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Robotics  
SE-721 68 Västerås  
Sweden

Latest revision:  
ECO 77222, WI 110395  
New



Lab/Office:  
DMRO SE  
PRIM

IRB8700

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DRESS PACK

Status: 2016-01-14

Approved

Document no.

3HAC053524-002

Plant: = SP  
Location: +  
Sublocation: +

Rev. Ind

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Page1


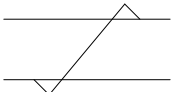
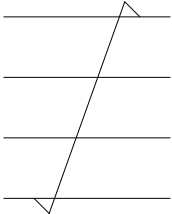
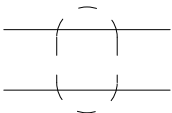
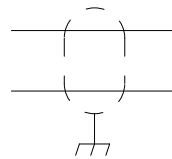
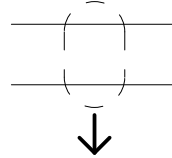

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Total 18

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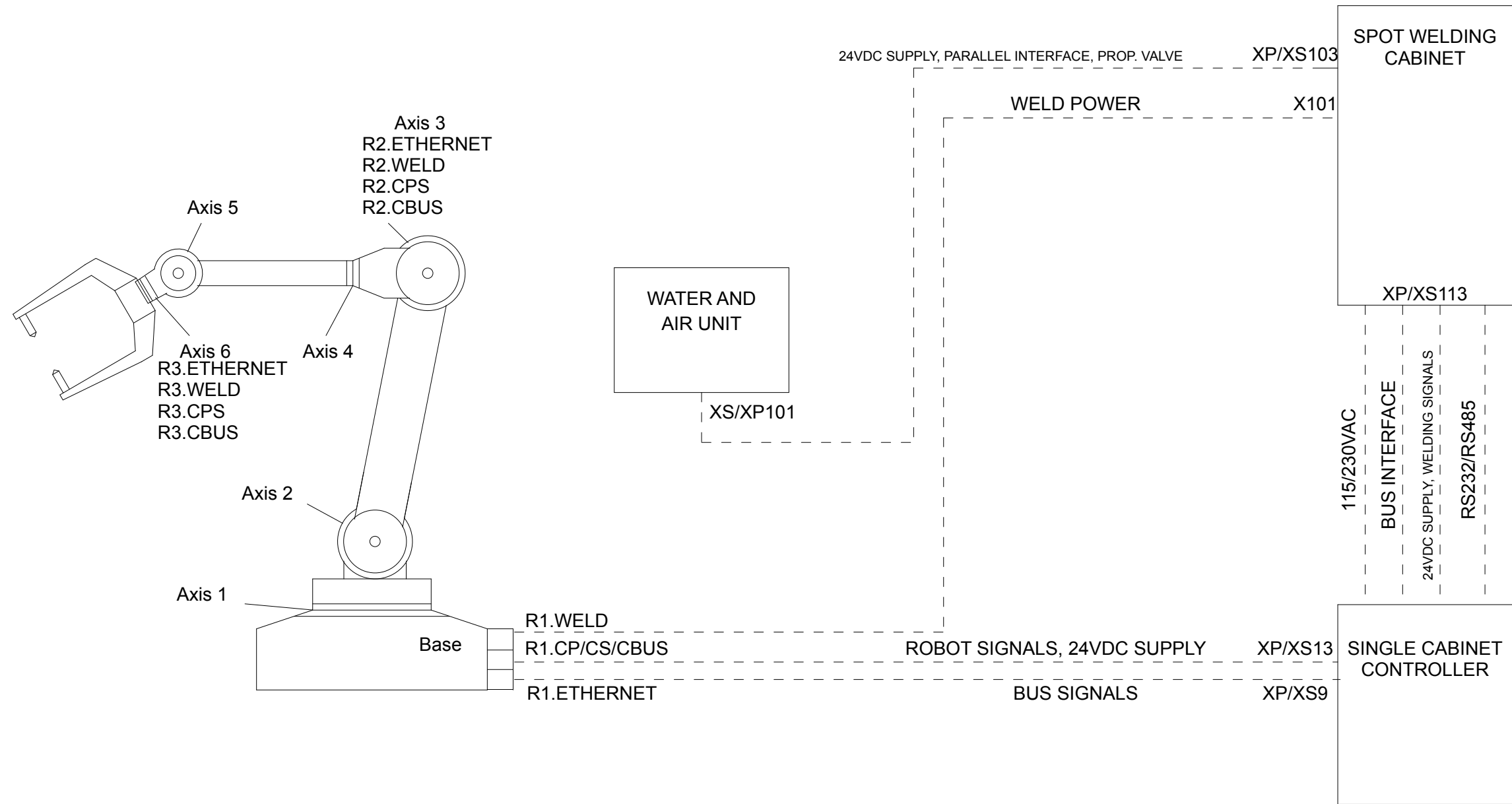


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1	2	3	4	5	6	7	8
Paracom	Parallel Communication			Protective Earth			
Parabuscom	Parallel and Bus Communication (CANBUS, PROFIBUS and DEVICENET)			Twisted wires			
Paramulti	Parallel and Ethernet Communication			Quad twined wires			
S	Welding			Screened wires			
Se	Weld with Servogun			Screen is connected to earth			
H	Material Handling			Screen connection continues on the next page			
FB	Motor Feedback Signal (7th axis)						
SMB	Serial Measurment Board						
CP/CS	Customer Power/Customer Signal						
CBUS	Bus Signal						
SP	Servo Gun Power						
MH3	Harness between axis 3 to axis 6						
MH6	Harness between Manipulator base to axis 6						

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BLOCK DIAGRAM TYPE S (pneumatic gun)  
IRBDP SW6  
Single cabinet controller, IRC5: See circuit diagram, 3HAC024480-011  
and 3HAC026871-020 for Panel mounted controller.  
Dashed cables: See circuit diagram SpotPack, 3HAC026208-001



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BLOCK DIAGRAM - TYPE S

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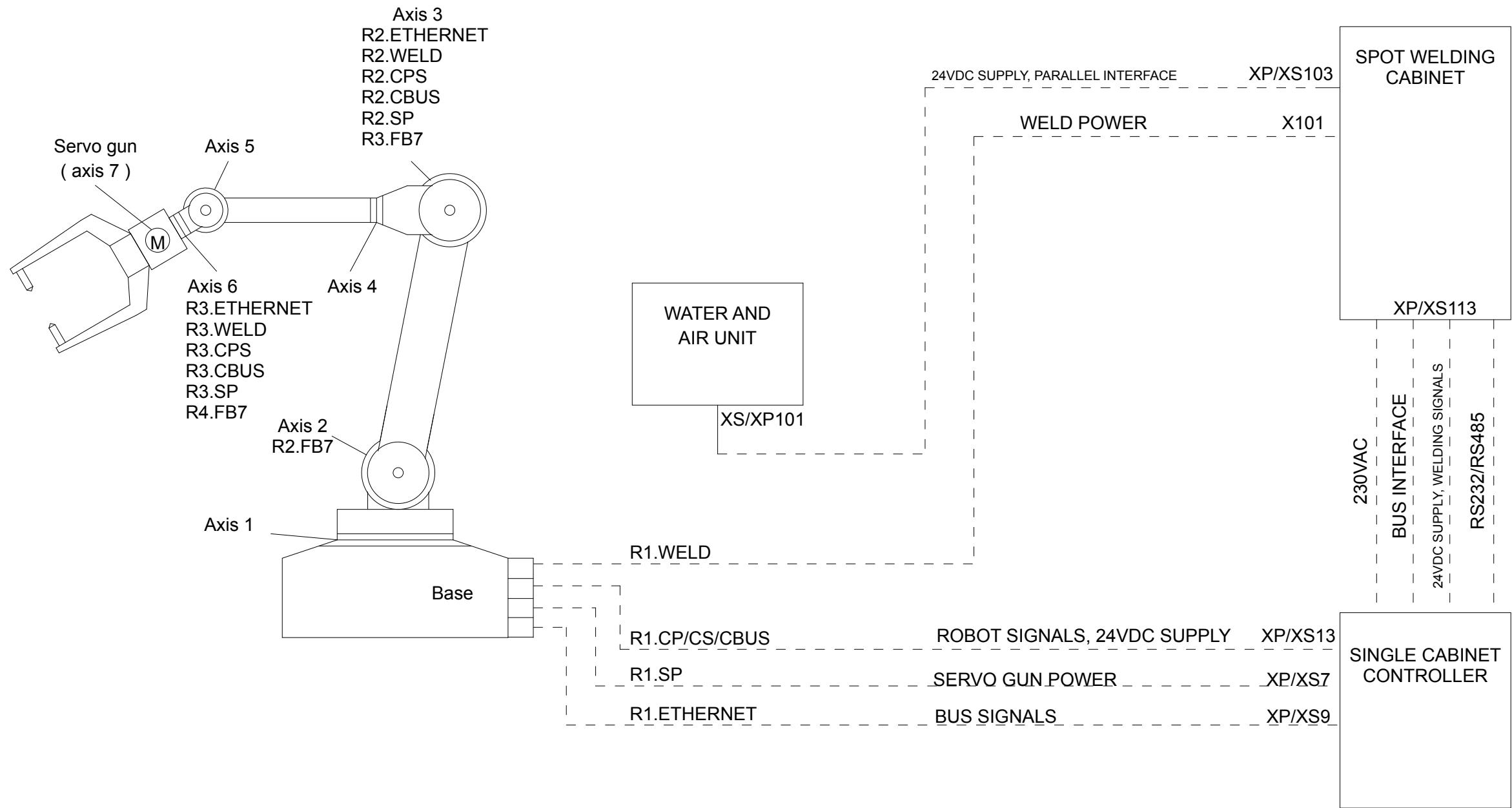
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BLOCK DIAGRAM TYPE Se (servo gun)  
IRBDP SW6  
Single cabinet controller, IRC5: See circuit diagram, 3HAC024480-011  
and 3HAC026871-020 for Panel mounted controller.  
Dashed cables: See circuit diagram SpotPack, 3HAC026208-001



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BLOCK DIAGRAM - TYPE Se

DRESS PACK

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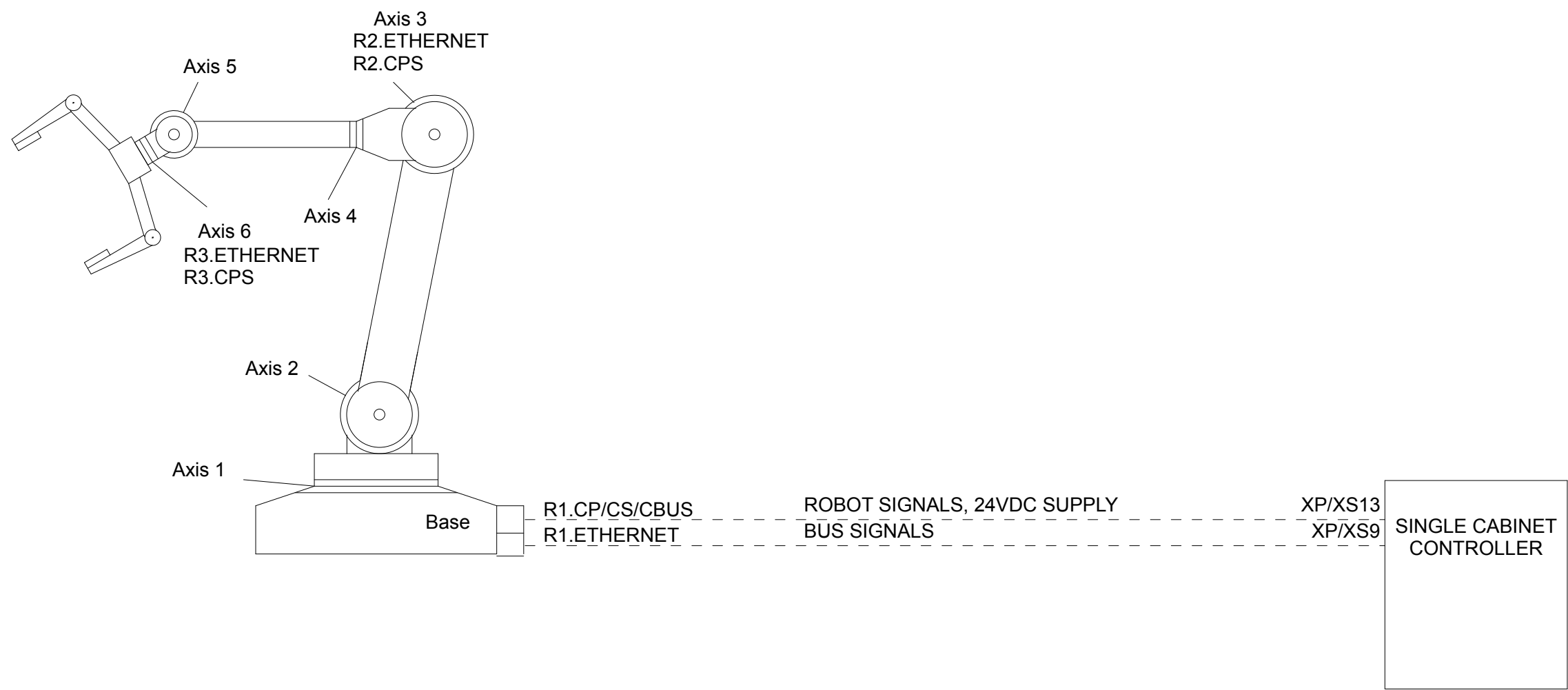
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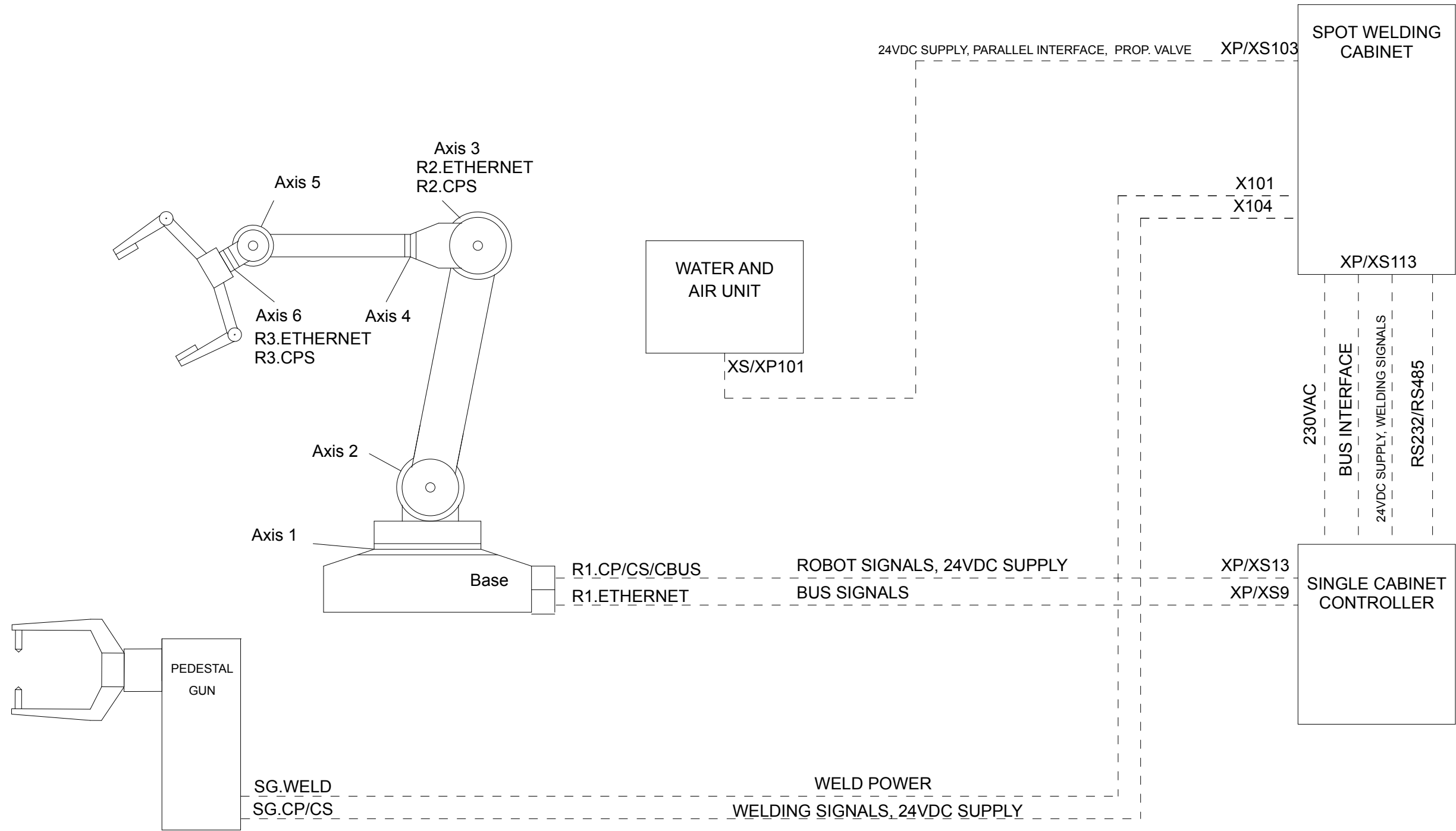
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BLOCK DIAGRAM TYPE H  
IRBDP SW6  
Single cabinet controller, IRC5: See circuit diagram, 3HAC024480-011  
and 3HAC026871-020 for Panel mounted controller.



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BLOCK DIAGRAM TYPE HS (material handling and pneumatic gun)  
IRBDP SW6  
Single cabinet controller, IRC5: See circuit diagram, 3HAC024480-011  
and 3HAC026871-020 for Panel mounted controller.  
Dashed cables: See circuit diagram SpotPack, 3HAC026208-001



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BLOCK DIAGRAM - TYPE HS

DRESS PACK

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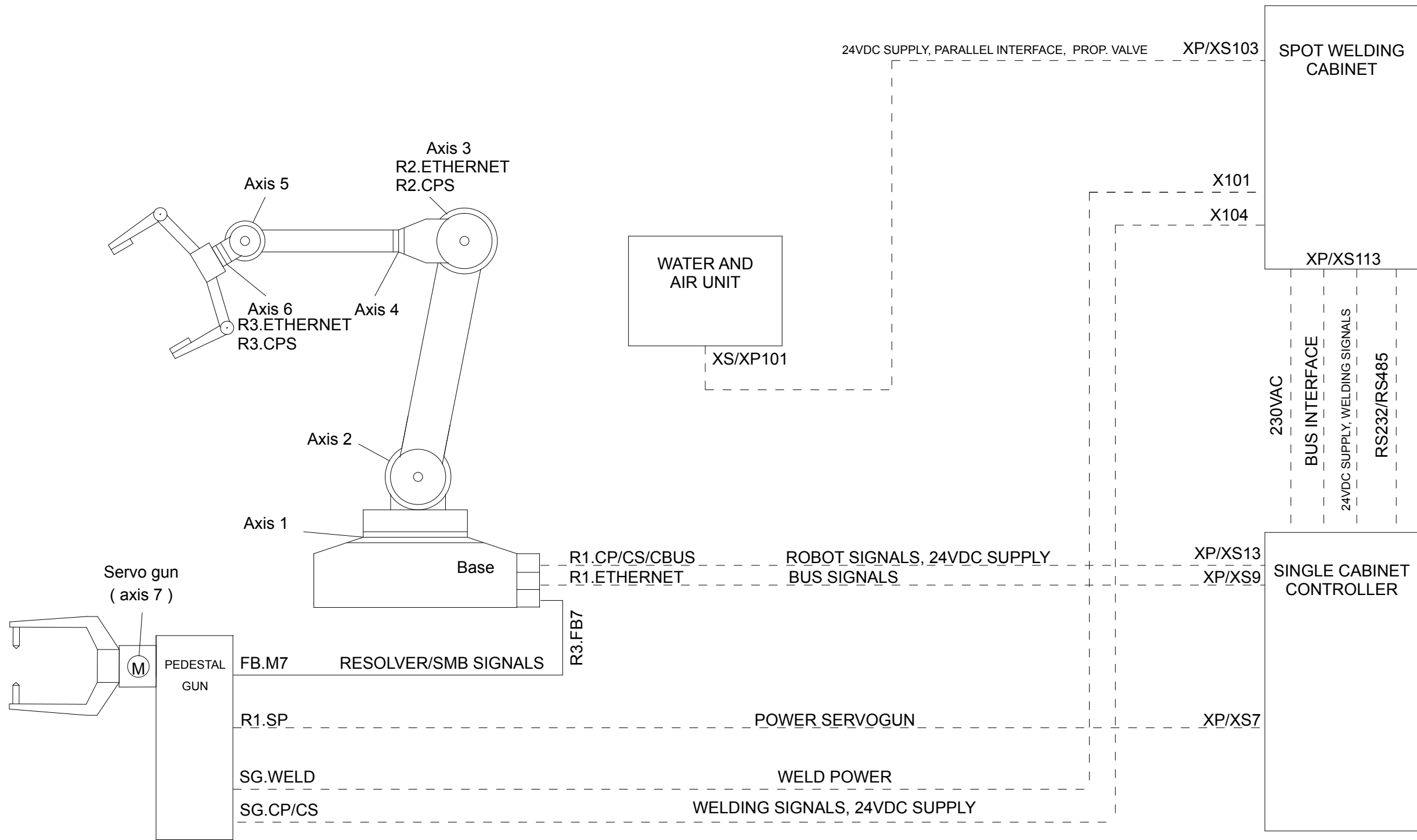
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BLOCK DIAGRAM TYPE HSe (material handling and servo gun)  
IRBDP SW6  
Single cabinet controller, IRC5: See circuit diagram, 3HAC024480-011  
and 3HAC026871-020 for Panel mounted controller.  
Dashed cables: See circuit diagram SpotPack, 3HAC026208-001



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BLOCK DIAGRAM - TYPE HSe

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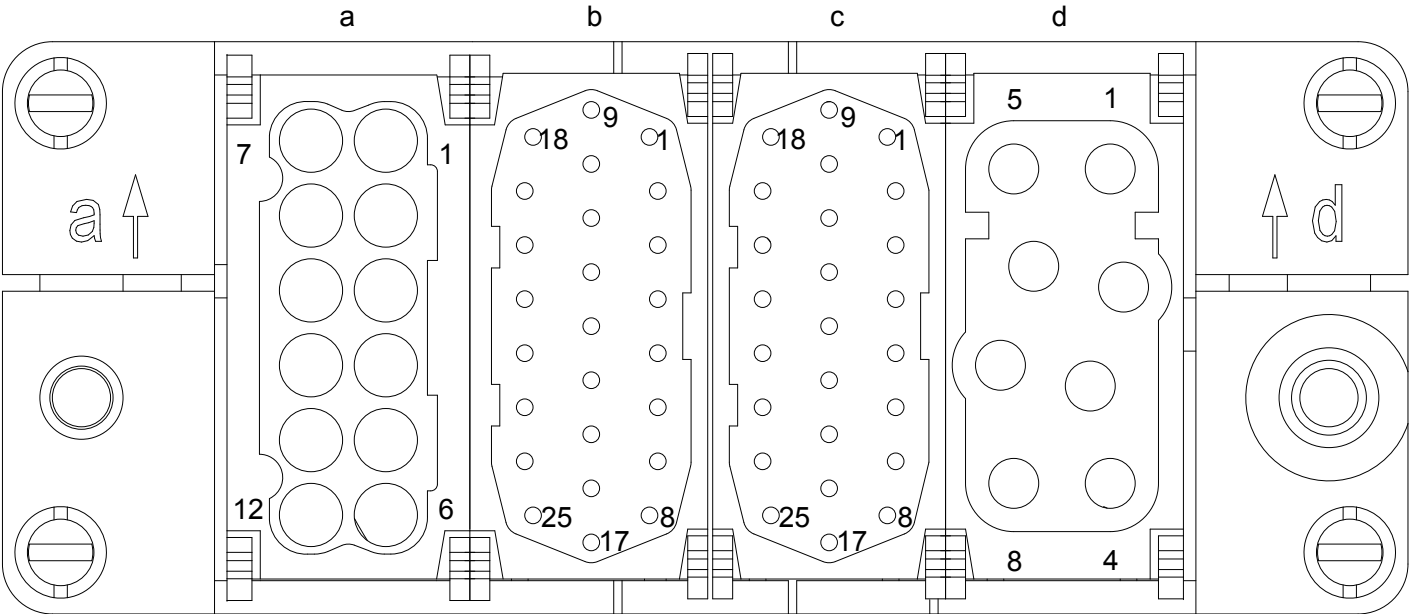
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BLOCK DIAGRAM TYPE S/H

Male (R1.CP/CS)



HARTING HAN MODULE/

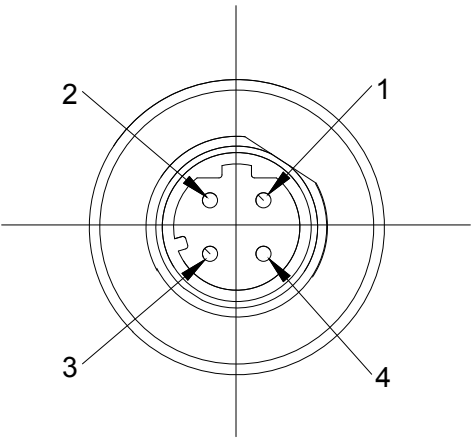
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HD

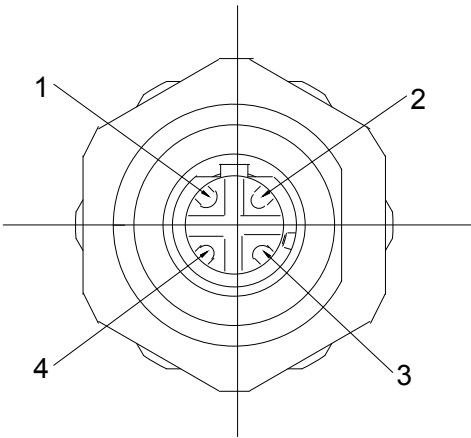
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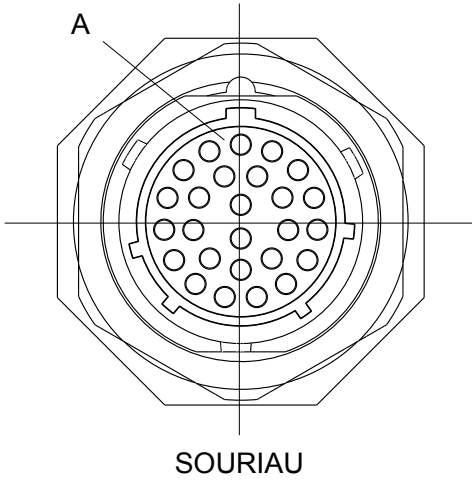
Male 4p  
R2.ETHERNET  
R3.ETHERNET



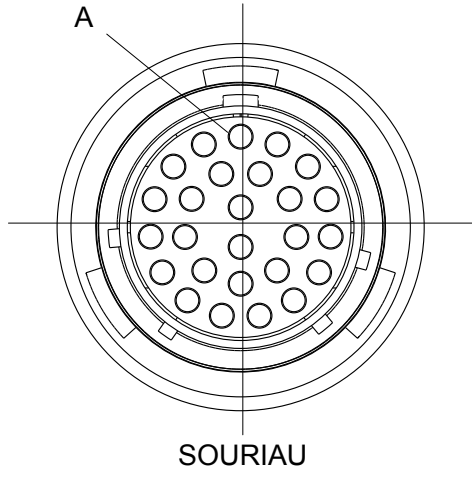
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R1.ETHERNET  
R2.ETHERNET



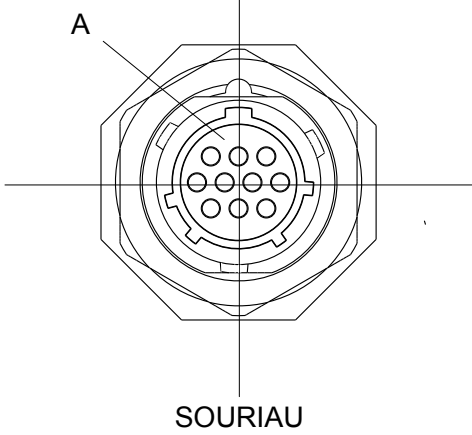
Female 26p (R2.CP/CS)



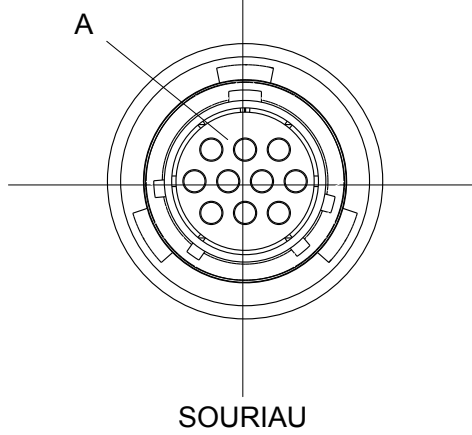
Female 26p (R3.CPS)  
Male 26p (R2.CPS)



Female 10p (R2.CBUS)



Male 10p (R2.CBUS)  
Female 10p (R3.CBUS)



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CONNECTOR LAYOUT

DRESS PACK

Status: 2016-01-14

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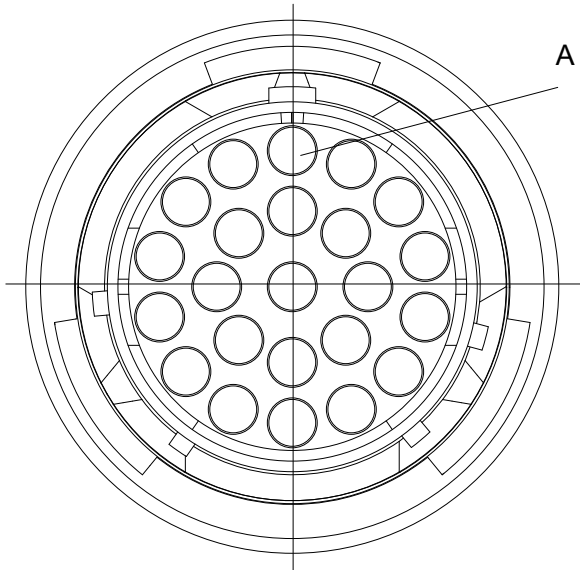
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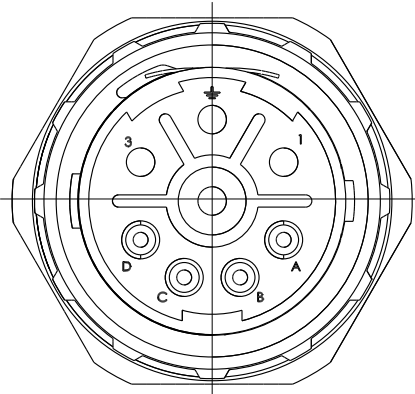
BLOCK DIAGRAM TYPE Se

Female 23p (R1.SP)



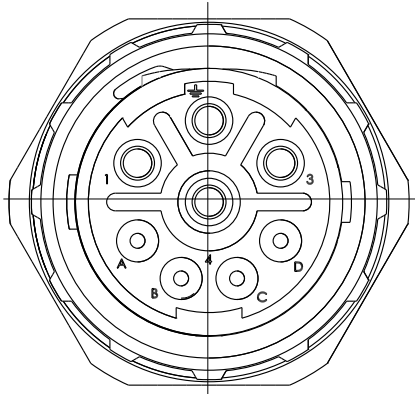
SOURIAU

Male 8p  
R2.SP



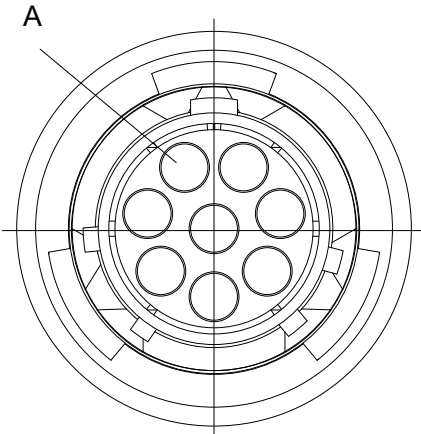
HUMMEL

Female 8p  
R2.SP  
R3.SP



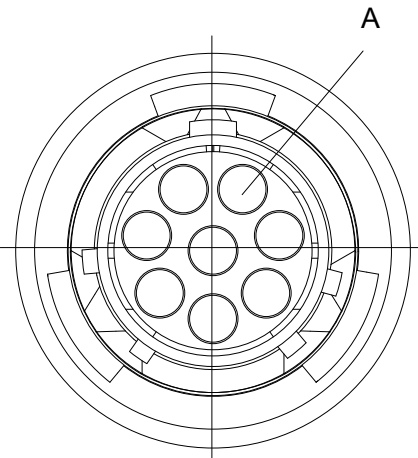
HUMMEL

Female 8p (R2.FB7)



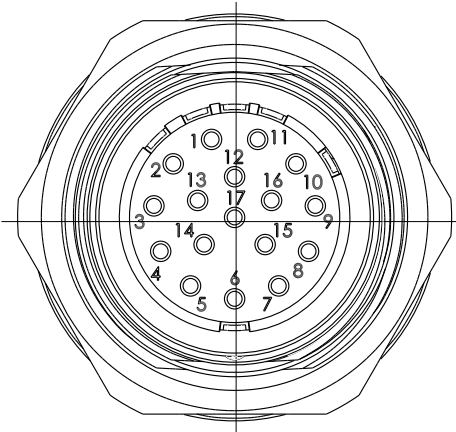
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Male 8p (R2.FB7)



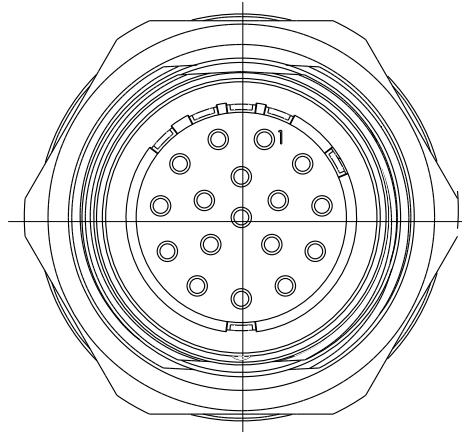
SOURIAU

Male 17p (R3.FB7)



SOURIAU

Female 17p (R3.FB7 & R4.FB7)



SOURIAU

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CONNECTOR LAYOUT  
DRESS PACK

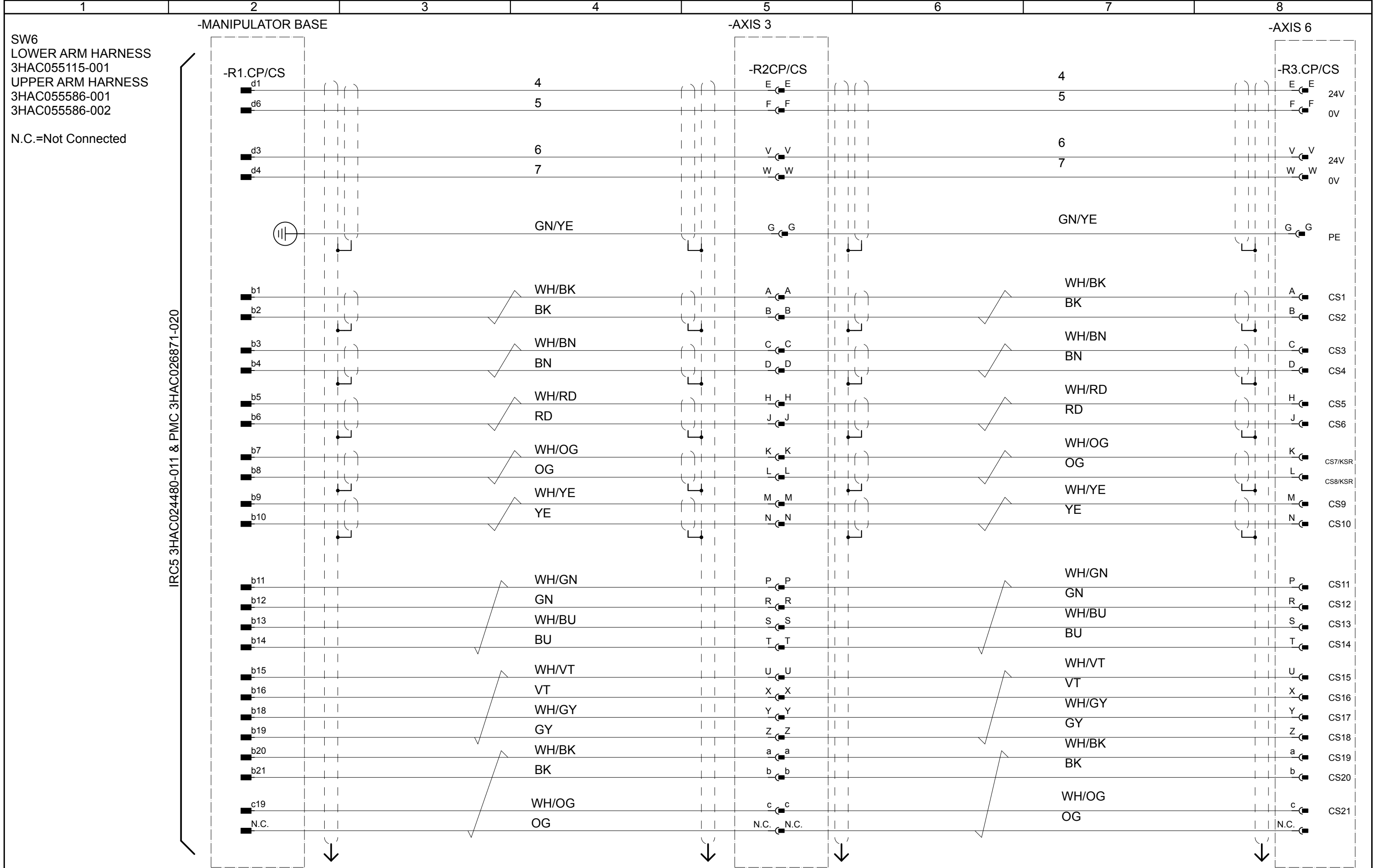
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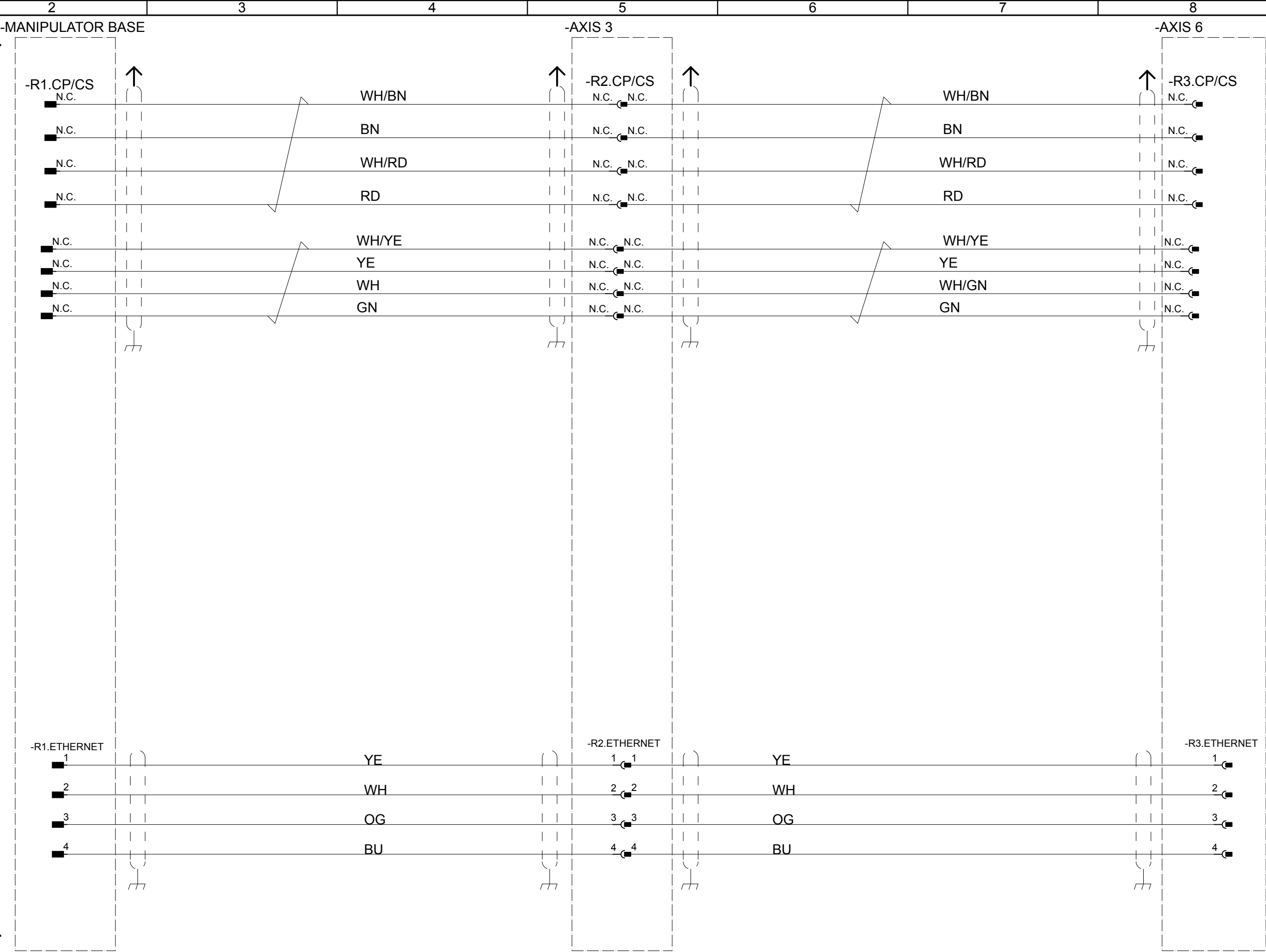
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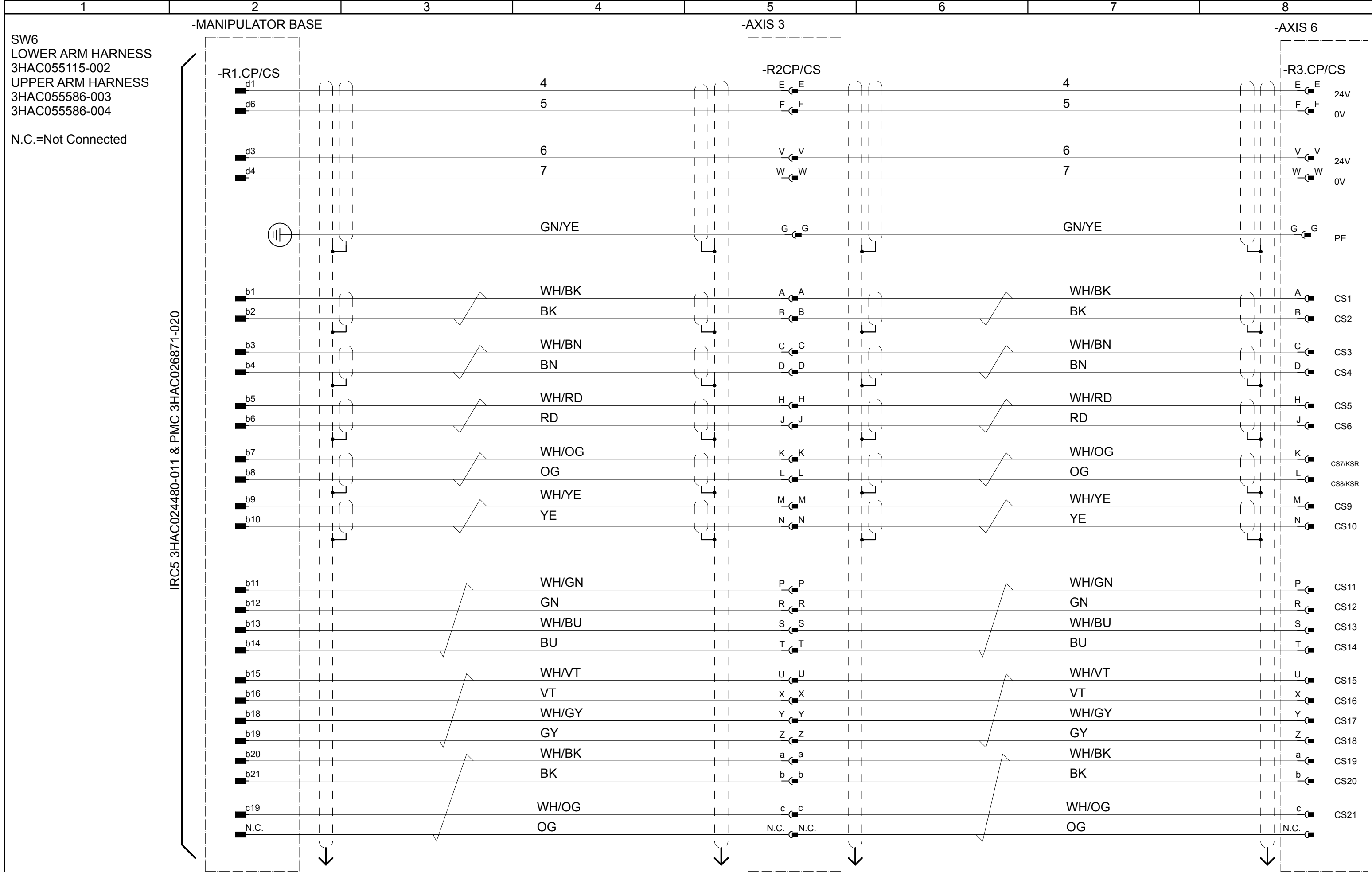


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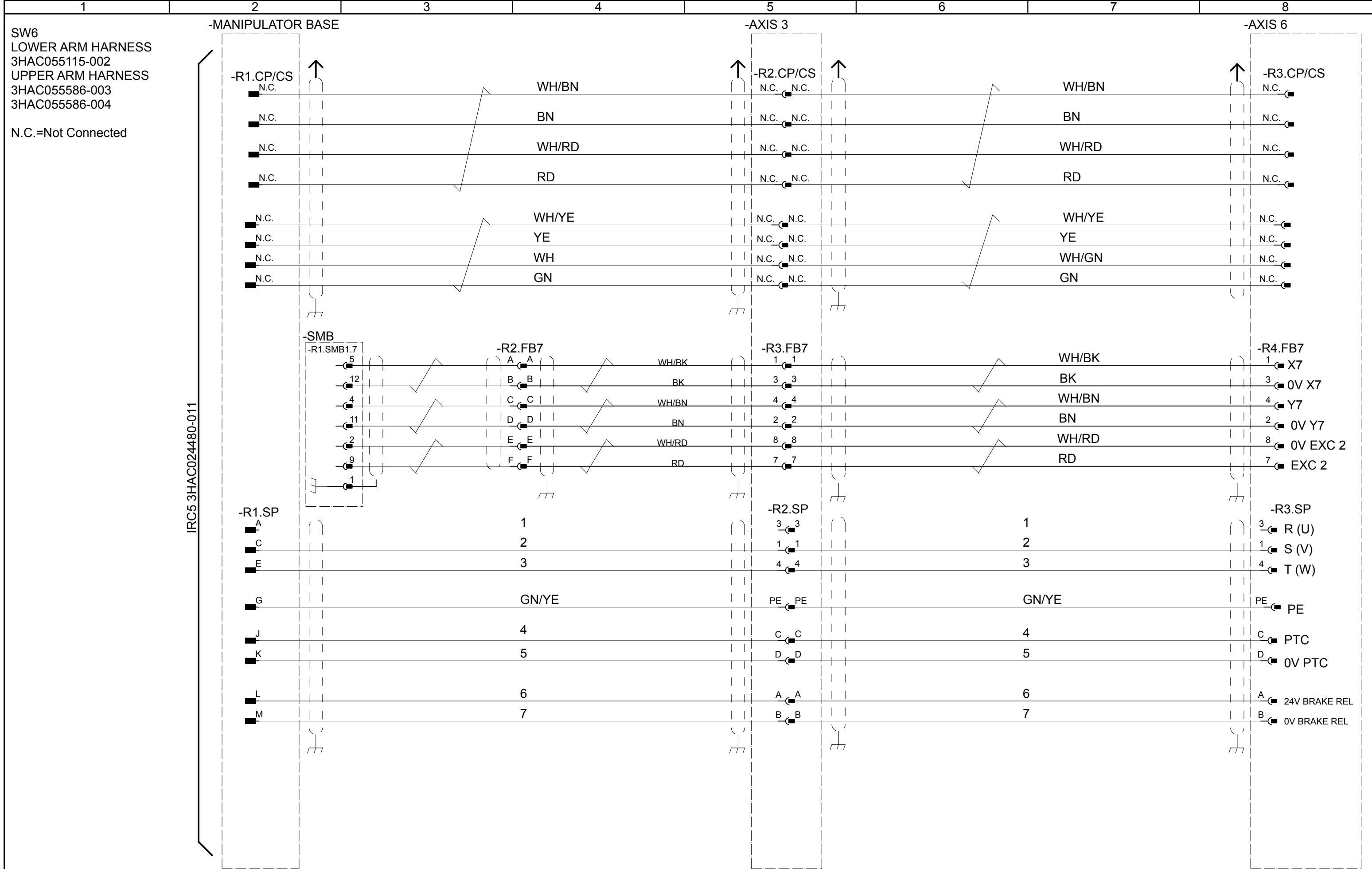
**IRC5 3HAC024480-011 & PMC 3HAC026871-020**



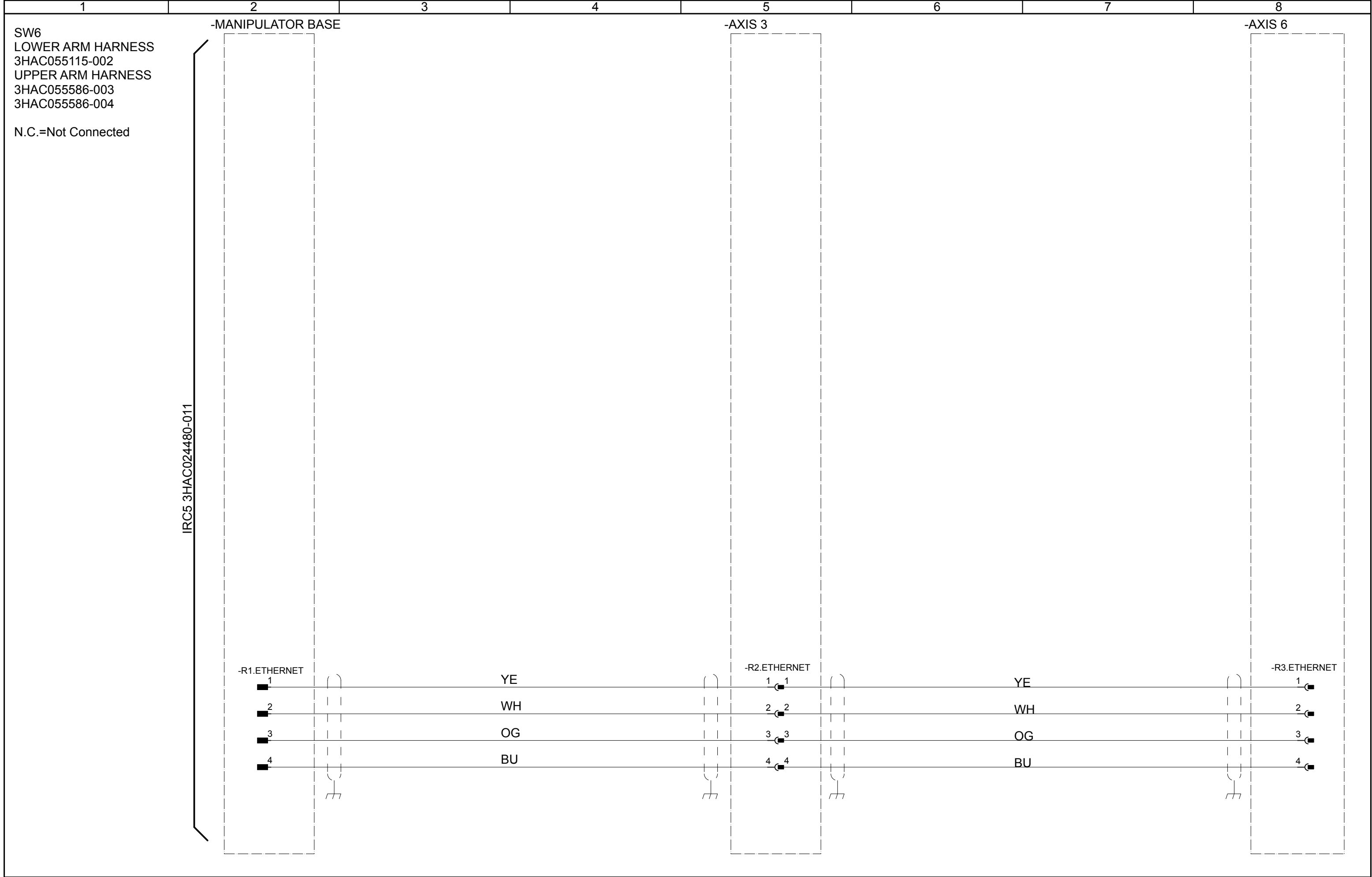
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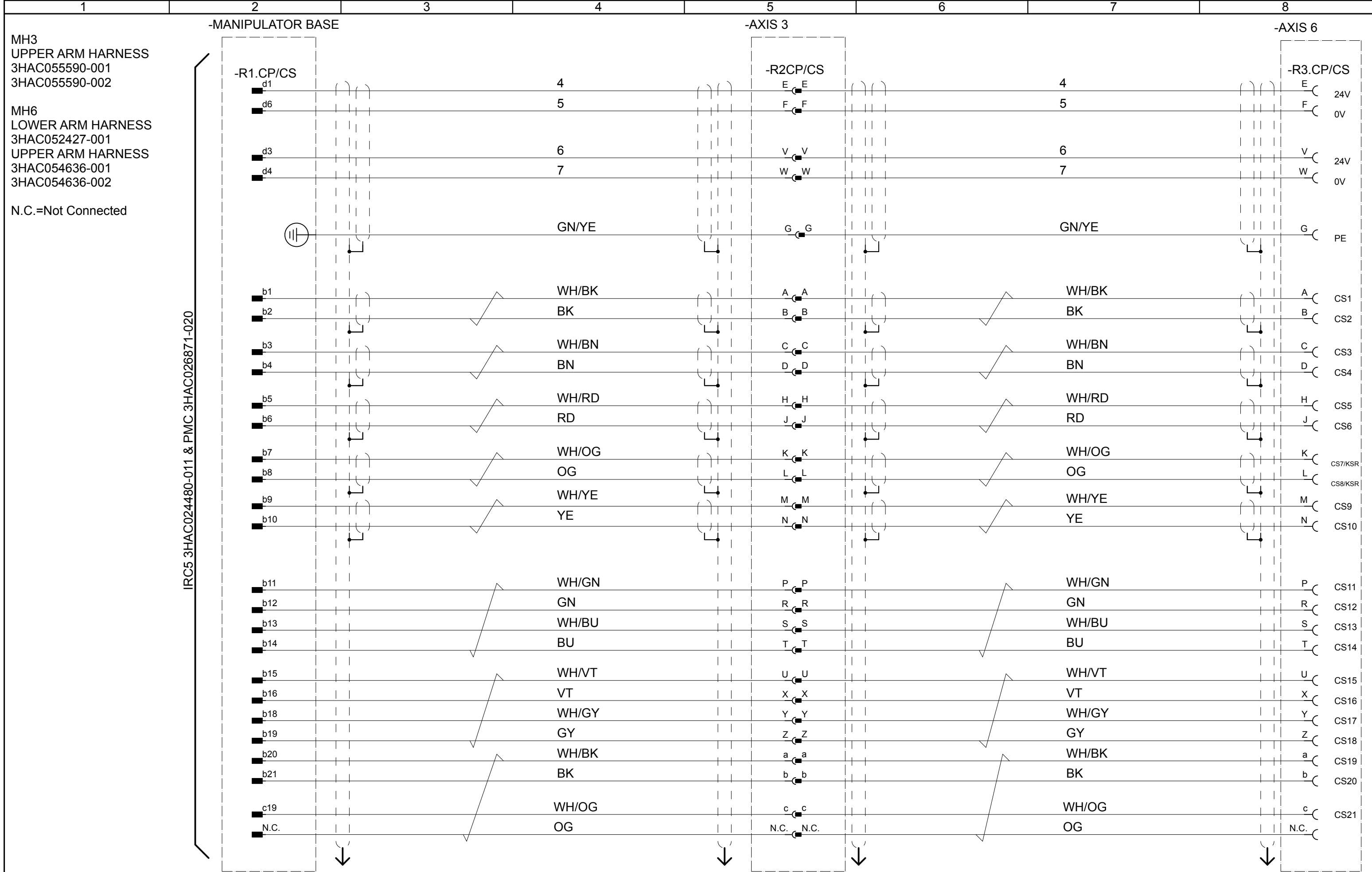
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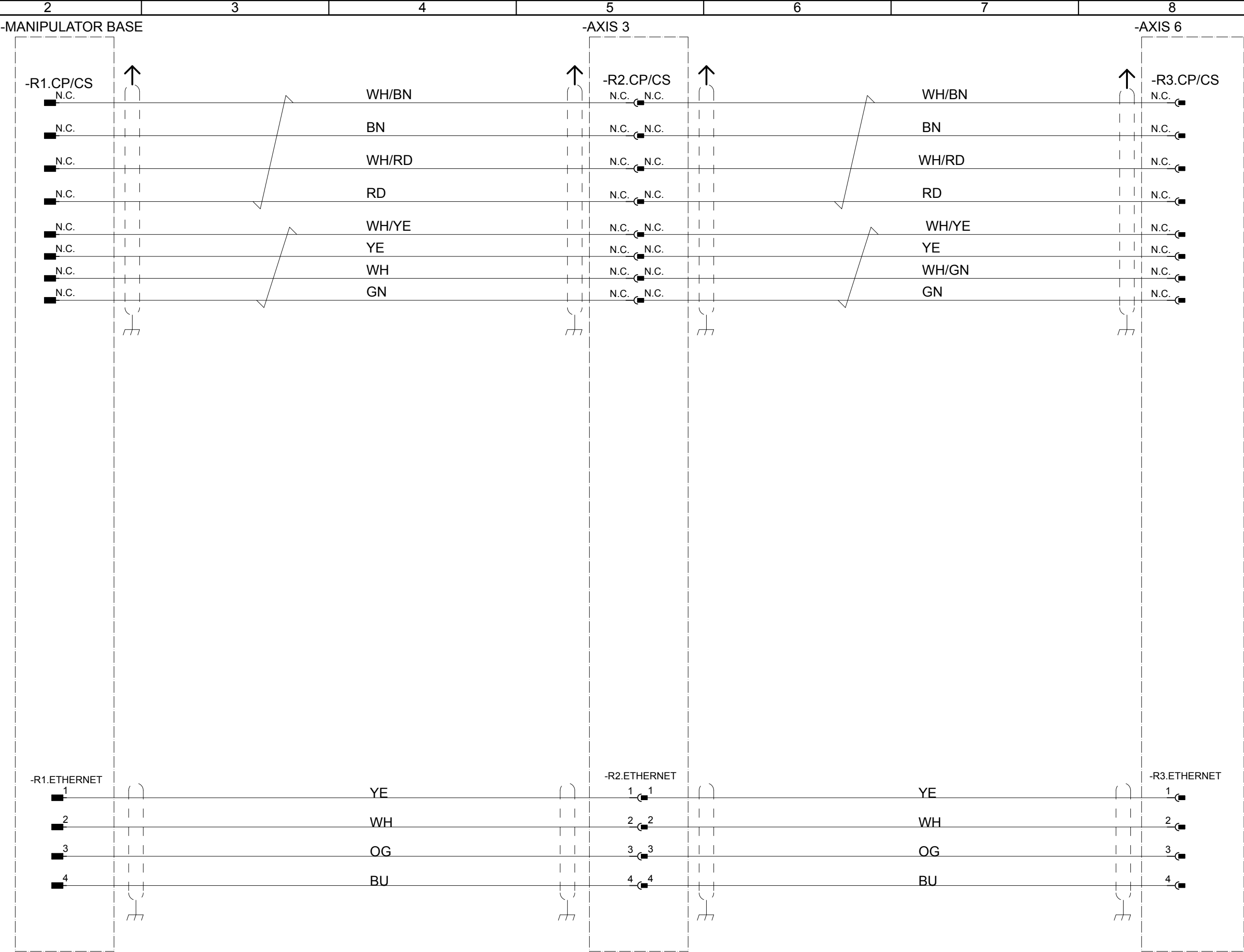
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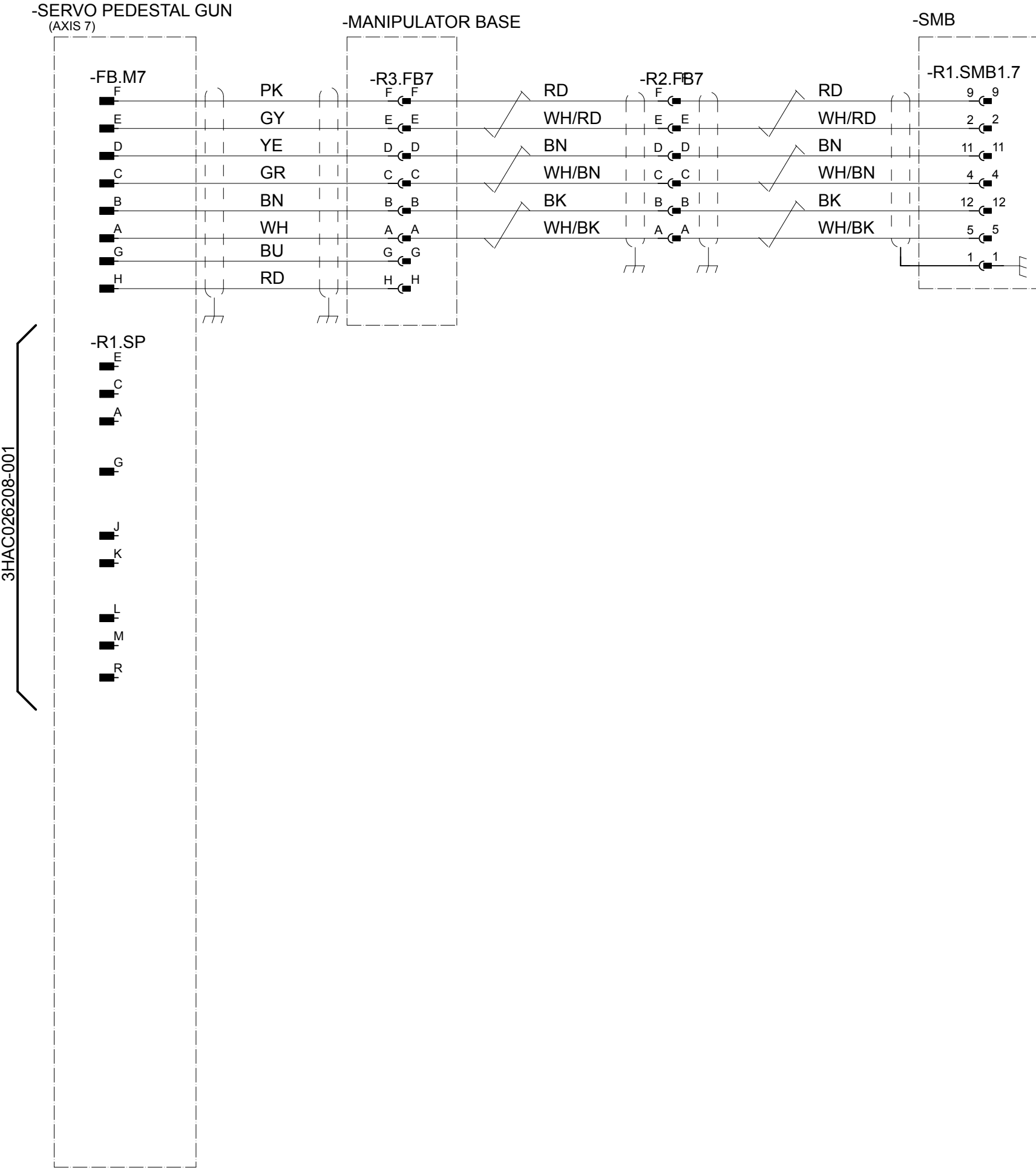
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**IRC5 3HAC024480-011 & PMC 3HAC026871-020**



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TYPE HSe  
RESOLVER SIGNALS  
VALID FOR  
FLOOR HARNESS  
3HXD1250-70  
LOWER ARM HARNESS  
3HAC023278-001



Latest revision:  
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Lab/Office:  
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PEDESTAL GUN

TYPE HS, HSe

Status: 2016-01-14

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