

# REMOTE RM-AHU-7A-1

## REFERENCES

1. SEE DRAWING 7A-I-0-7-04 - DRUG PRODUCT - BMS ARCHITECTURE
2. SEE DRAWING 7A-M-0-5-21 - DRUG PRODUCT - AFD - AHU-7A-1

## 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

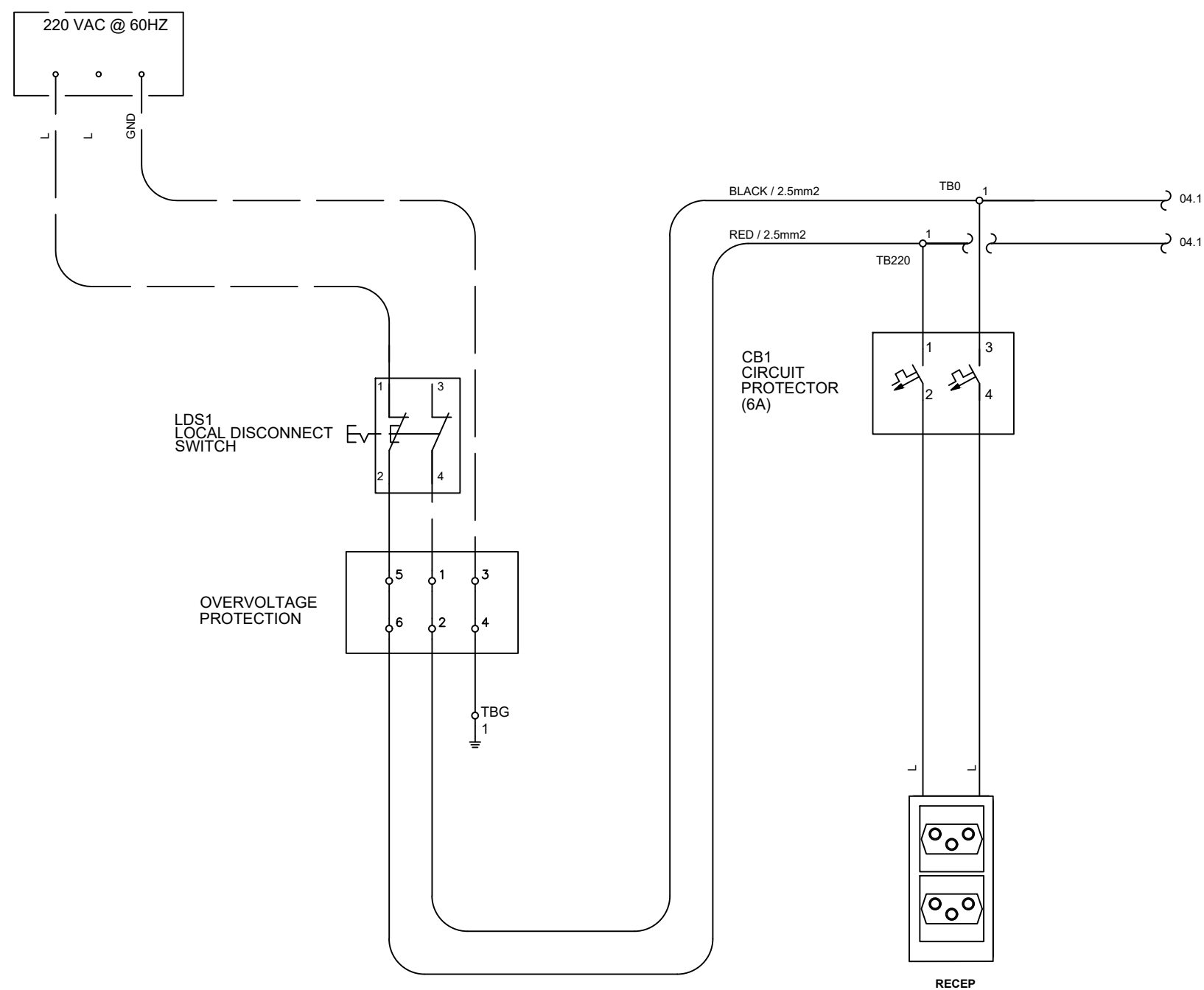
1. ADDED PRESSURE CONTROL IN AHU MIXING BOX.
2. FIXED THE ADDRESSING OF LINES BETWEEN PAGES AND RENUMBERED THE SHEETS.

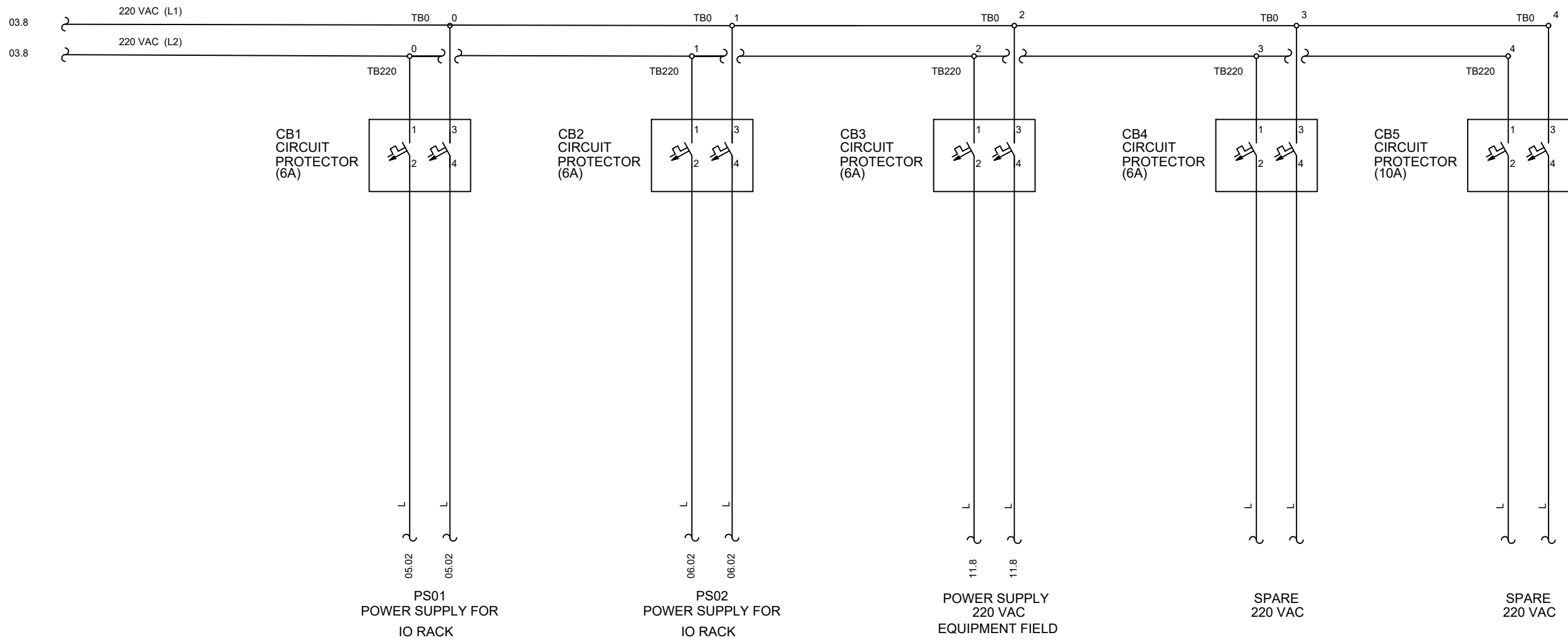
1	02FEB2022	ISSUE FOR CONSTRUCTION CONSIDERING COMMENTS	ACC	MAF	RSP
0	22SET2021	ISSUE FOR CONSTRUCTION	AAS	MAF	RSP
A	17MAY2021	90% DD ISSUE	AAS	MAF	RSP
	DATE	DESCRIPTION	DRAWING BY	ENGINEER	REVIEWED

 <b>TESSLER</b> engenharia				
PROJECT TAKEDA / BAXALTA				
CLIENT BURITI EPCMV PROJECT				
DOC NR 569-DB7A-AIC-232-004				
DRAWN BY AAS	REVIEWED MAF	ENGINEER RSP	SCALE -	DATE 22SET2021

		 Empresa brasileira de hemoderivados e biotecnologia	
DRAWING TITLE			
DRUG PRODUCT BMS - WIRING DIAGRAM			
CLIENT NR.			REV.
7A-I-0-3-16			1







GR100.00 GREEN / YELLOW  
FRAME



DOC NR: 569-DB7A-AIC-232-004

CLIENT NR: 7A-I-0-3-16

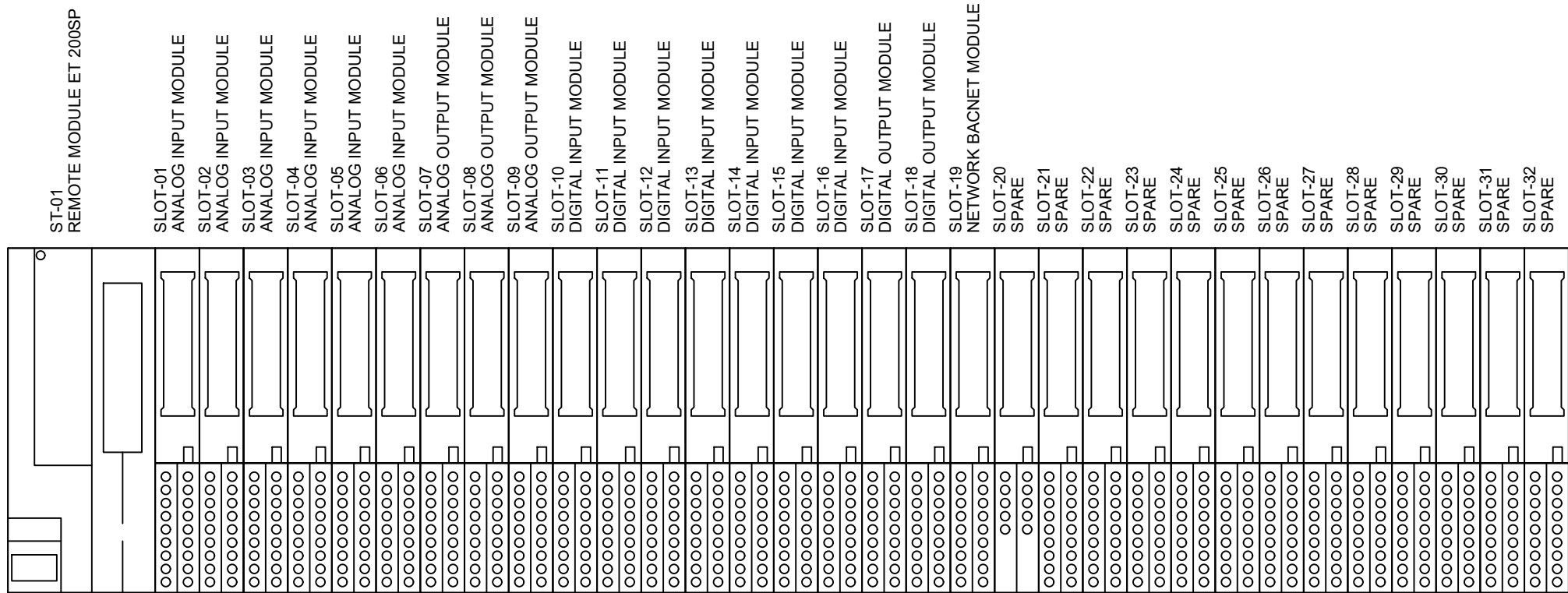
DRAWING TITLE:  
DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET:  
04 OF 26

REV:  
1

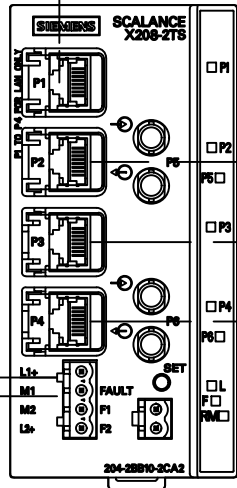






PROFINET

SW-AHU-7A-1  
MANAGED  
ETHERNET SWITCH



PROFINET VFD's

SW-AHU-7A-1			
PORT	SIGNAL TO	TAG	SERVICE
1	VFD	SC-AHU-7A-1-001	MOTOR SPEED CONTROL
2	VFD	SC-AHU-7A-1-002	MOTOR SPEED CONTROL
3	VFD	SC-EF-7A-1-01A	MOTOR SPEED CONTROL
4	VFD	SC-EF-7A-1-01B	MOTOR SPEED CONTROL
5	VFD	SC-EF-7A-1-01C	MOTOR SPEED CONTROL
6	-	-	-
7	-	-	-
8	-	-	-

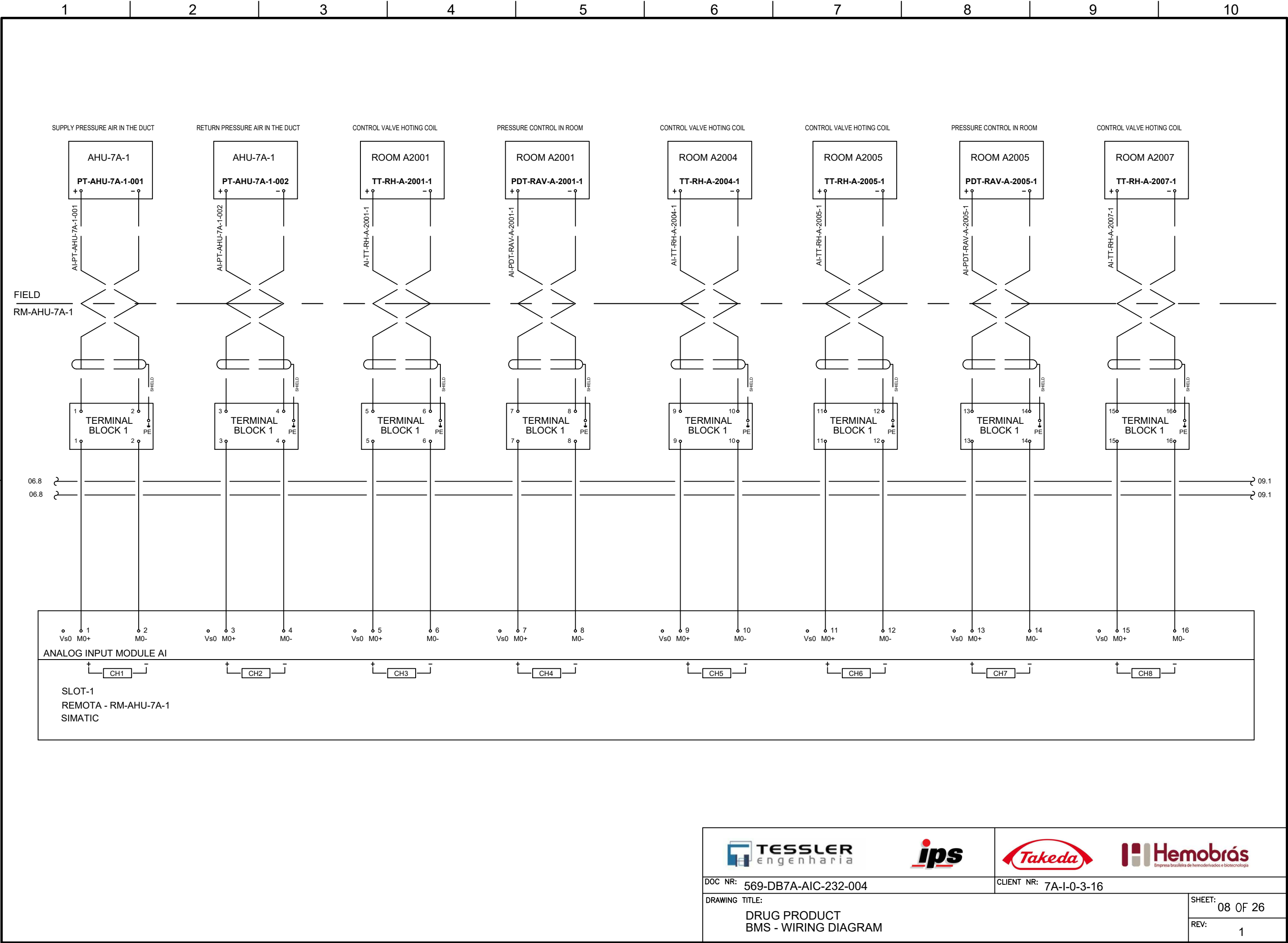


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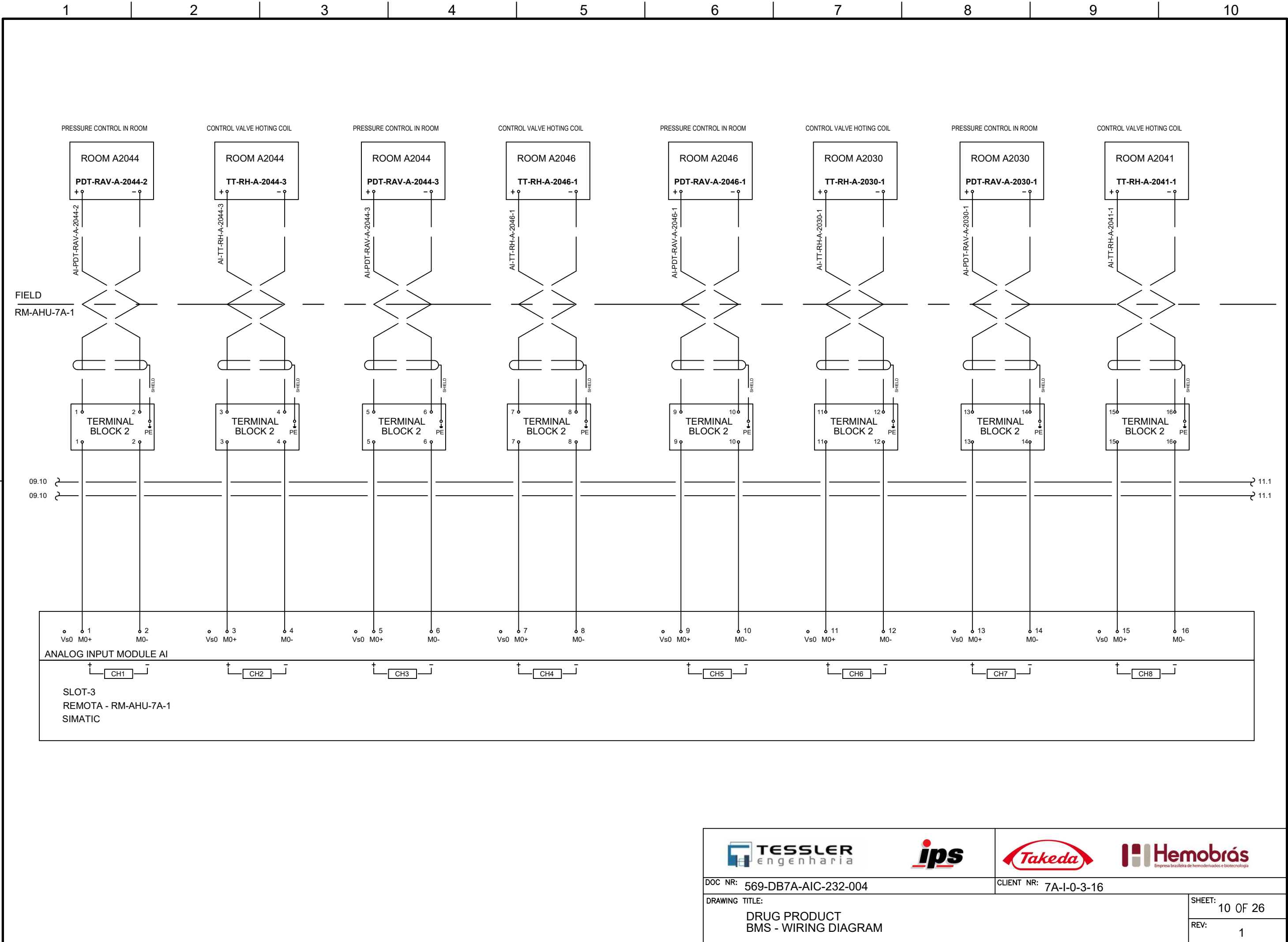
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DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET:  
07 OF 26  
REV:  
1









ROOM A2046

TT-RH-A-2046-1

+

-

AI-TT-RH-A-2046-1

7

8

7

8

7

8

7

8

1

2

1

2

09.10

09.10

ROOM A2046

PDT-RAV-A-2046-1

+

-

AI-PDT-RAV-A-2046-1

9

10

9

10

9

10

9

10

1

2

1

2

09.10

09.10

ROOM A2030

TT-RH-A-2030-1

+

-

AI-TT-RH-A-2030-1

11

12

11

12

11

12

11

12

1

2

1

2

09.10

09.10

ROOM A2030

PDT-RAV-A-2030-1

+

-

AI-PDT-RAV-A-2030-1

13

14

13

14

13

14

13

14

1

2

1

2

09.10

09.10

ROOM A2041

TT-RH-A-2041-1

+

-

AI-TT-RH-A-2041-1

15

16

15

16

15

16

15

16

1

2

1

2

09.10

09.10

09.10

09.10

11.1

11.1

1

2

1

2

Vs0

M0+

M0-

ANALOG INPUT MODULE AI

CH1

CH2

CH3

CH4

CH5

CH6

CH7

CH8

SLOT-3

REMOTA - RM-AHU-7A-1

SIMATIC

3

4

3

4

Vs0

M0+

M0-

5

6

5

6

Vs0

M0+

M0-

7

8

7

8

Vs0

M0+

M0-

9

10

9

10

Vs0

M0+

M0-

11

12

11

12

Vs0

M0+

M0-

13

14

13

14

Vs0

M0+

M0-

15

16

15

16

Vs0

M0+

M0-

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CLIENT NR: 7A-I-0-3-16

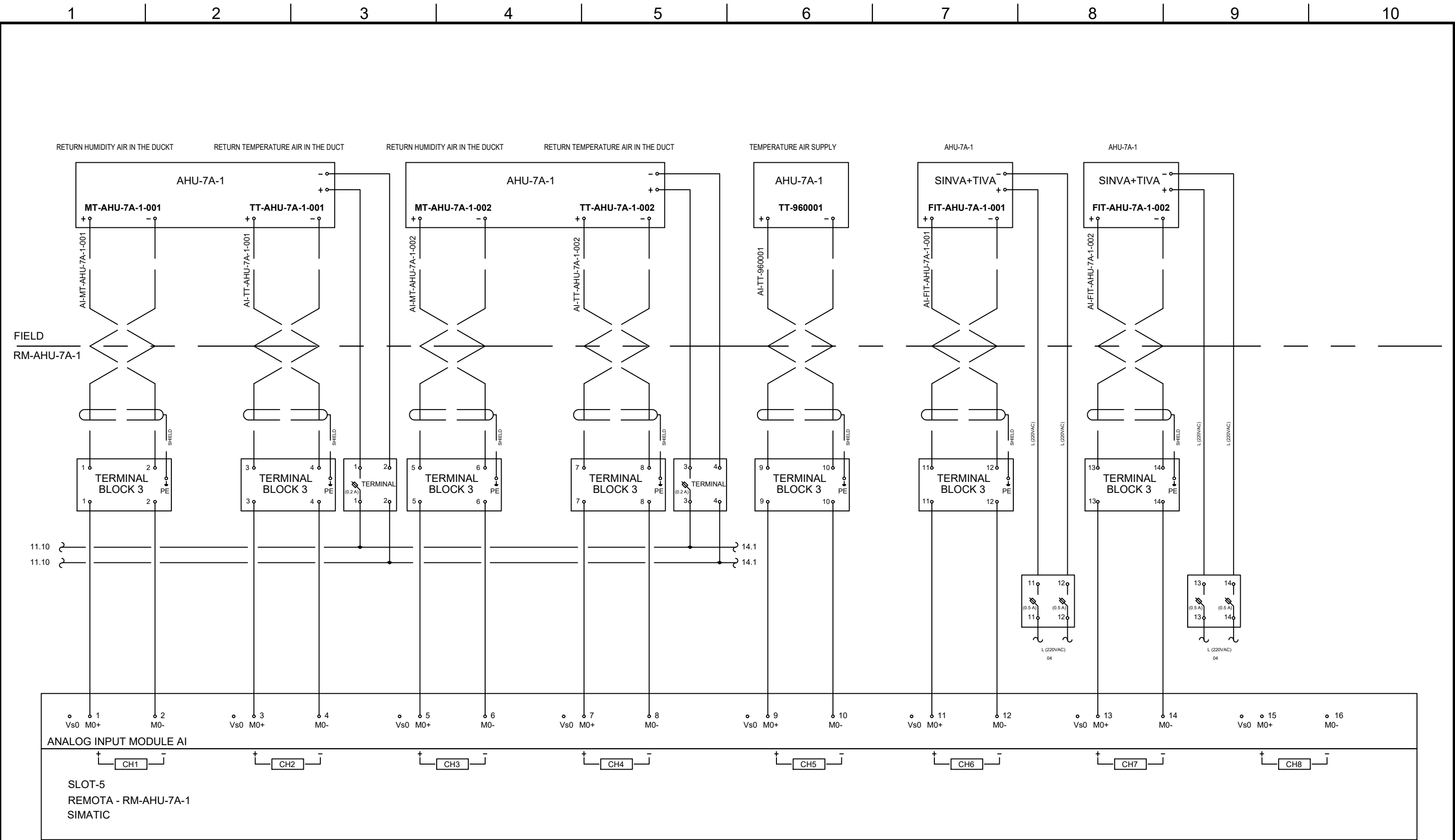
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DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET: 10 OF 26

REV: 1





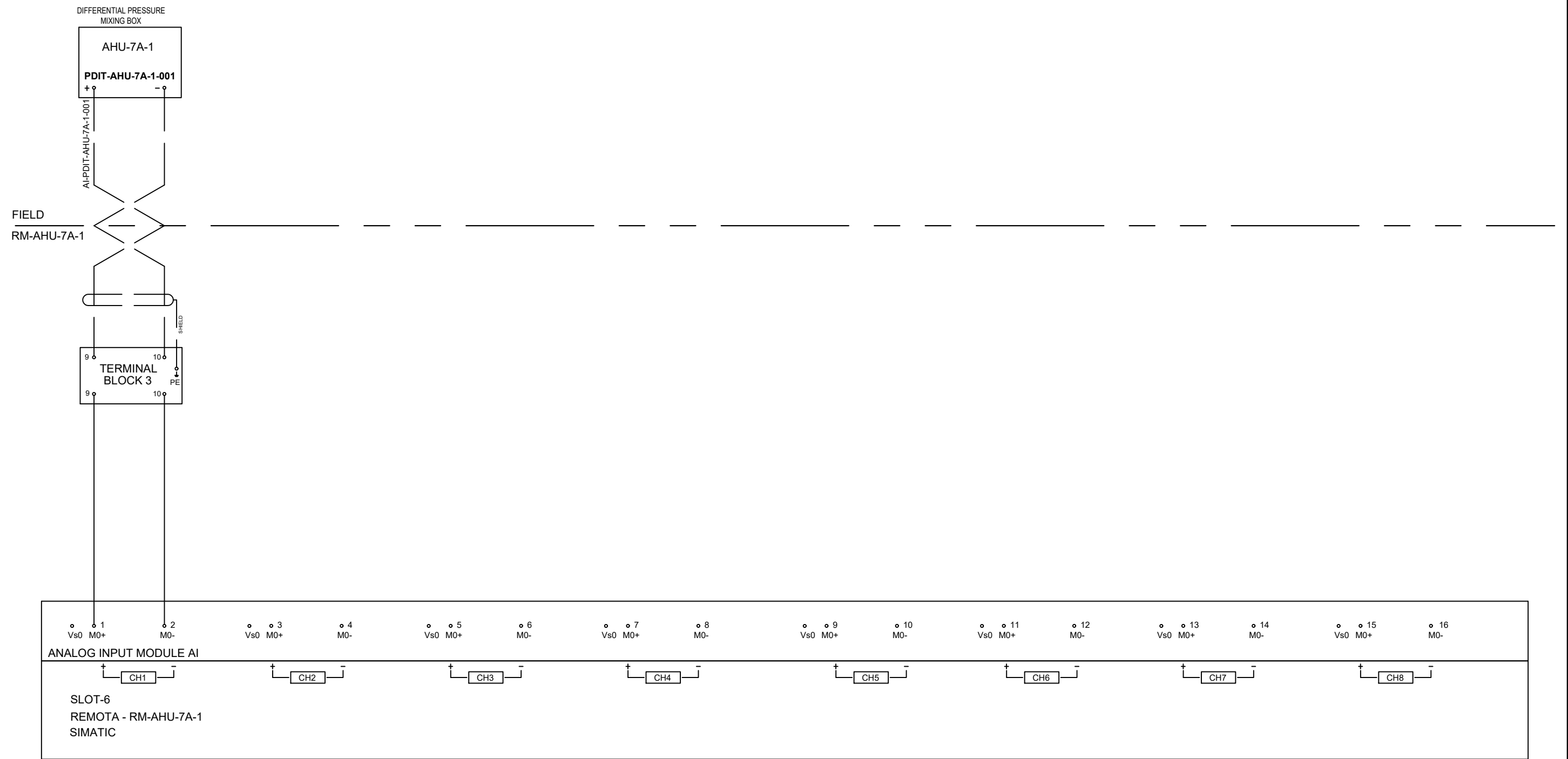
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DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET: 12 OF 26

REV: 1



DOC NR: 569-DB7A-AIC-232-004

CLIENT NR: 7A-I-0-3-16

DRAWING TITLE:

DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET: 13 OF 26

REV: 1





1

2

3

4

5

6

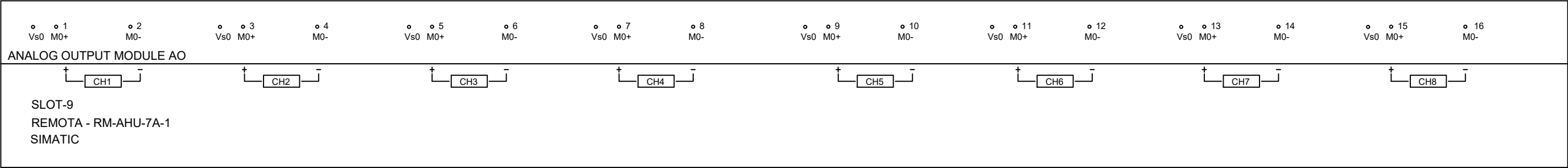
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8

9

10

FIELD  
RM-AHU-7A-1



DOC NR: 569-DB7A-AIC-232-004

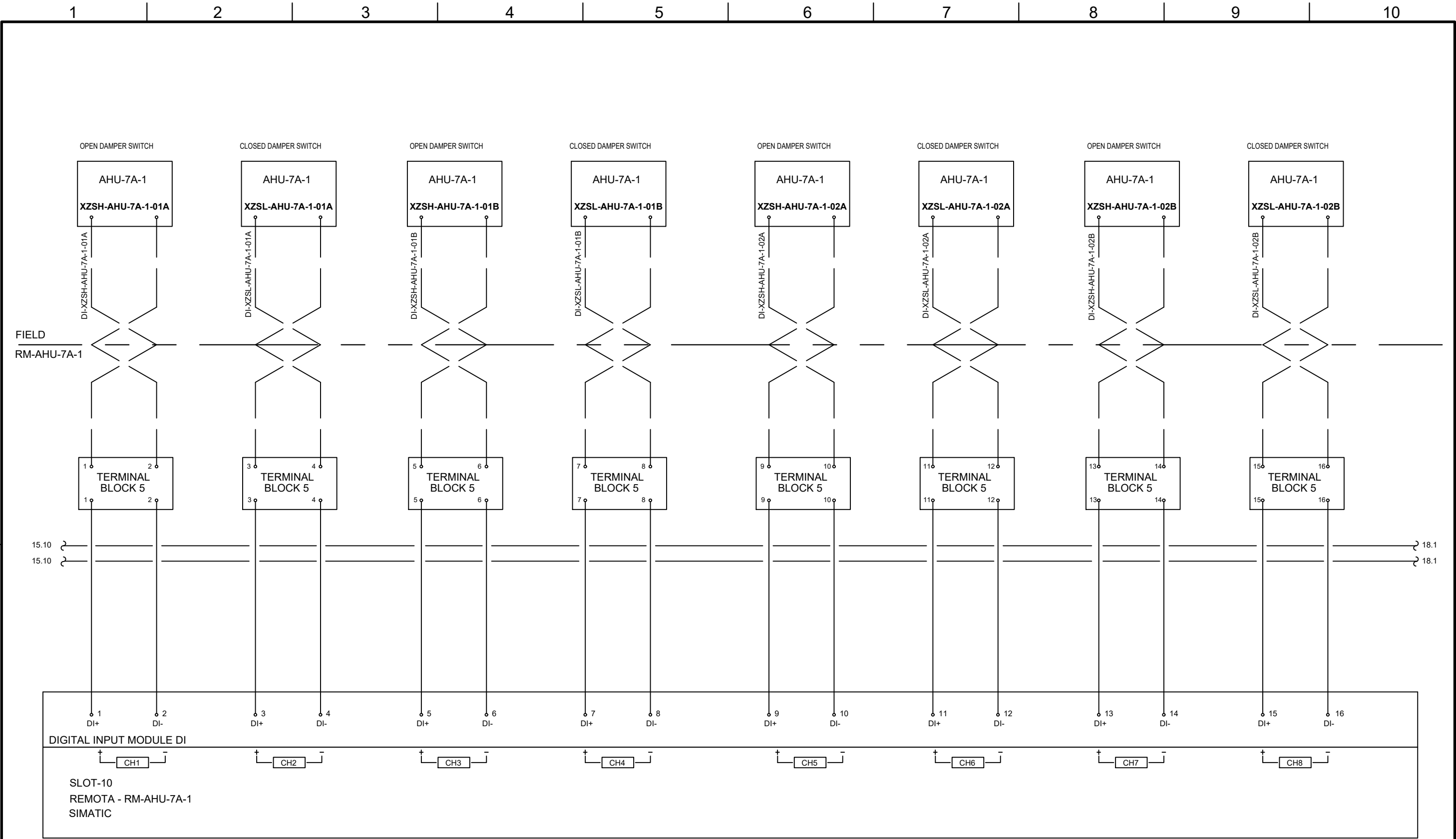
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DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET: 16 OF 26

REV: 1





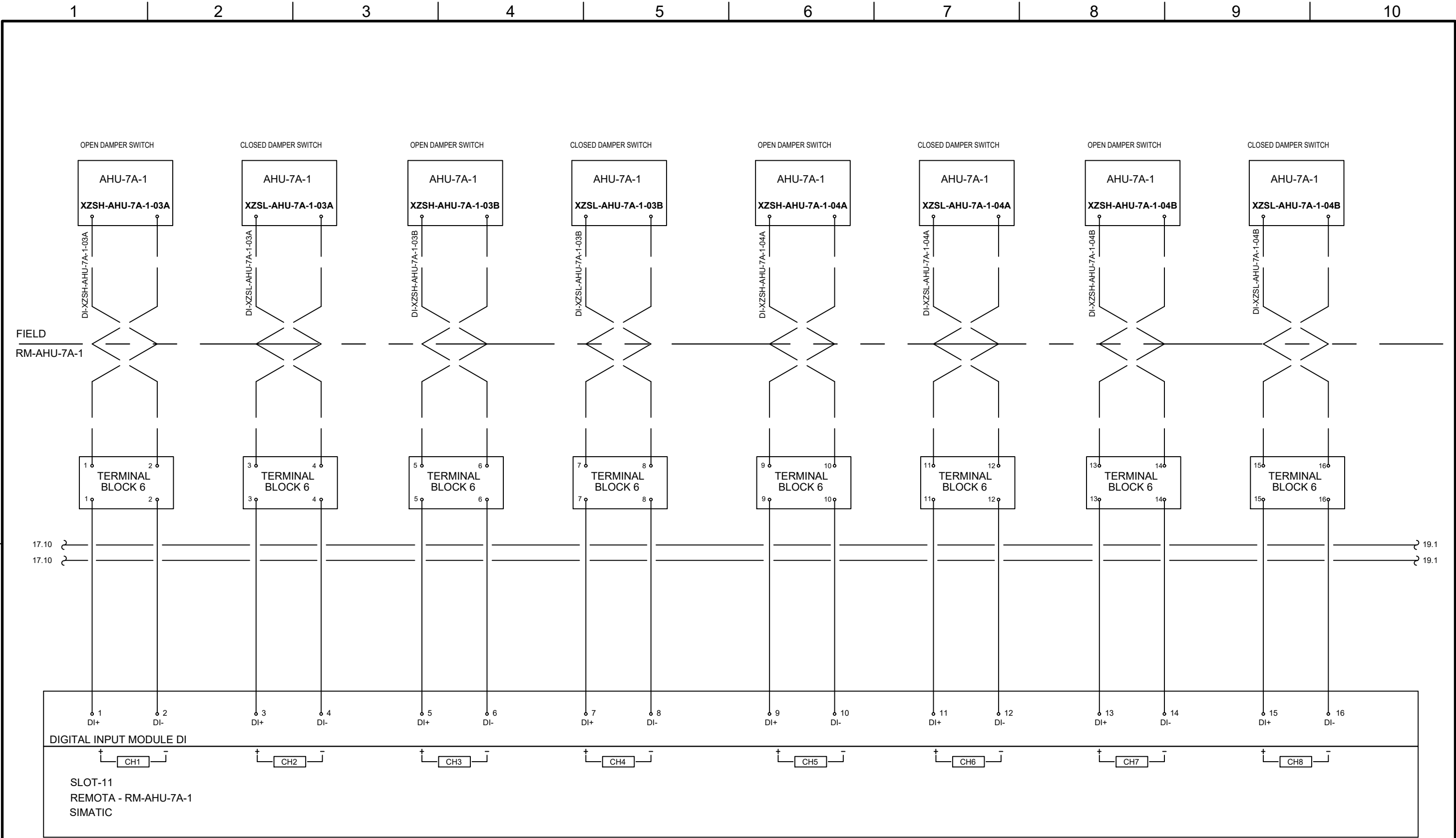
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DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET: 17 OF 26

REV: 1



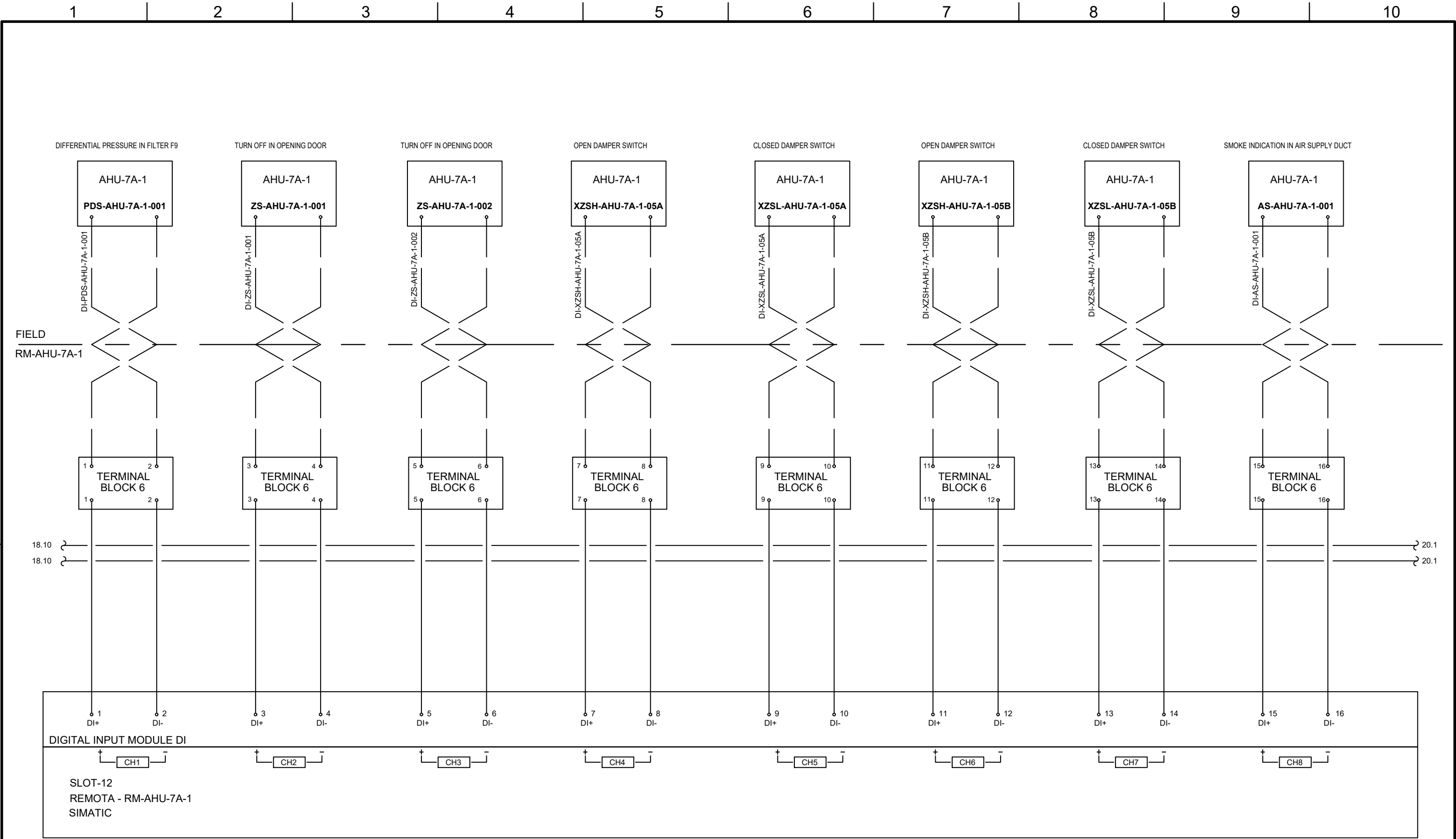
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DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET: 18 OF 26

REV: 1



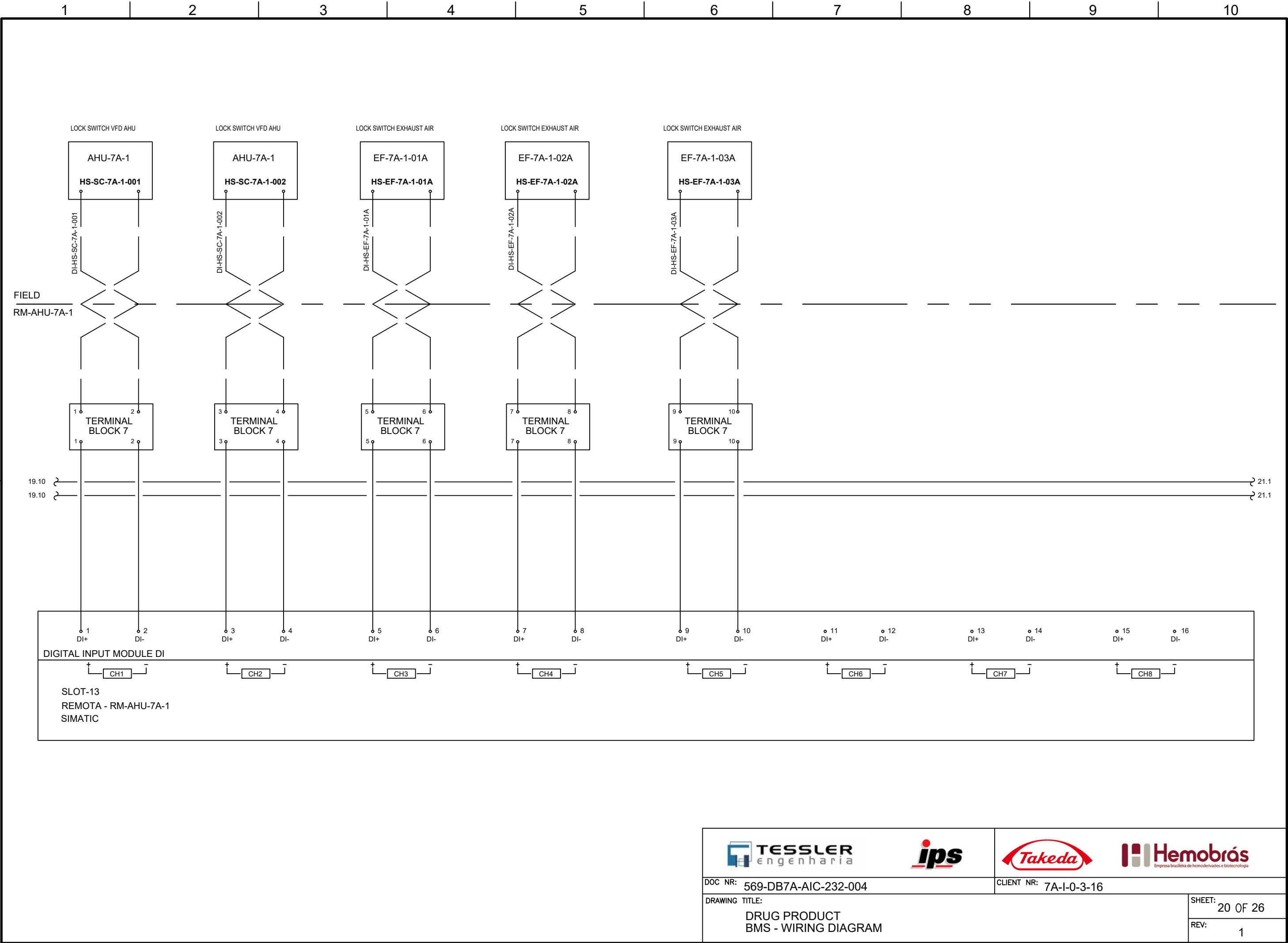
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DRAWING TITLE:  
DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET: 19 OF 26

REV: 1



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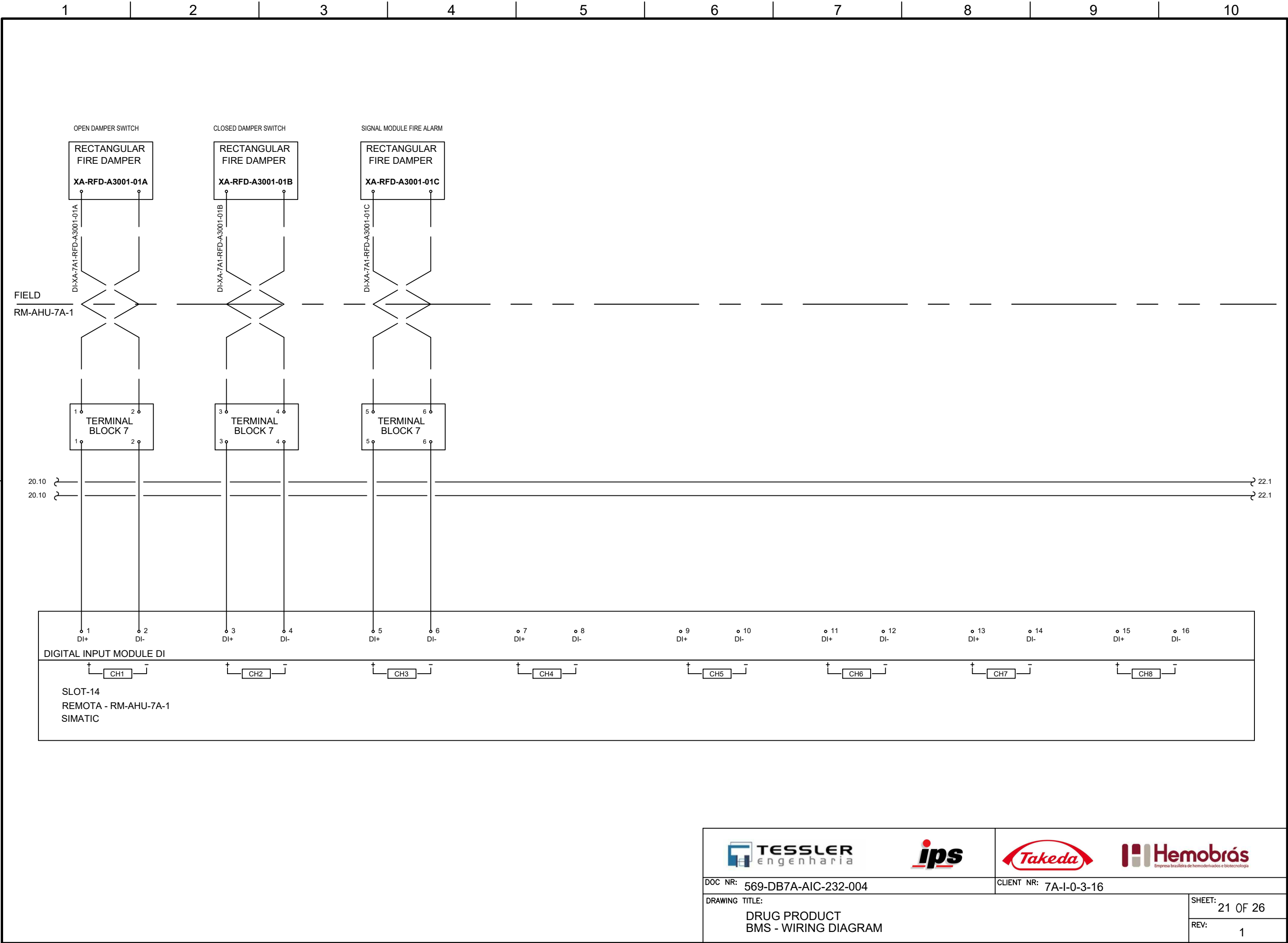
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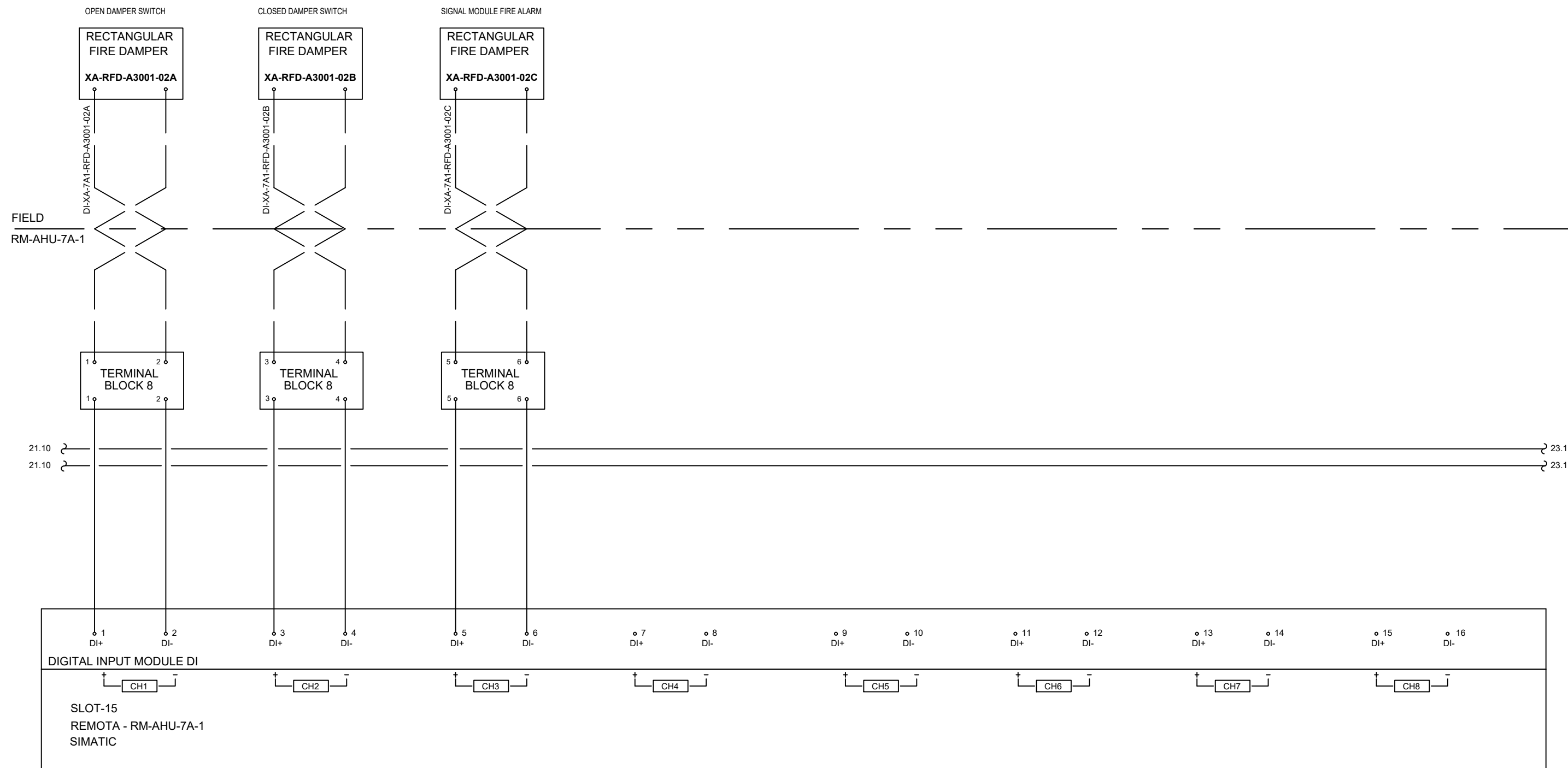
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SHEET: 20 OF 26

REV: 1





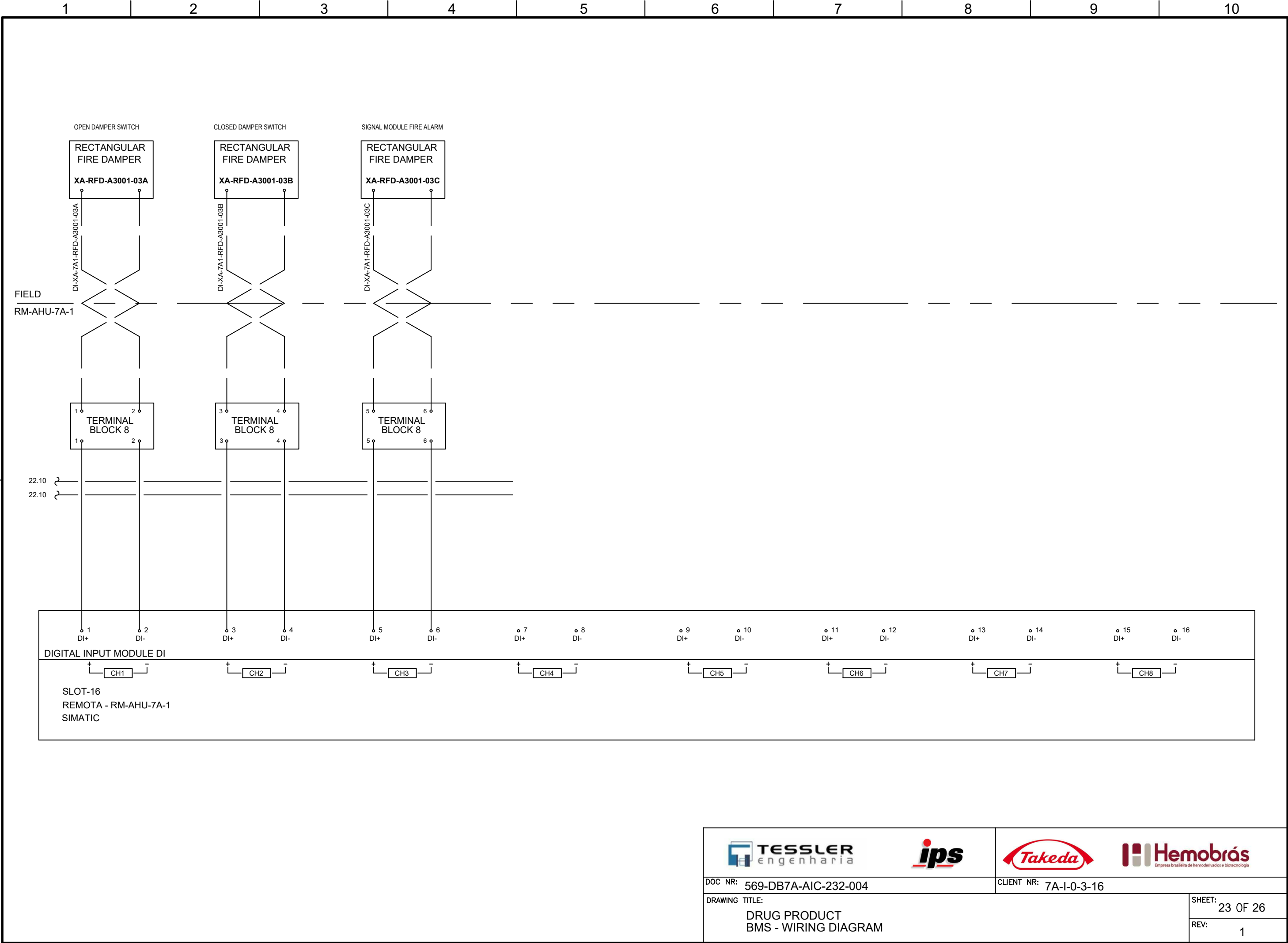
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CLIENT NR: 7A-I-0-3-16

DRAWING TITLE:  
DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET: 22 OF 26

REV: 1



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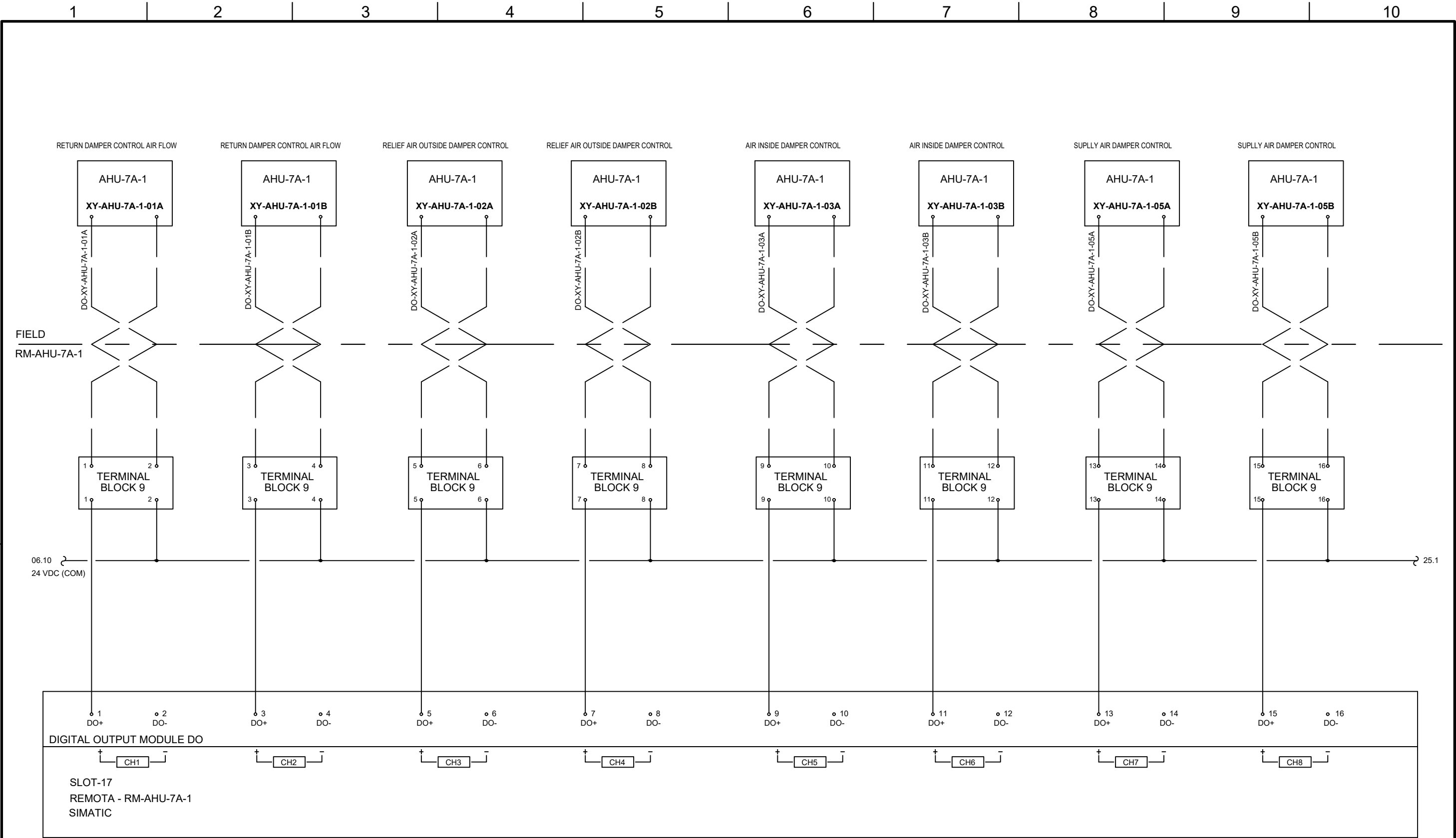
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DRAWING TITLE:  
DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET:  
23 OF 26

REV:  
1



DOC NR: 569-DB7A-AIC-232-004

CLIENT NR: 7A-I-0-3-16

DRAWING TITLE:  
DRUG PRODUCT  
BMS - WIRING DIAGRAM

SHEET: 24 OF 26

REV: 1



