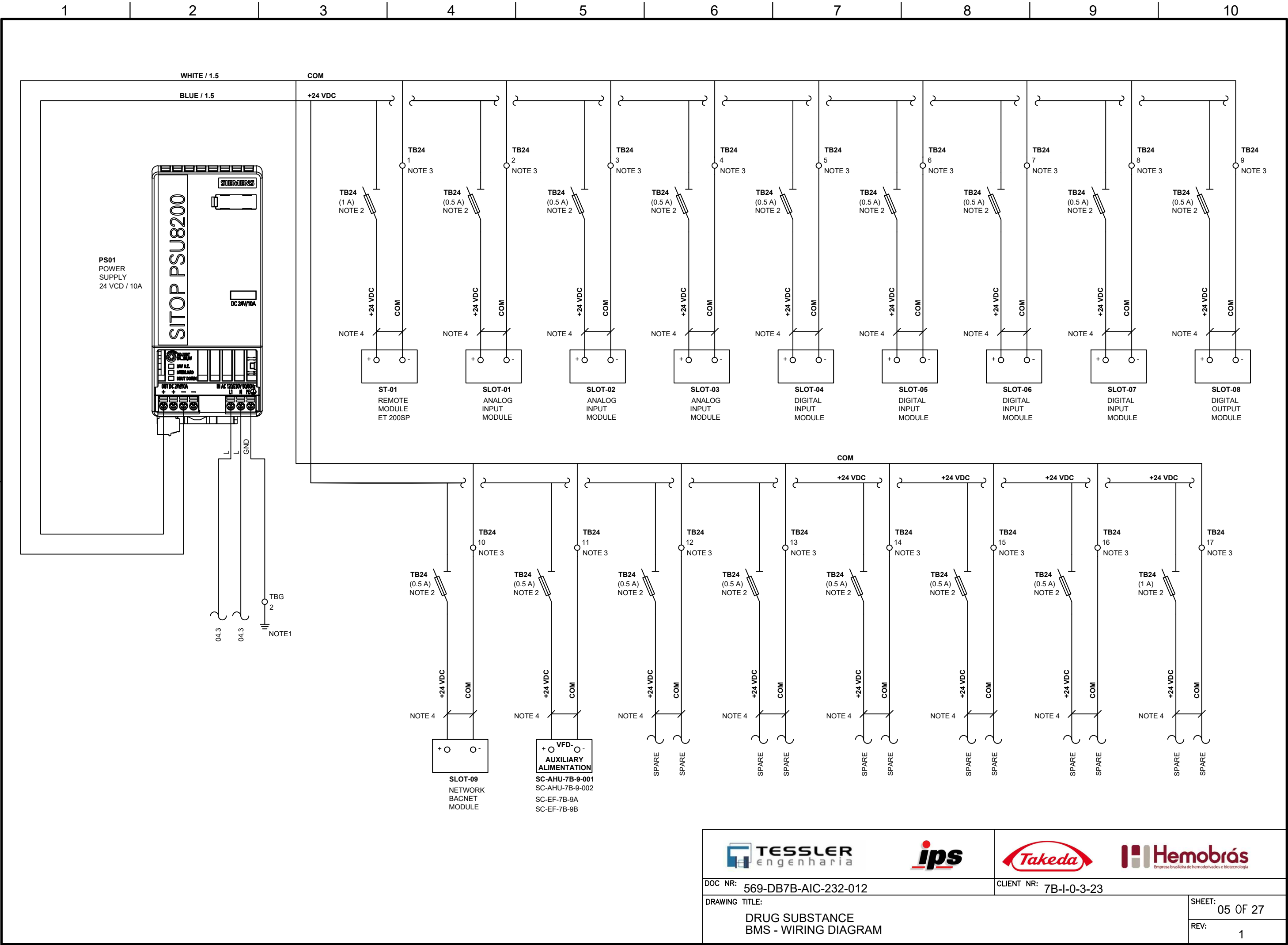
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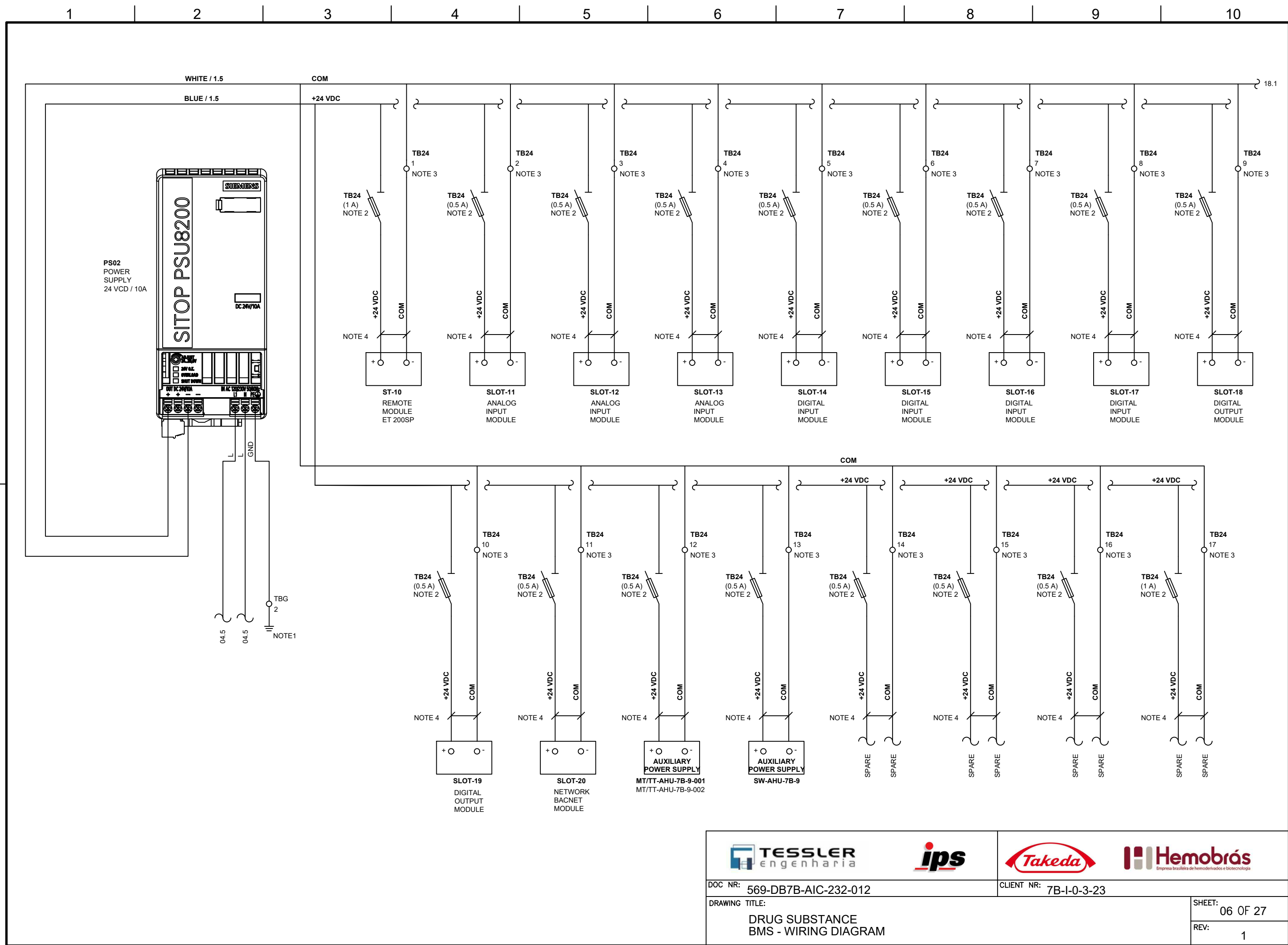
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DRAWING TITLE:
DRUG SUBSTANCE
BMS - WIRING DIAGRAM

SHEET: 04 OF 27

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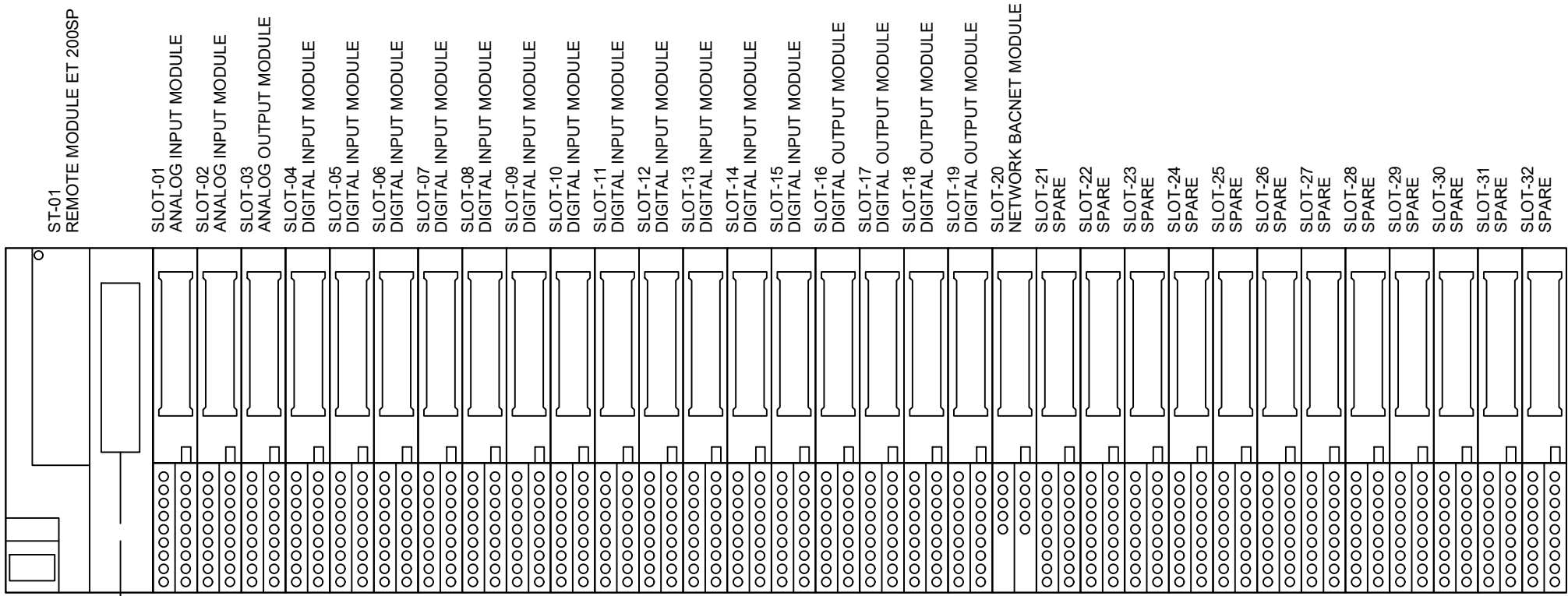
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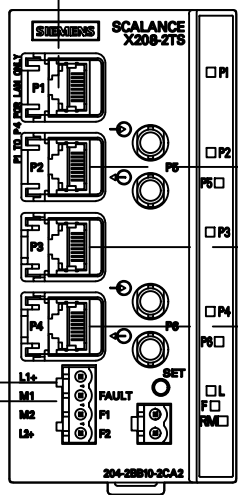
SHEET:
06 OF 27

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1



PROFINET

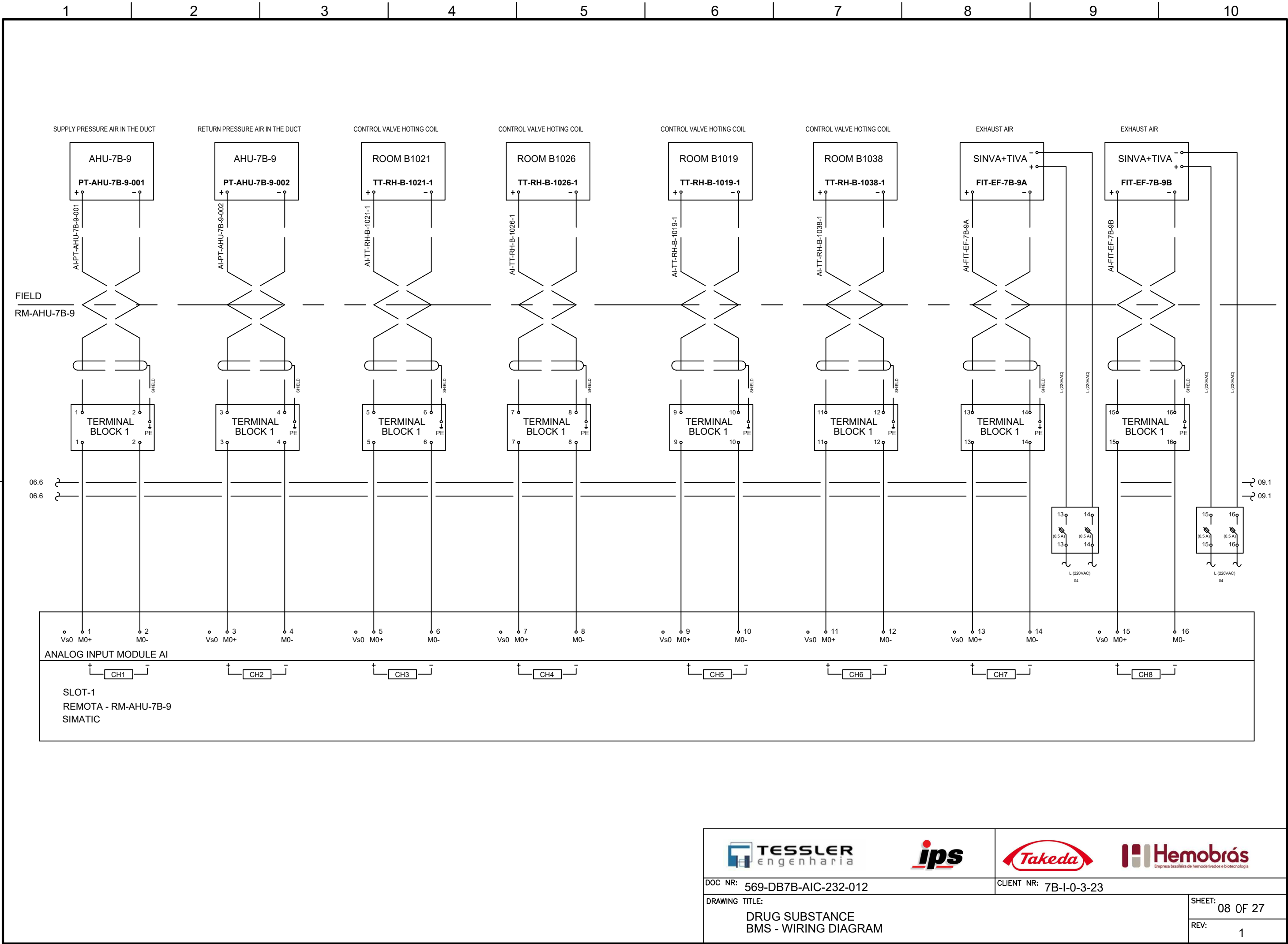
SW-AHU-7B-9
MANAGED
ETHERNET SWITCH

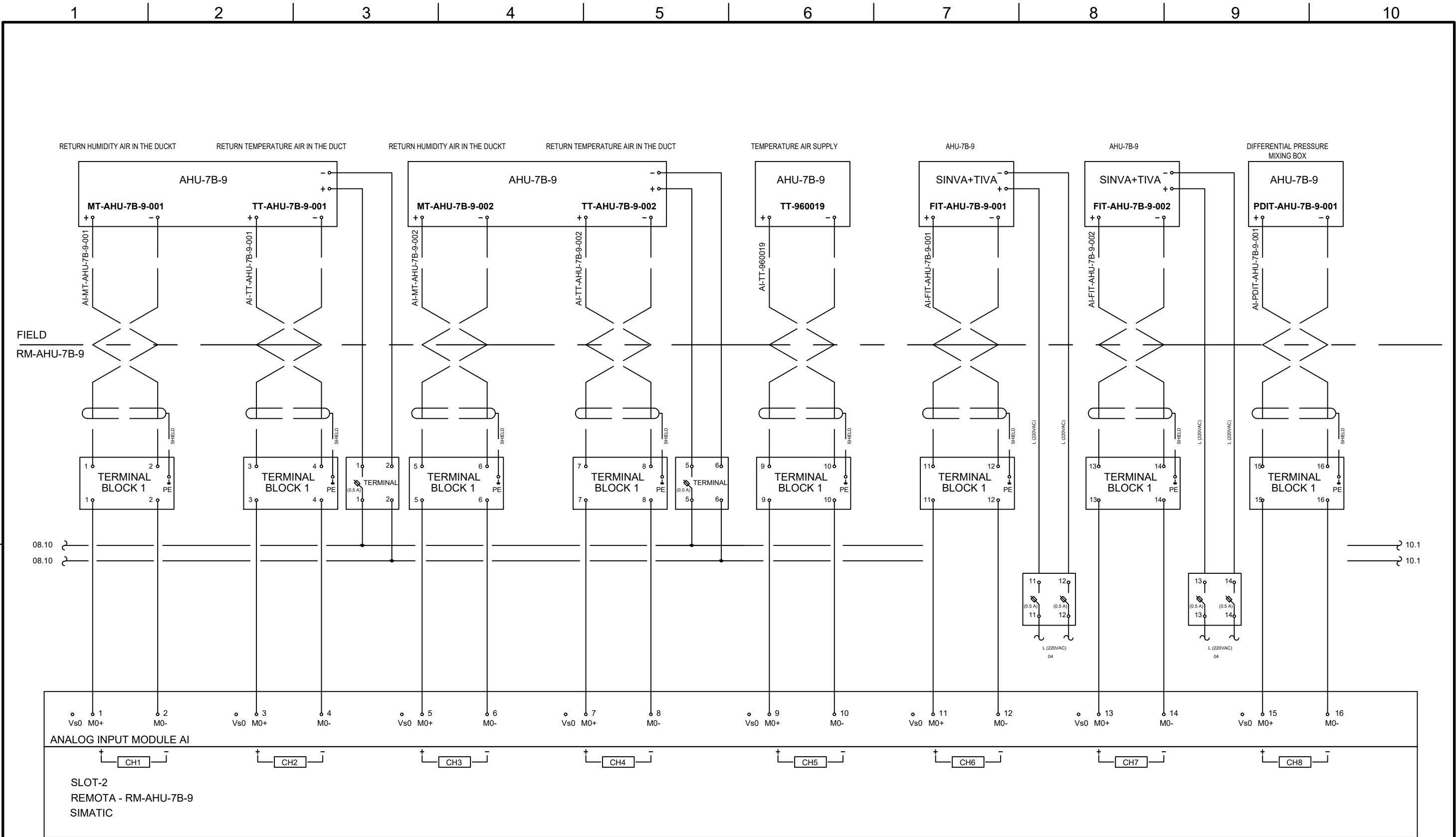


PROFINET VFD's

SW-AHU-7B-9			
PORT	SIGNAL TO	TAG	SERVICE
1	VFD	SC-AHU-7B-9-001	MOTOR SPEED CONTROL
2	VFD	SC-AHU-7B-9-002	MOTOR SPEED CONTROL
3	VFD	SC-EF-7B-9A	MOTOR SPEED CONTROL
4	VFD	SC-EF-7B-9B	MOTOR SPEED CONTROL
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-

05.6
05.6





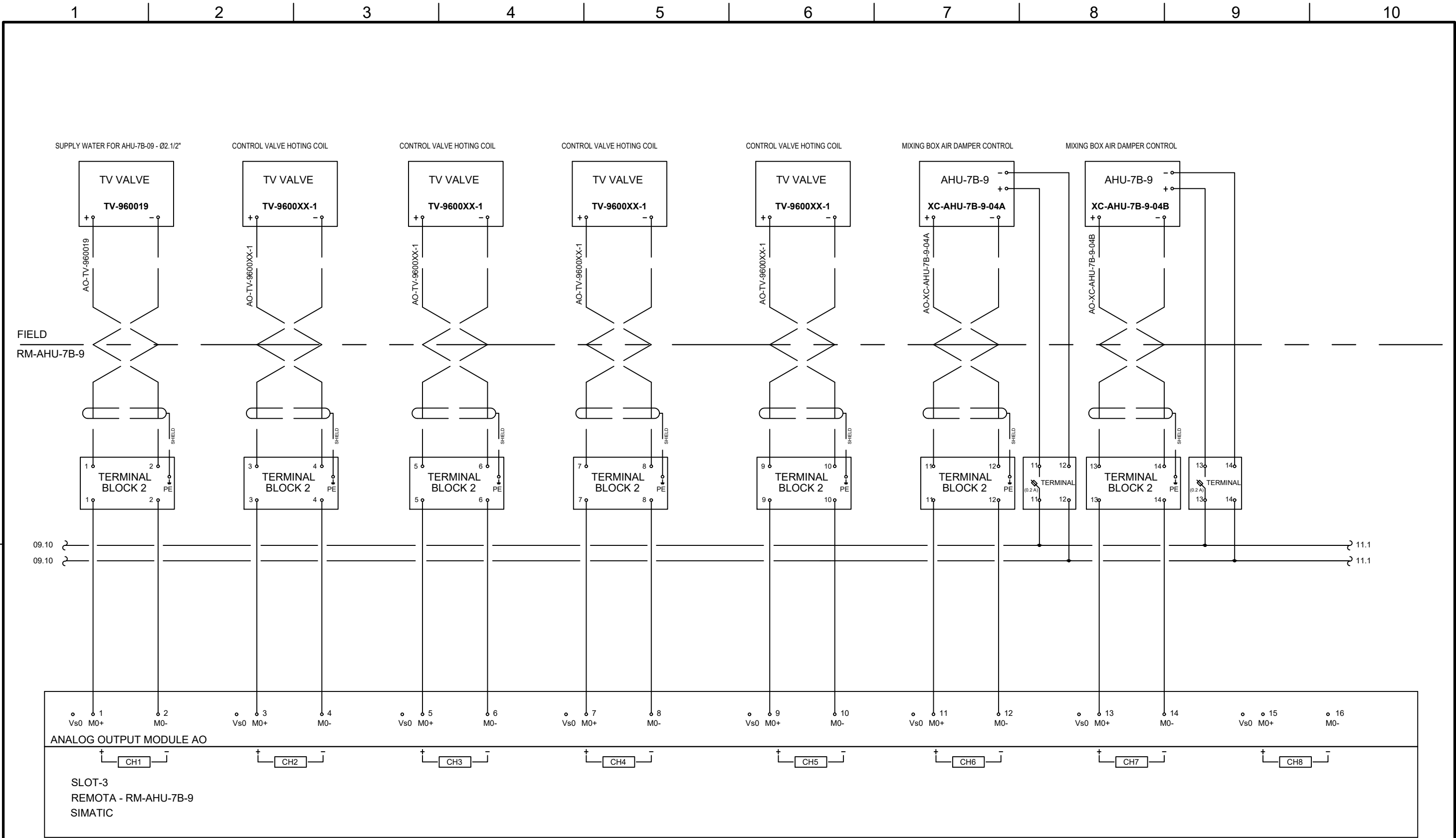
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DRUG SUBSTANCE
BMS - WIRING DIAGRAM

SHEET: 09 OF 27

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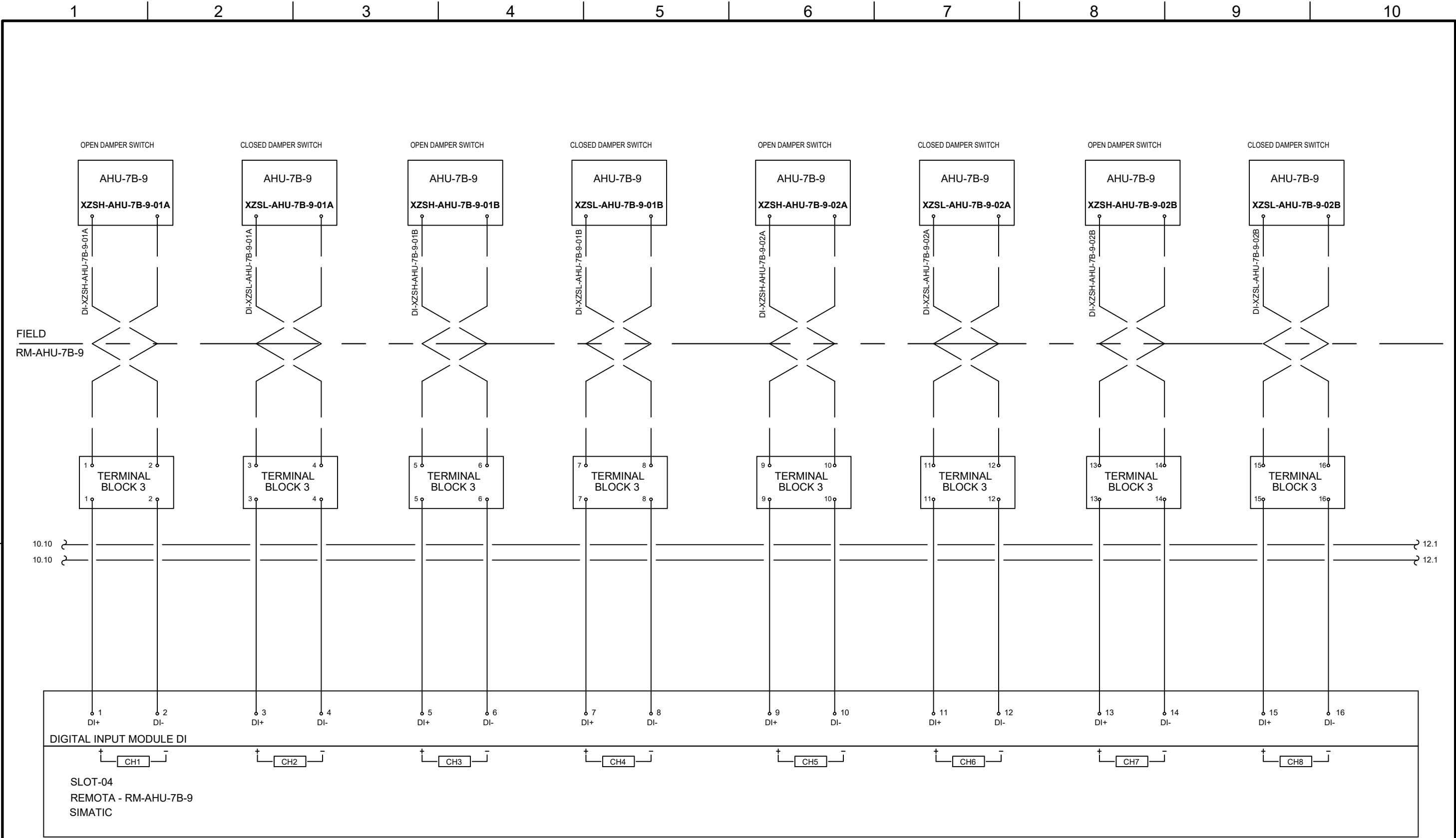
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BMS - WIRING DIAGRAM

SHEET: 10 OF 27

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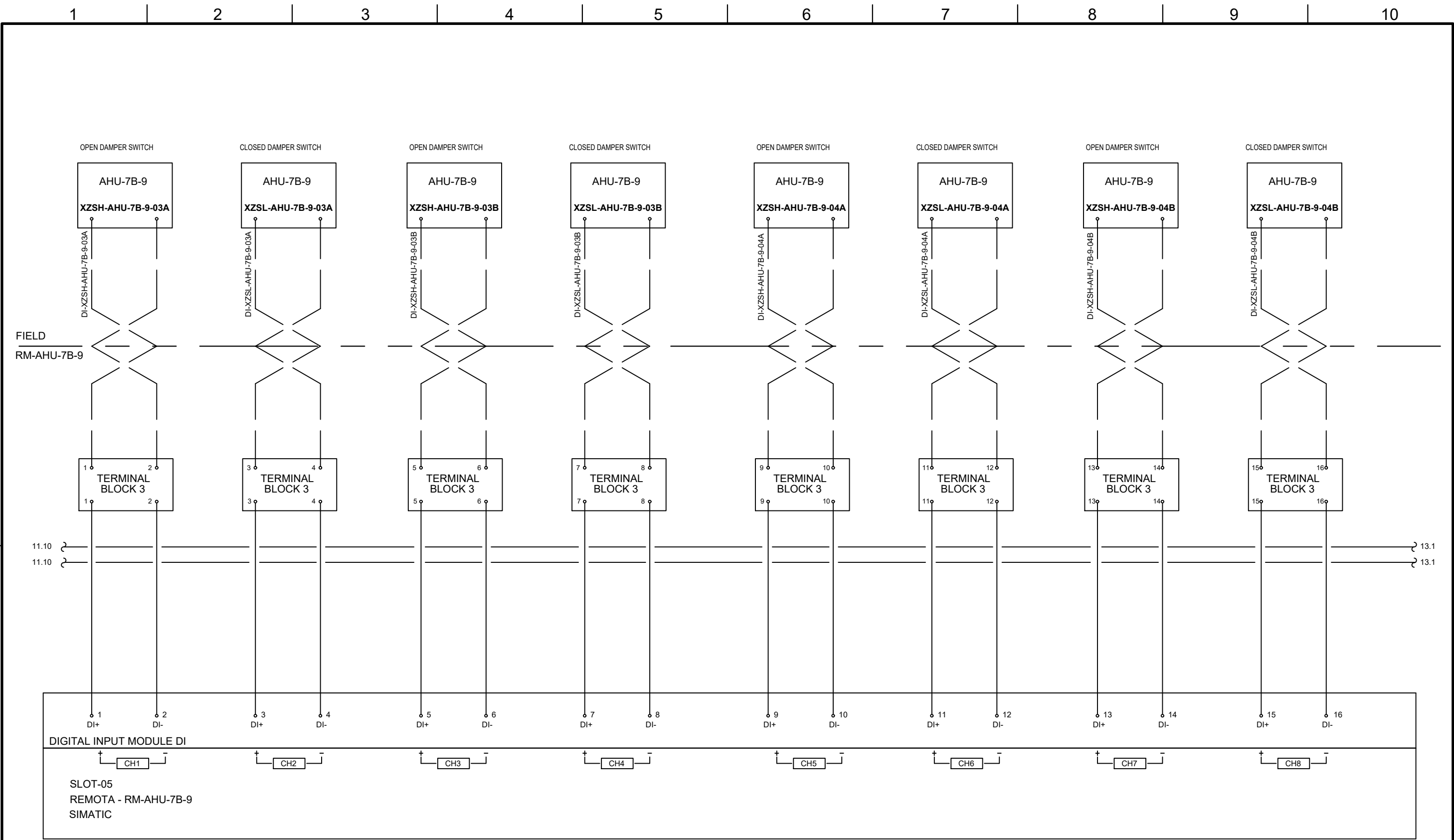
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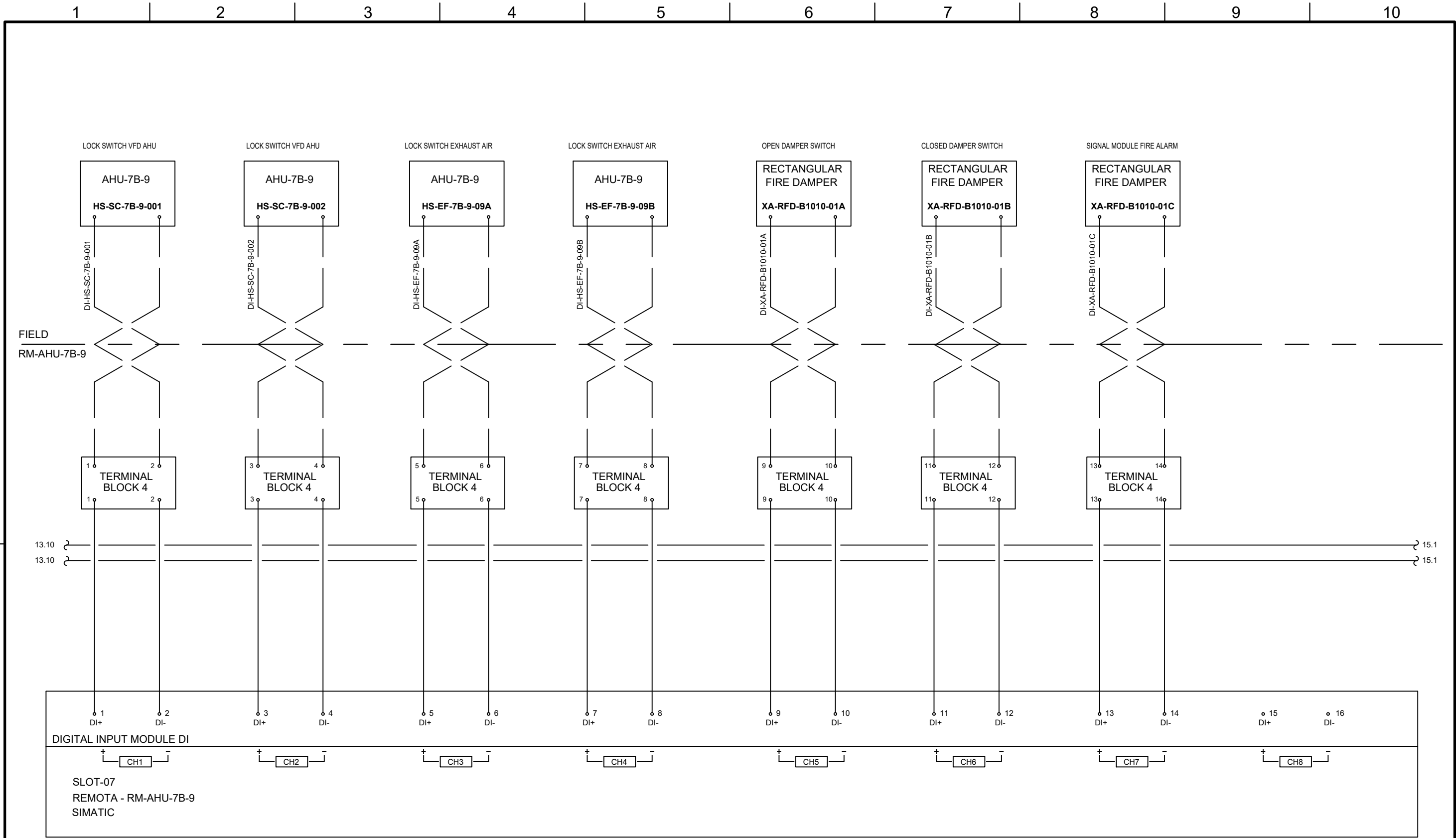
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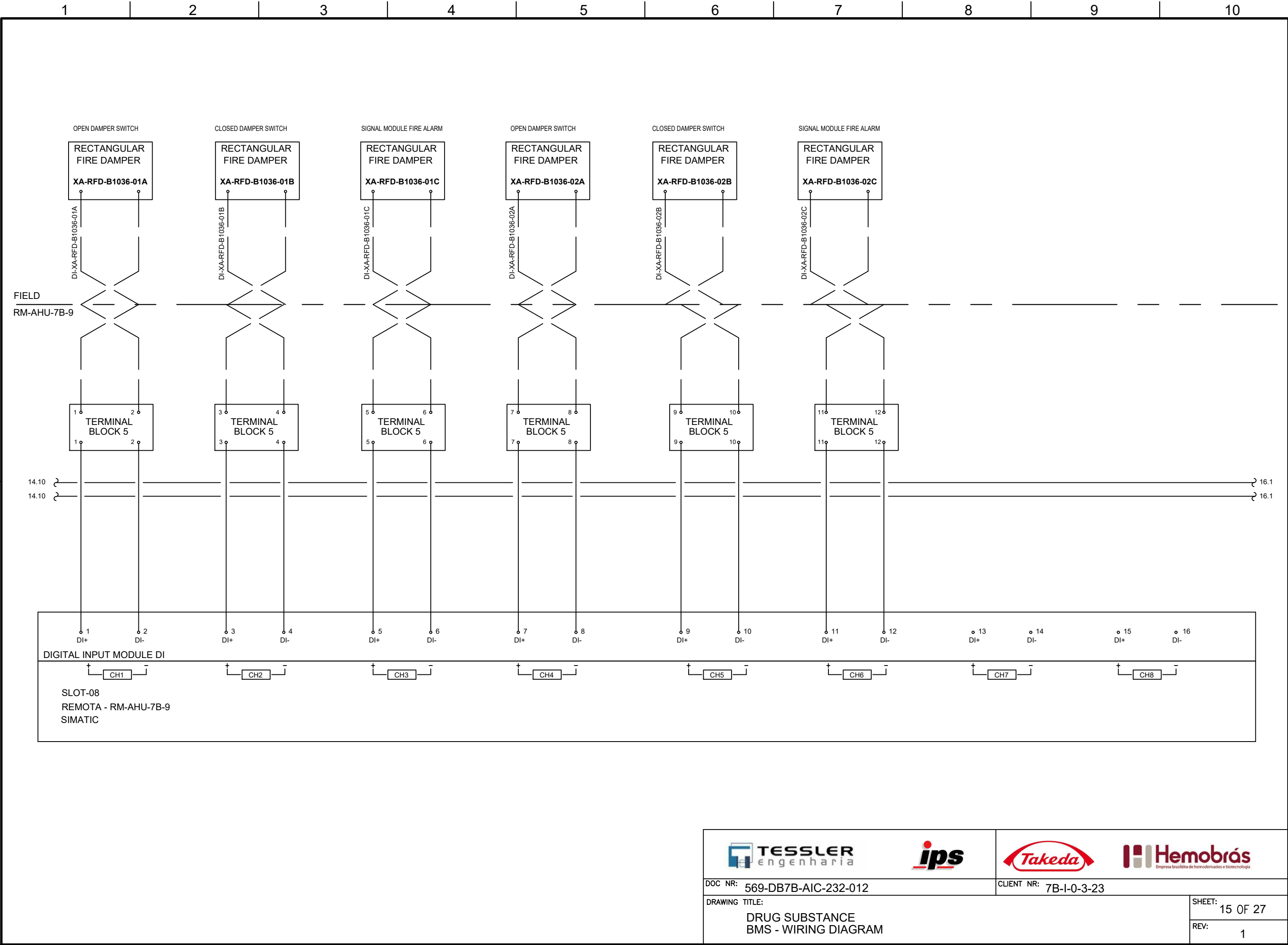
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SHEET:
11 OF 27

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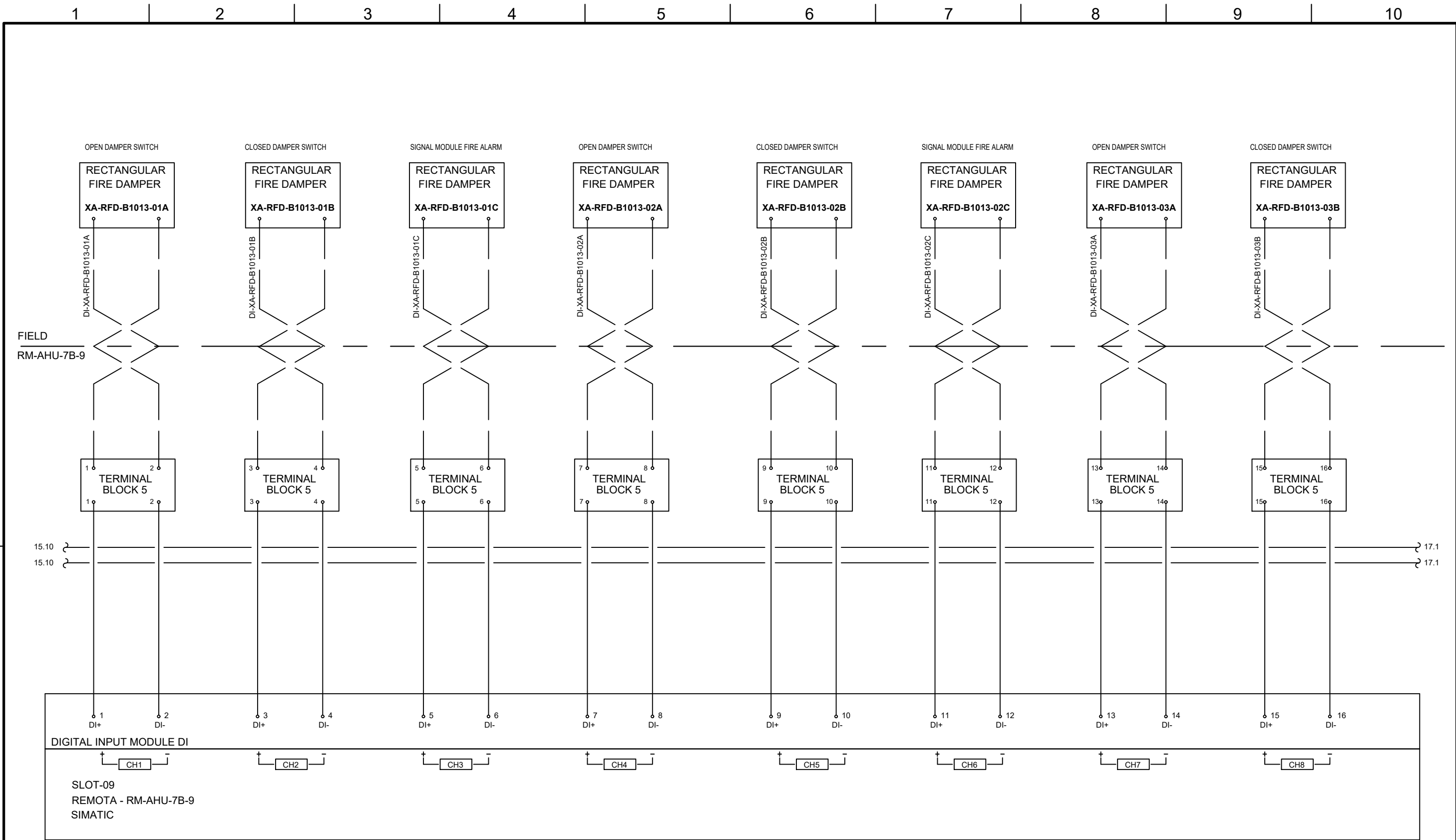
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SHEET: 15 OF 27

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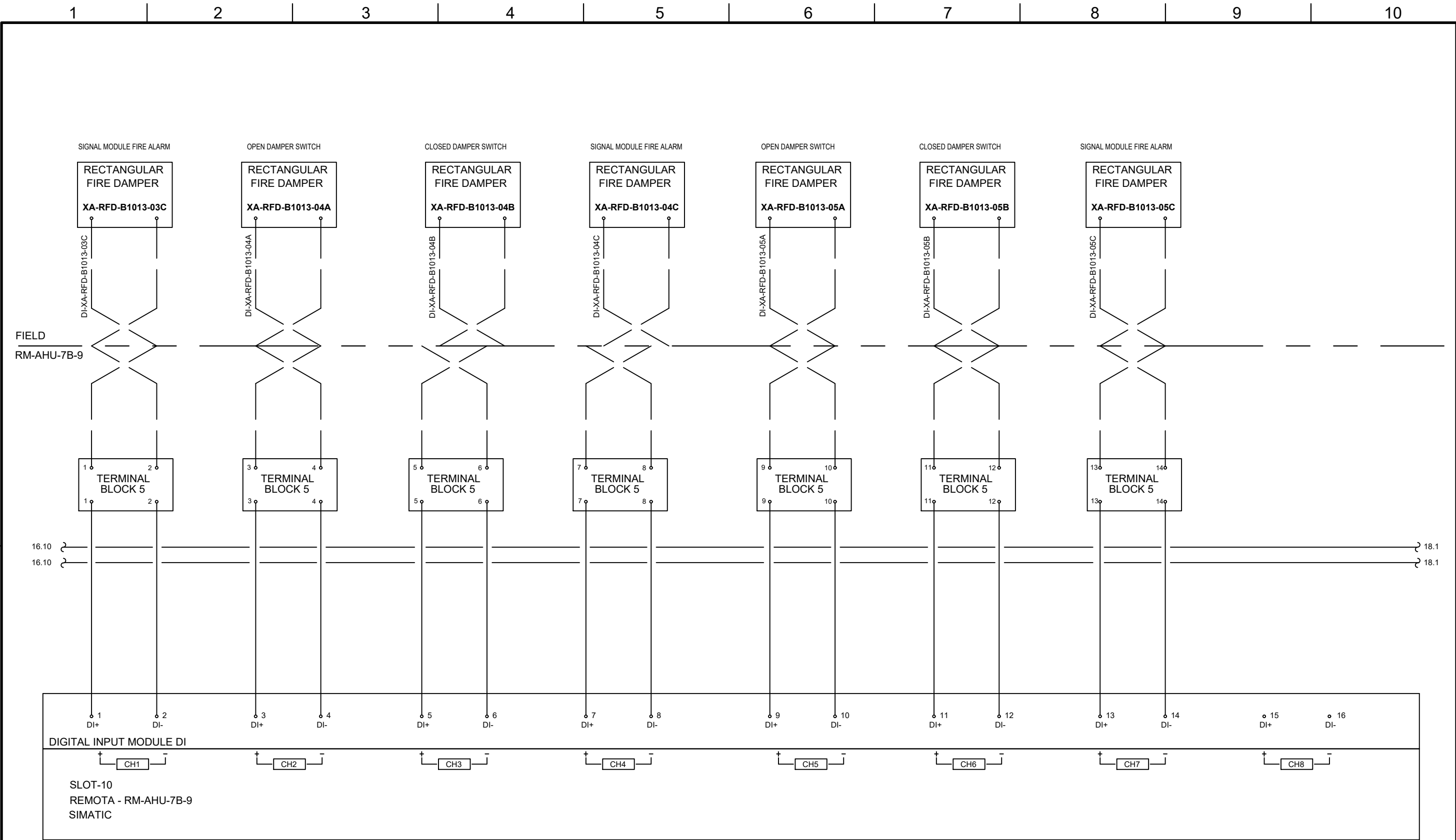
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DRUG SUBSTANCE
BMS - WIRING DIAGRAM

SHEET: 16 OF 27

REV: 1



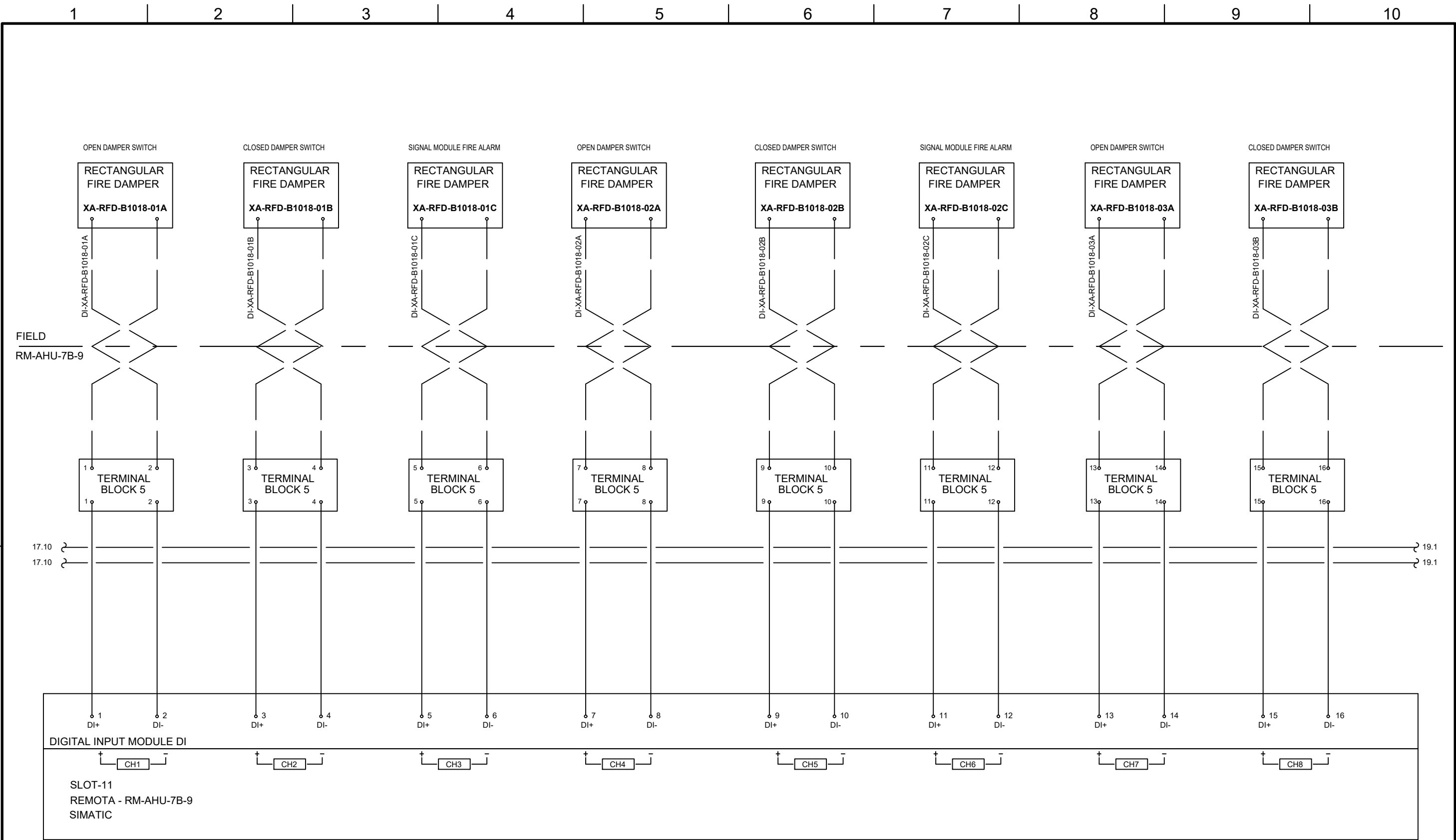
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BMS - WIRING DIAGRAM

SHEET: 17 OF 27

REV: 1

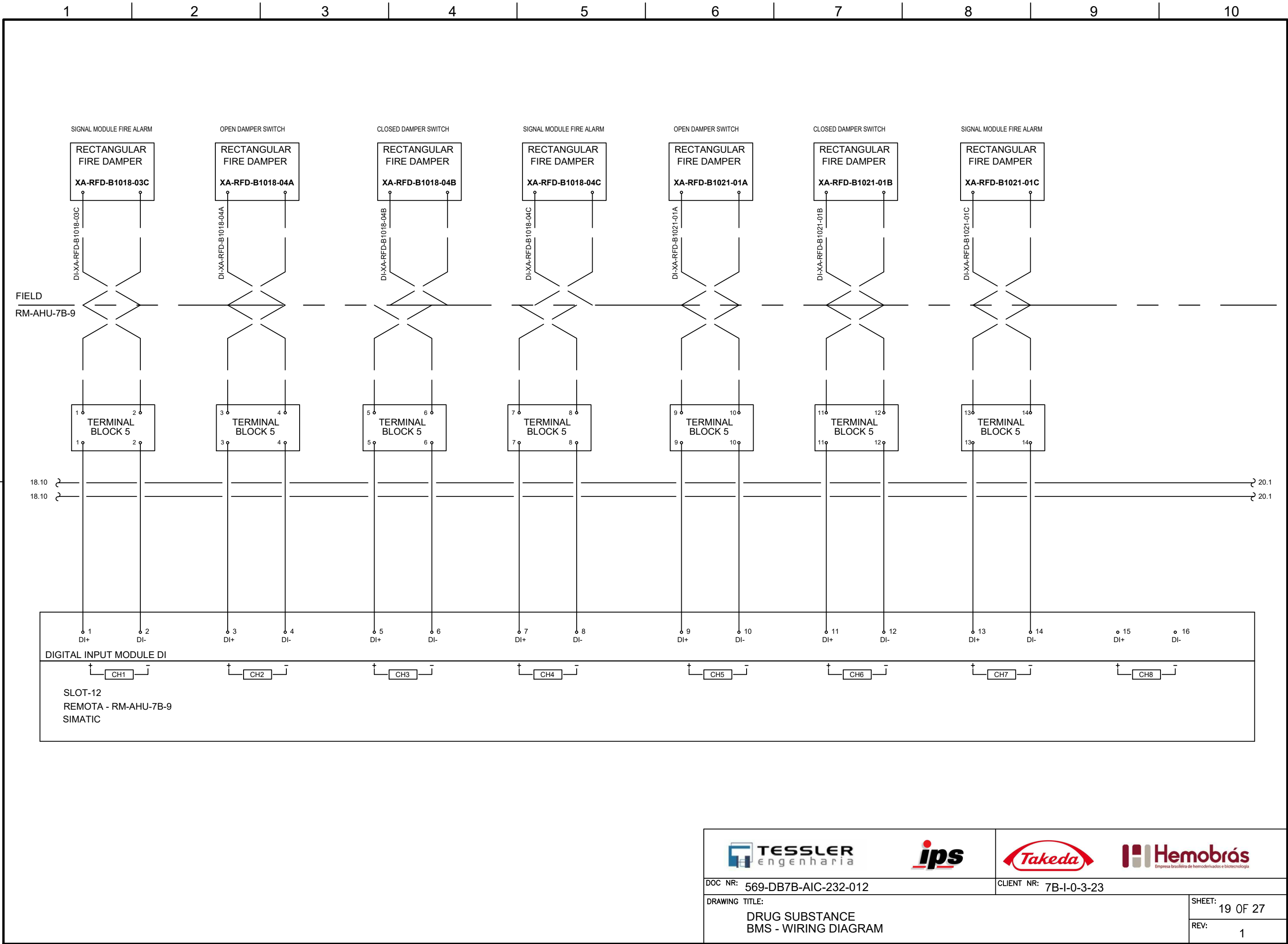


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DRUG SUBSTANCE
BMS - WIRING DIAGRAM

SHEET: 18 OF 27
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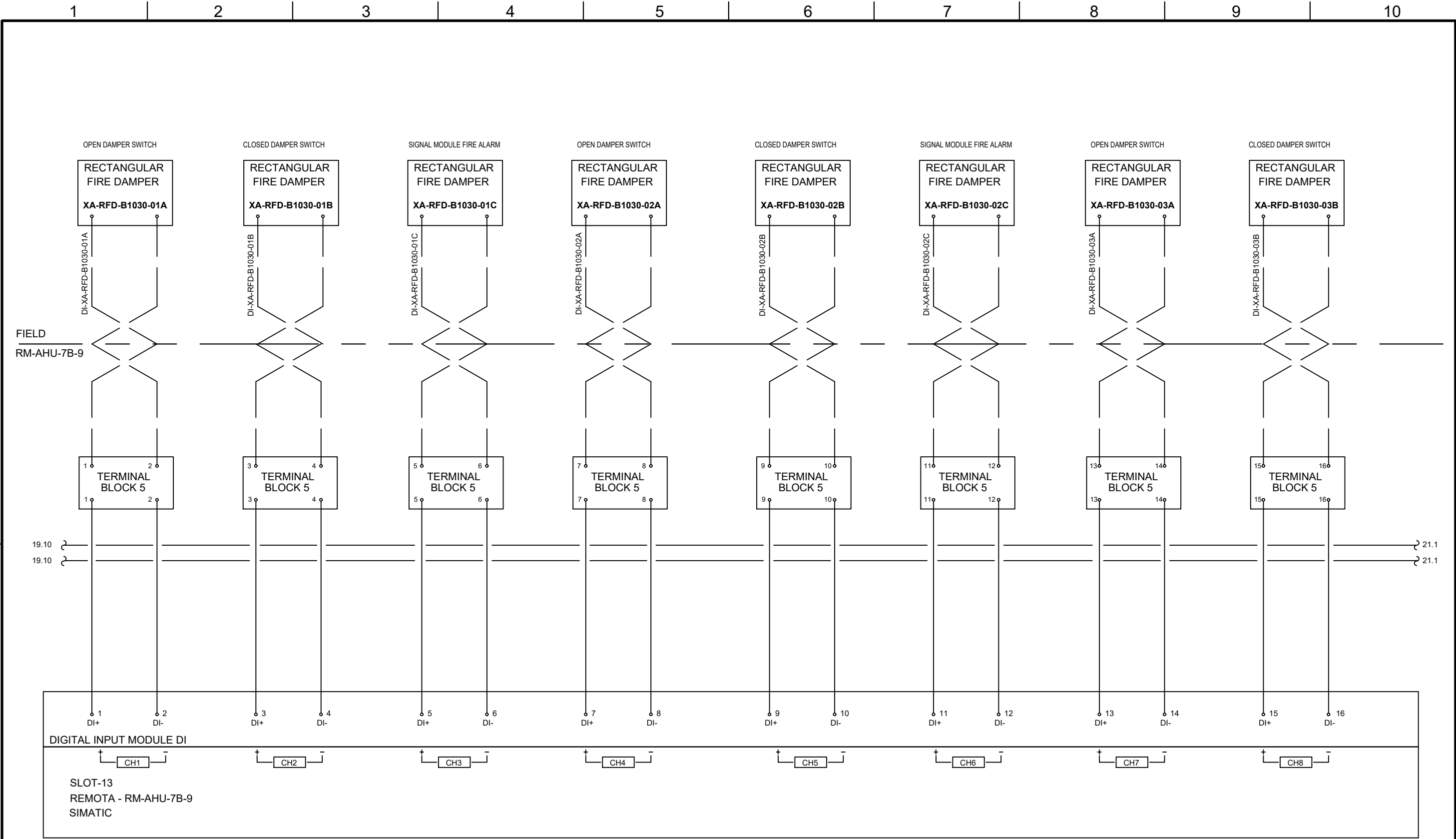
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SHEET: 19 OF 27

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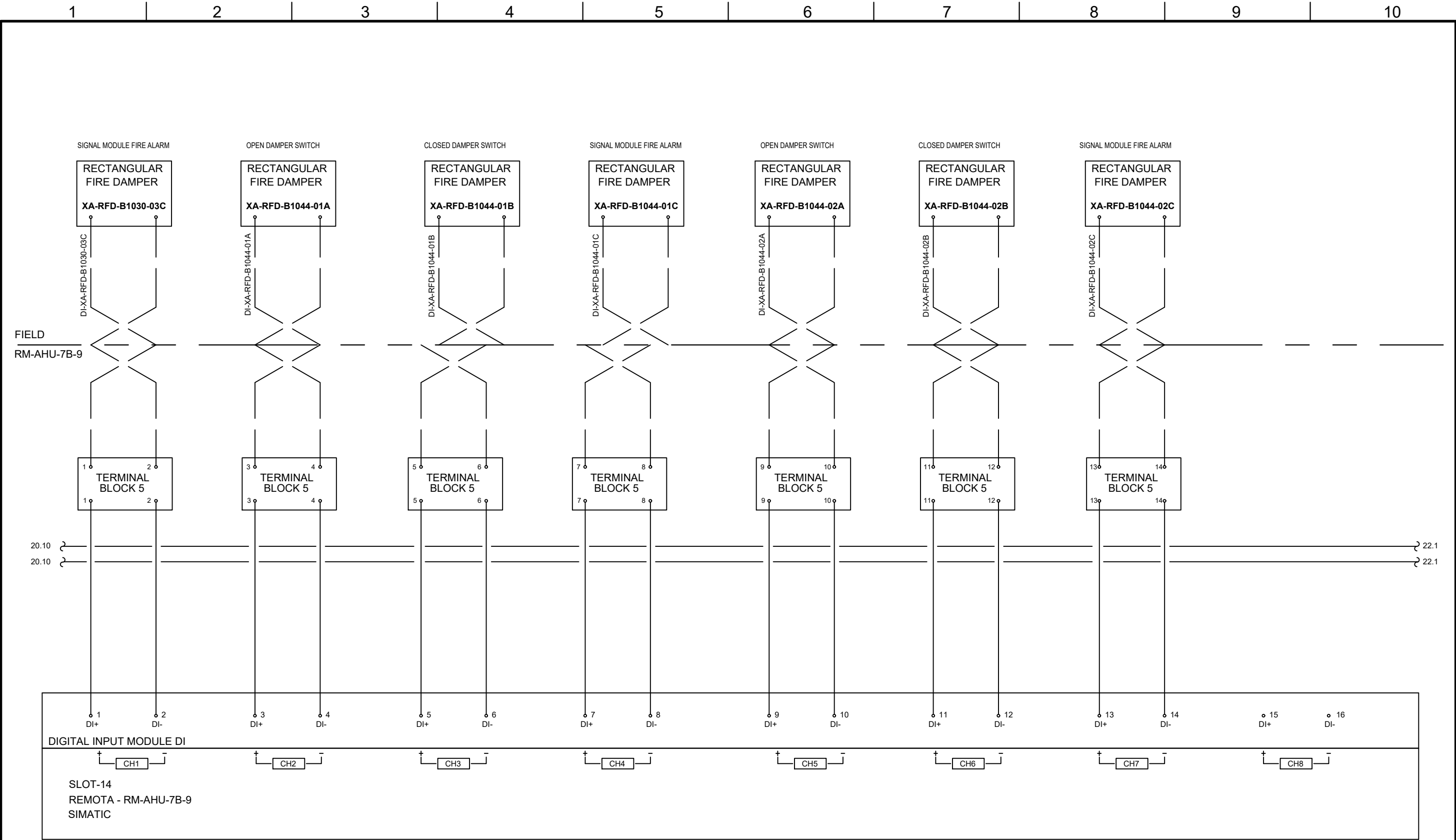
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BMS - WIRING DIAGRAM

SHEET: 20 OF 27

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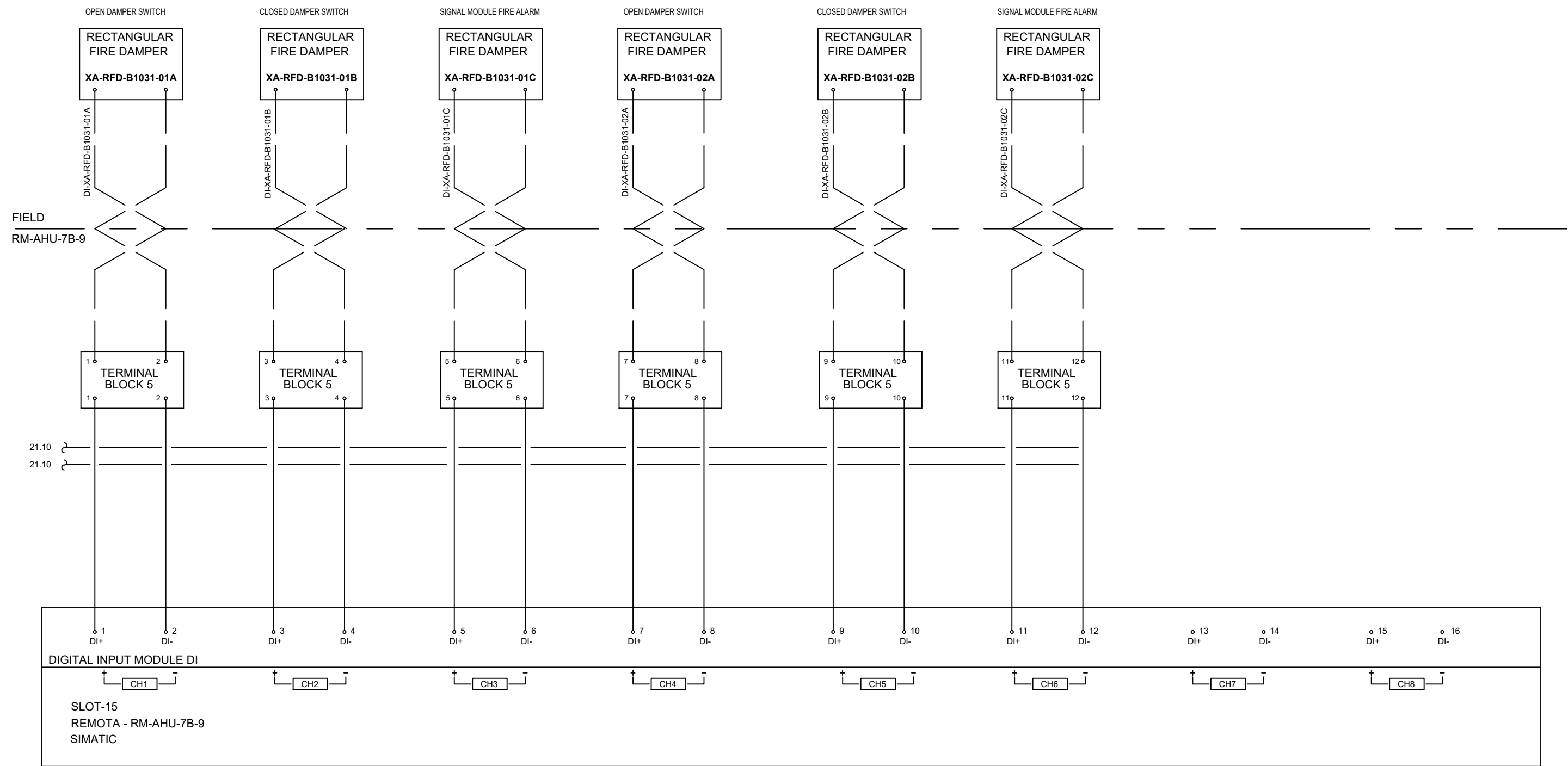
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BMS - WIRING DIAGRAM

SHEET: 21 OF 27

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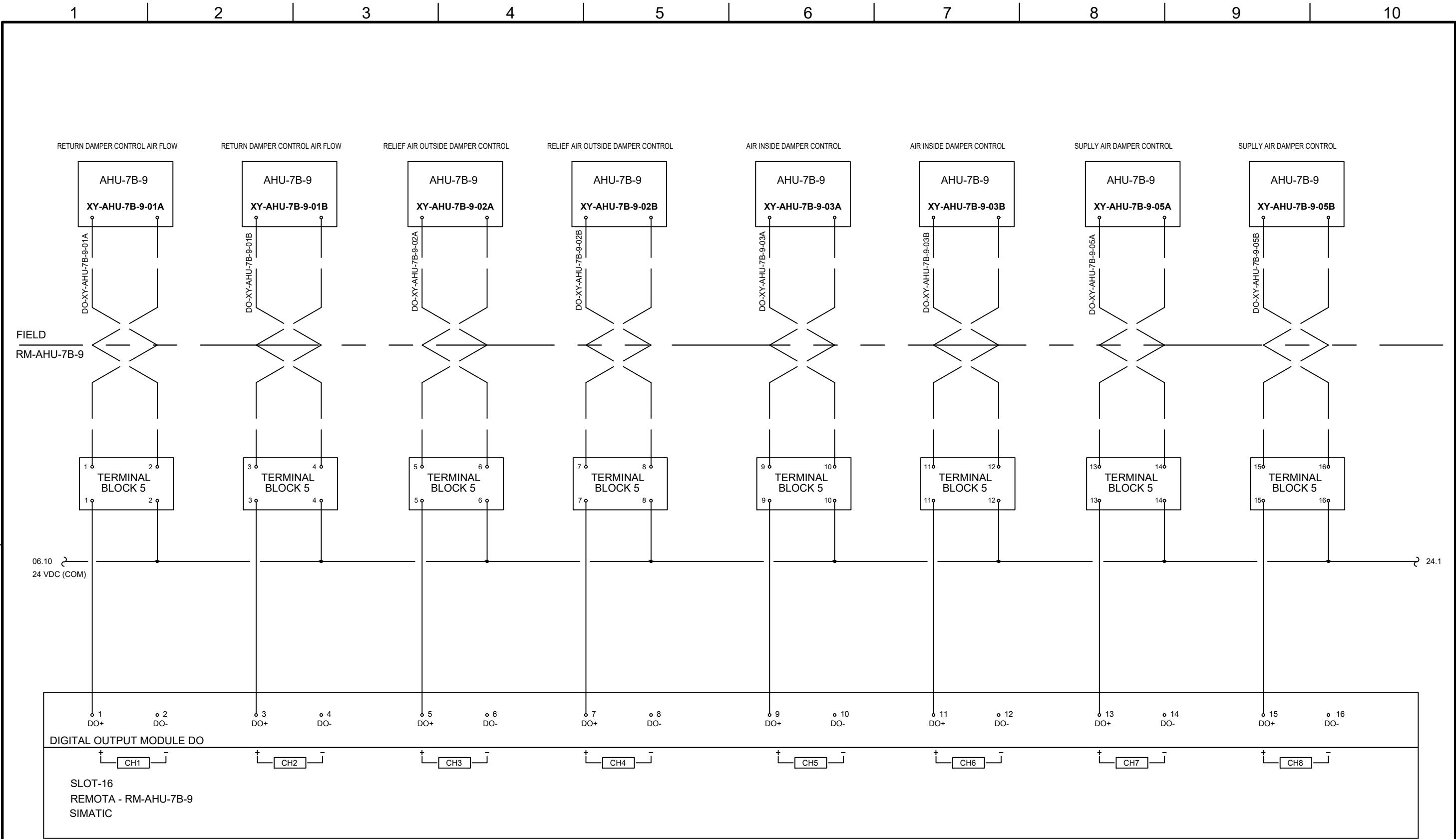
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DRUG SUBSTANCE
BMS - WIRING DIAGRAM

SHEET: 22 OF 27

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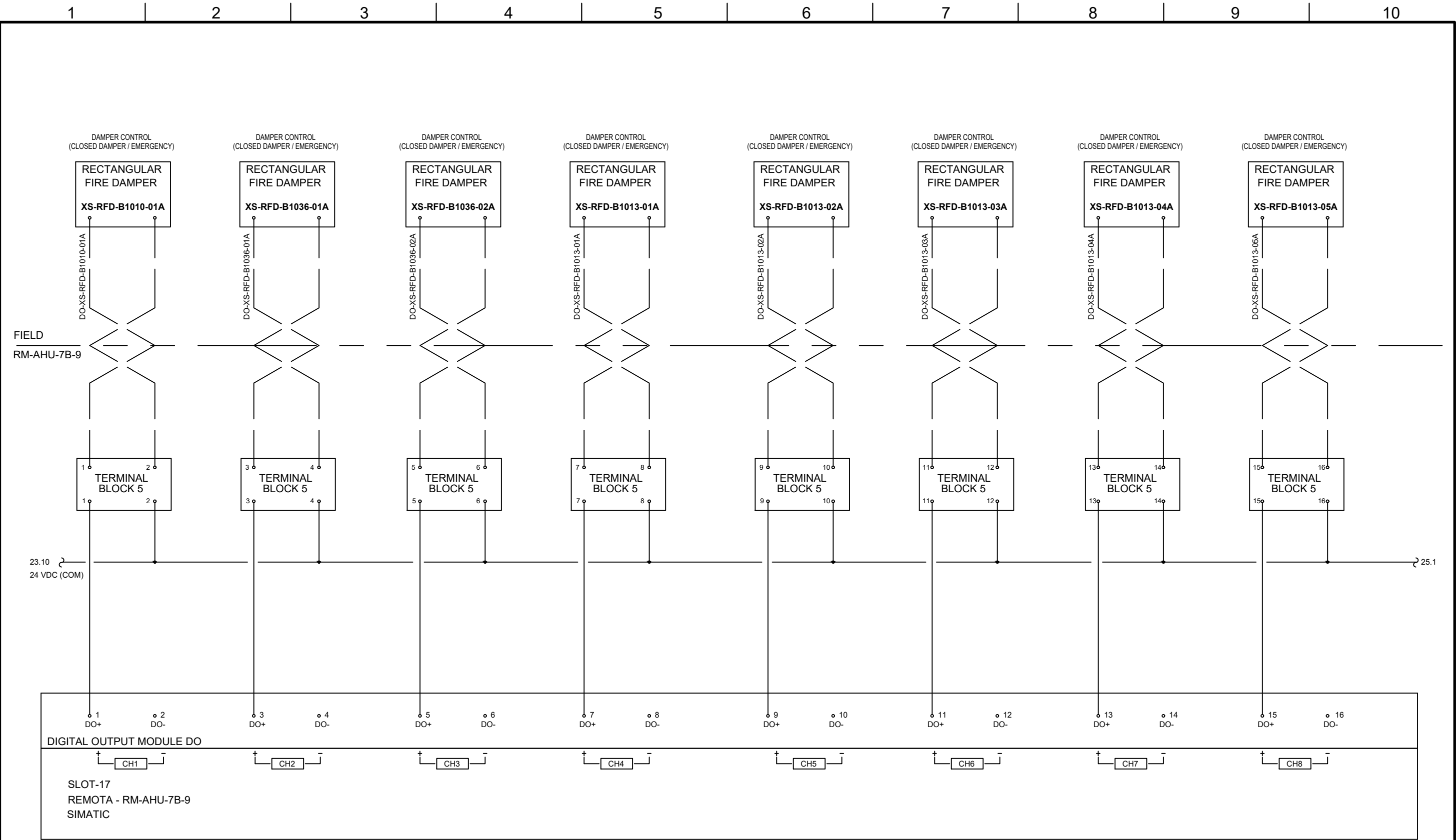
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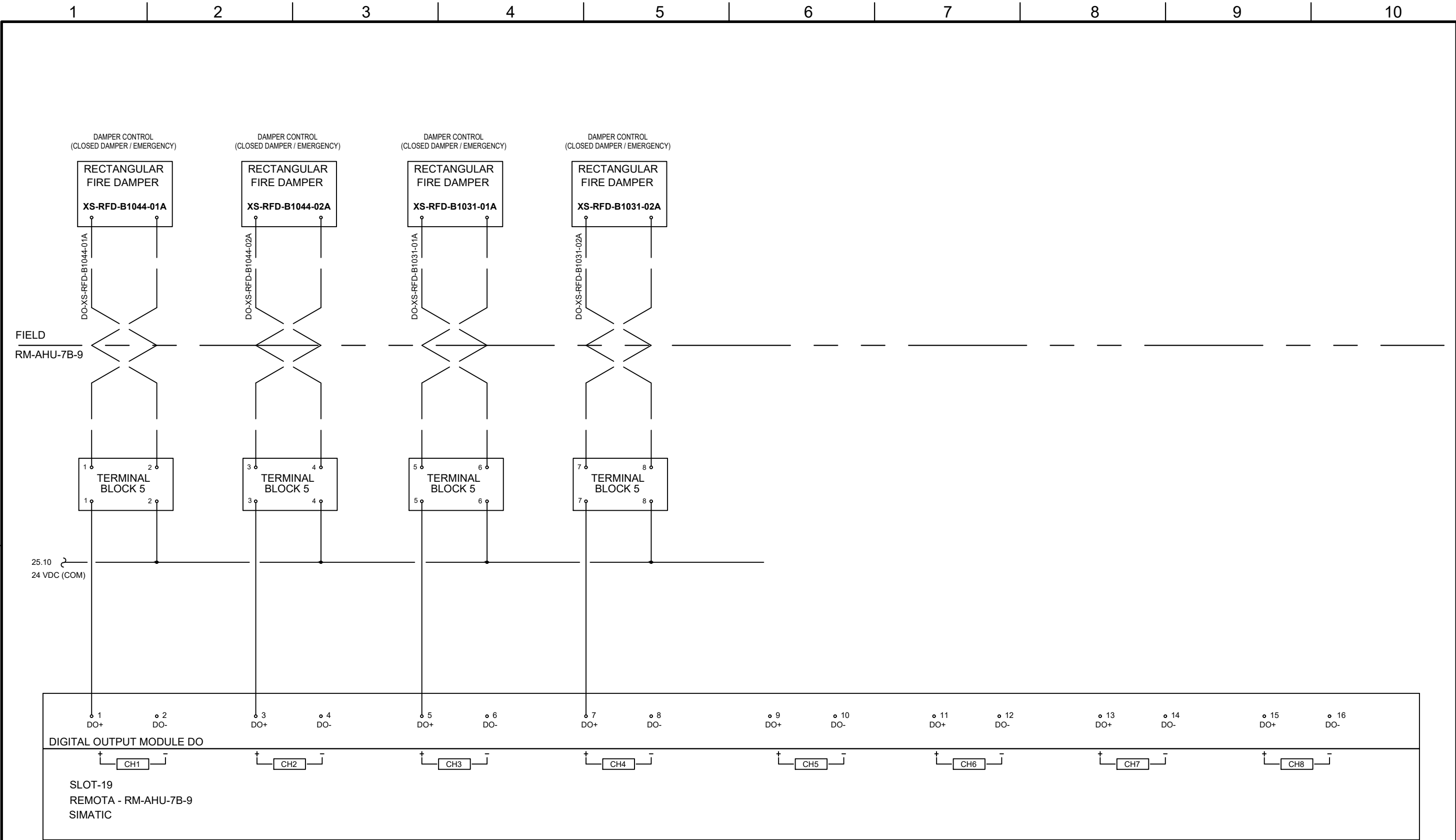
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DRUG SUBSTANCE
BMS - WIRING DIAGRAM

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