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INSTALLED	OPTIONAL COMPONENT
	Electronic water drains side 1,2 B1,B2 : DD Filter B3,B4 : WSD
	DD/PD Filter kit side 1,2 PDS11,13 : Delta P-switch for integrated DD filter PDS12,14 : Delta P-switch for integrated PD filter
	CO : Carbon monoxide transmitter CO2 : Carbon dioxide transmitter

MAIN POWER SUPPLY

VOLTAGE : V
FREQ : 50 Hz 1 PH

VOLTAGE : V
FREQ : 60 Hz 1 PH

MAX FUSE

IEC : Class gL/gG
..... A

F1-F2	F3-F4
__ 4 __ A	__ 5 __ A
F5 - F6	F7 & F8
__ 4 __ A	__ 5 __ A
F9 - F14	F15 - F16
__ 1.5 __ A	__ 1.5 __ A
F17 - F18	
__ 2.5 __ A	



NOTE; FUSES TO BE OF TYPE T CHARACTERISTIC UNLESS STATED OTHERWISE

All materials supplied are in compliance with the requirements of the List of Prohibited Substance

Name dMED DUPLEX Controller Service Diagram		Secrecy Class					
Material N/A		1102 K/ 2					
Treatment N/A		ACD					
Tolerances, if not indicated, according to: ATLAS COPCO STANDARD Class		Scale -:-	Family 0	A3	Compare	Drawing owner	
STATUS		Drawn by GCFJTN	Blank nr. 0	Replaces		ACM	
Version Drwg 4.0		Blank wt. 0 Kg	Fini wt. 0 Kg	Designation		Sheet 01 OF 16	
ISSUED		Des checked	Prod checked	Approved	Date 10-05-19	2212 0215 09	

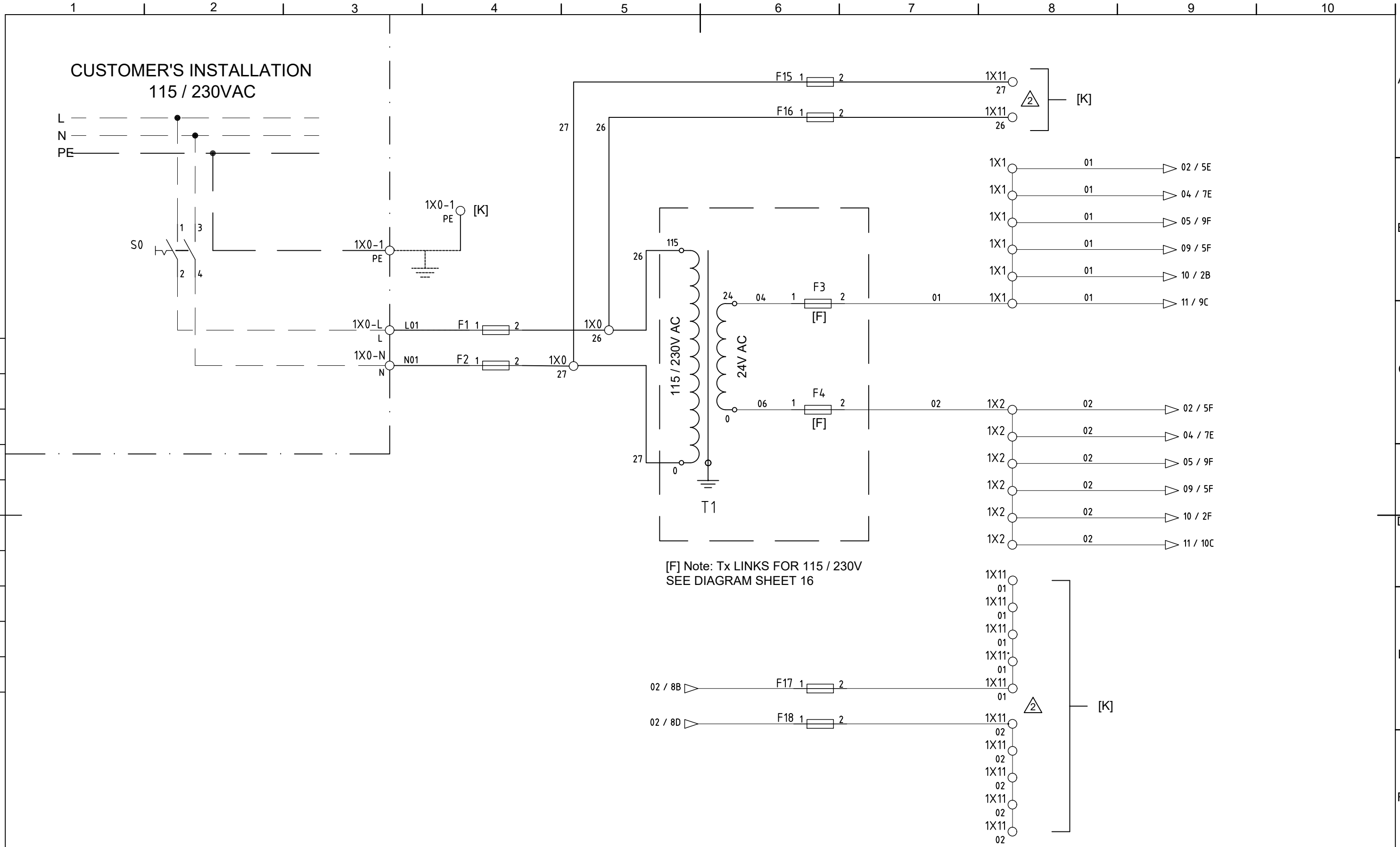
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4.0	Various	Update drawing references (IAR9925)	06/11/19	GCFJPB		1

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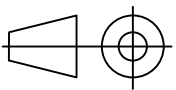
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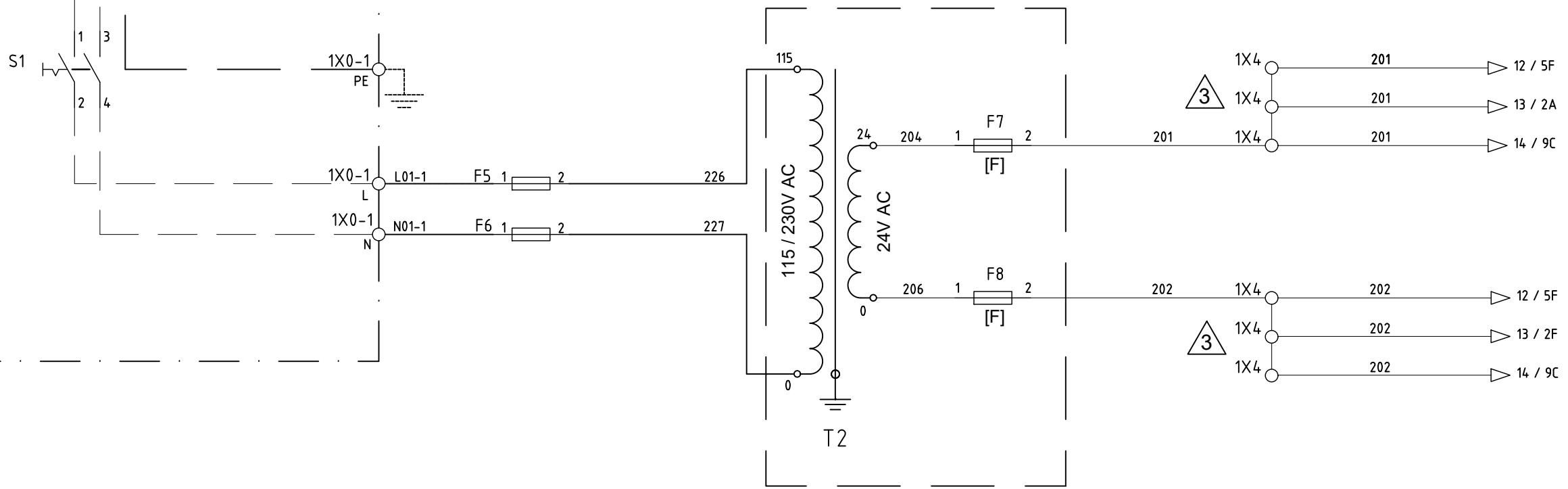
[F] Note: Tx LINKS FOR 115 / 230V
SEE DIAGRAM SHEET 16

Name										dMED DUPLEX Controller Service Diagram		Security Class													
Material										N/A		1102 K/ 2													
Treatment										N/A		ACD													
Tolerances, if not indicated, according to:										Atlas Copco		Scale		--		Family		A3		Compare		Drawing owner			
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Version Drwg										4.0		Des checked		Prod checked		Approved		Date		10-05-19		Designation		Sheet 02 OF 16	
Note										Position		Modified from		Date		Intr./Appd.		Parent 3D Model		Ed.Version 3D		ISSUED		2212 0215 09	

4.0	Various	Update drawing references (IAR9925)	06/11/19	GCFPB			1
Note	Position	Modified from	Date	Intr./Appd.	Parent 3D Model	Ed.Version 3D	ISSUED

CUSTOMER'S INSTALLATION
115 / 230VAC

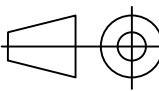
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N
PE



[F] Note: Tx LINKS FOR 115 / 230V
SEE DIAGRAM SHEET 16

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Name		dMED DUPLEX Controller Service Diagram				Security Class			
Material		N/A				1102 K/ 2			
Treatment		N/A				ACD			
Tolerances, if not indicated, according to:		Scale		Family		A3		Compare	
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STATUS		ISSUED		Des checked		Prod checked		Approved	
Date		10-05-19		Sheet		03 OF 16		Drawing owner	
Note		Position		Modified from		Date		2212 0215 09	

4.0 Various Update drawing references (IAR9925)

06/11/19

GCFPB

1

Note Position Modified from

Date

Intr./Appd.

Parent 3D Model

Ed.Version 3D

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Des checked

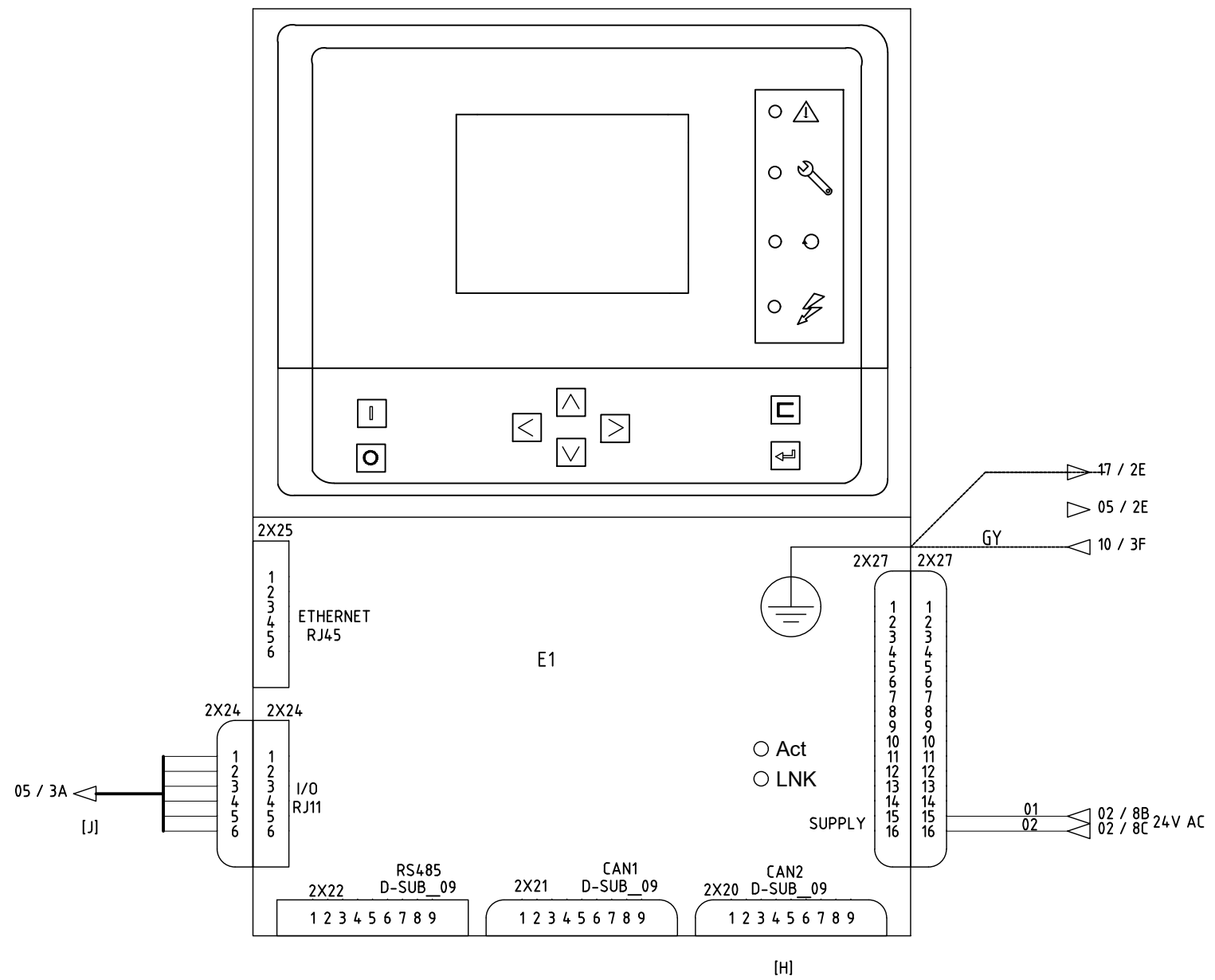
Prod checked

Approved

Date 10-05-19

2212 0215 09

E1 ELEKTRONIKON MK5 GRAPHIC PLUS



[H] Note: CAN connector 3 of WH 1627-0166-00 need to be connected to CAN2

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Name		dMED DUPLEX Controller Service Diagram				Security Class			
Material		N/A				1102 K/ 2			
Treatment		N/A				ACD			
Tolerances, if not indicated, according to:				Scale	--	Family	0	A3	Compare
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Des checked		Prod checked		Approved		Date		10-05-19	
Designation		Sheet		04		OF		16	
2212 0215 09									

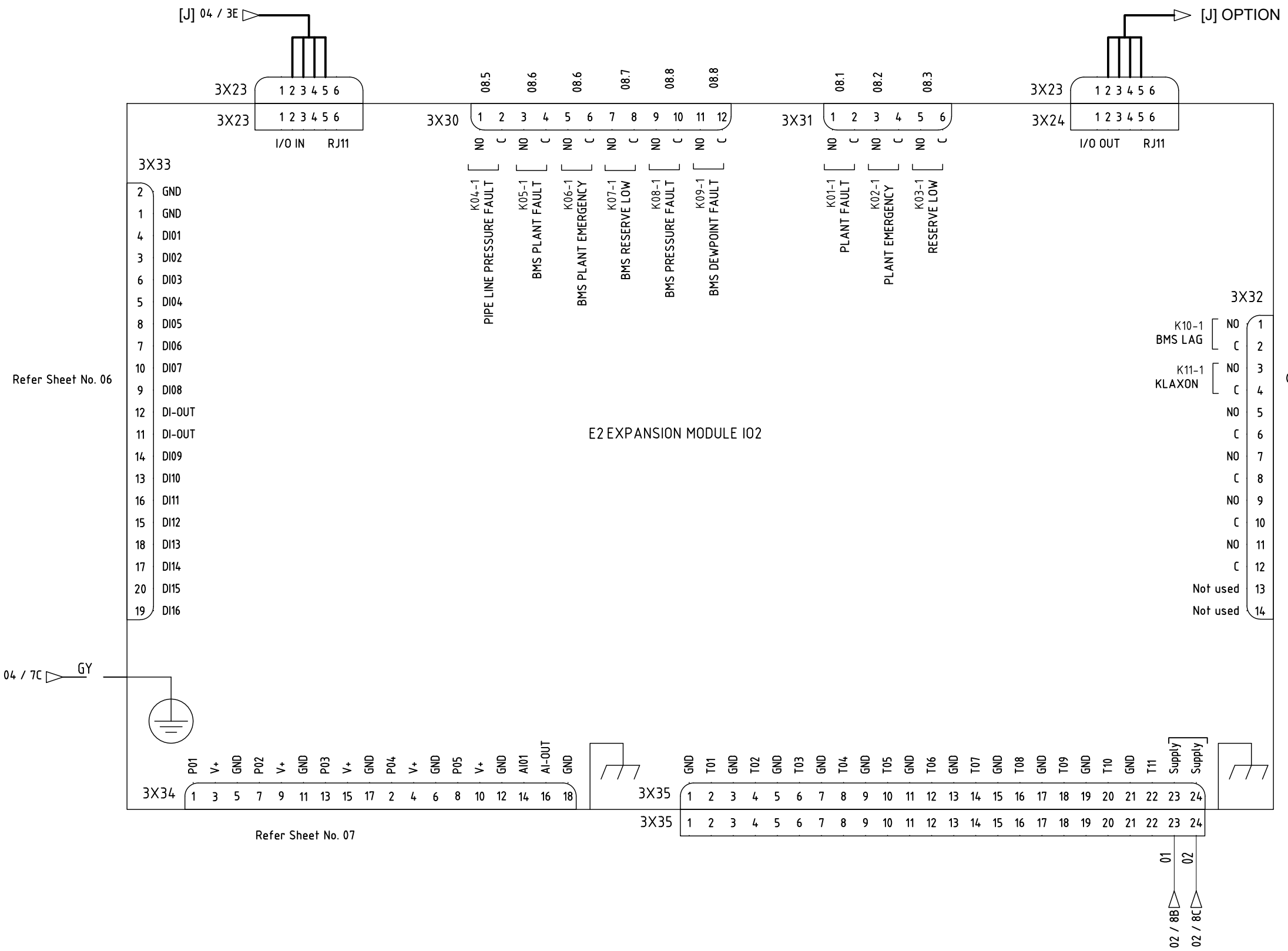
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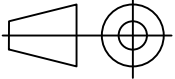

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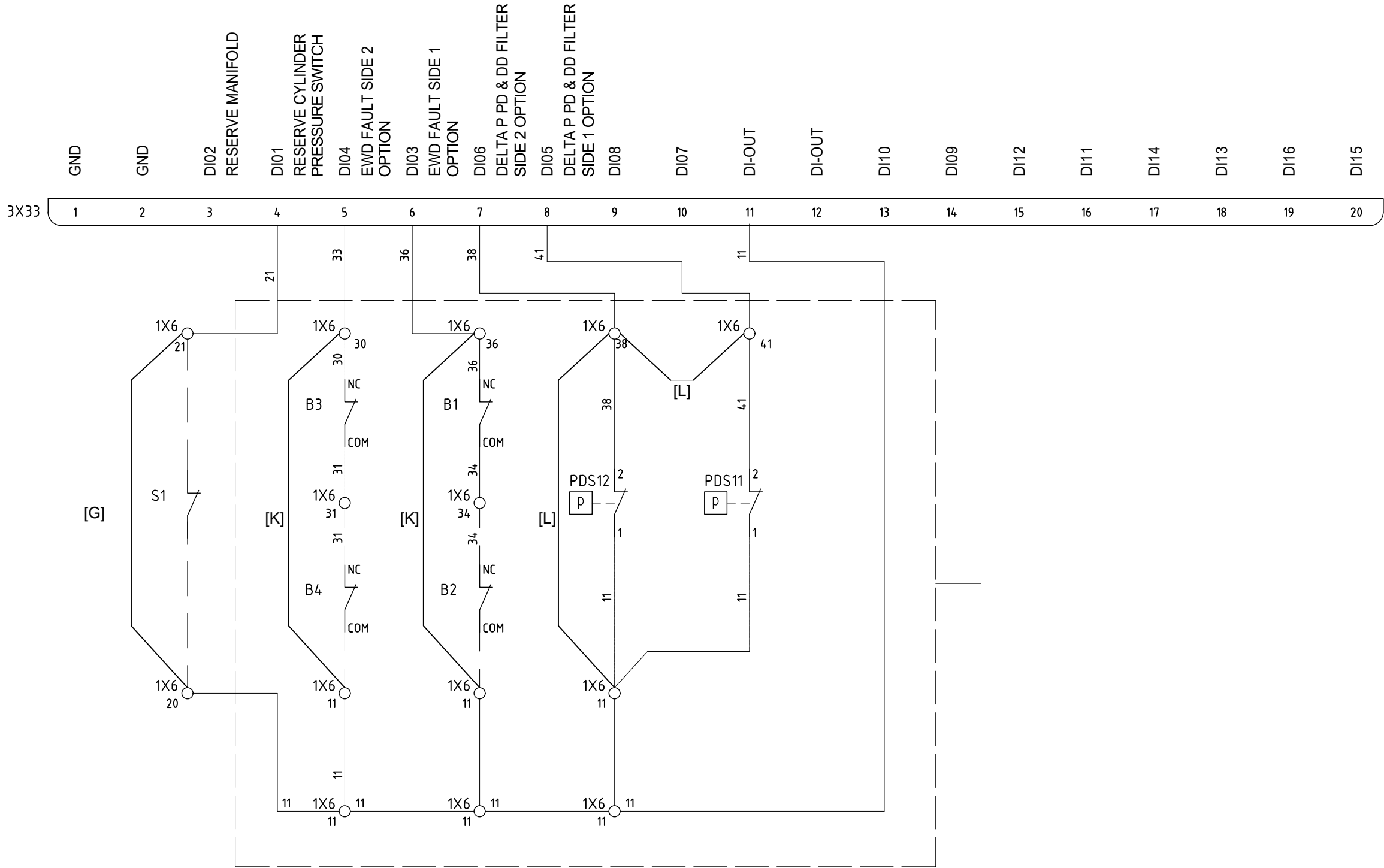
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Name				dMED duplex Controller Service Diagram				Security Class																																																								
Material				N/A				1102 K/ 2																																																								
Treatment				N/A				ACD																																																								
Tolerances, if not indicated, according to:				ATLAS COPCO STANDARD Class						Drawing owner																																																						
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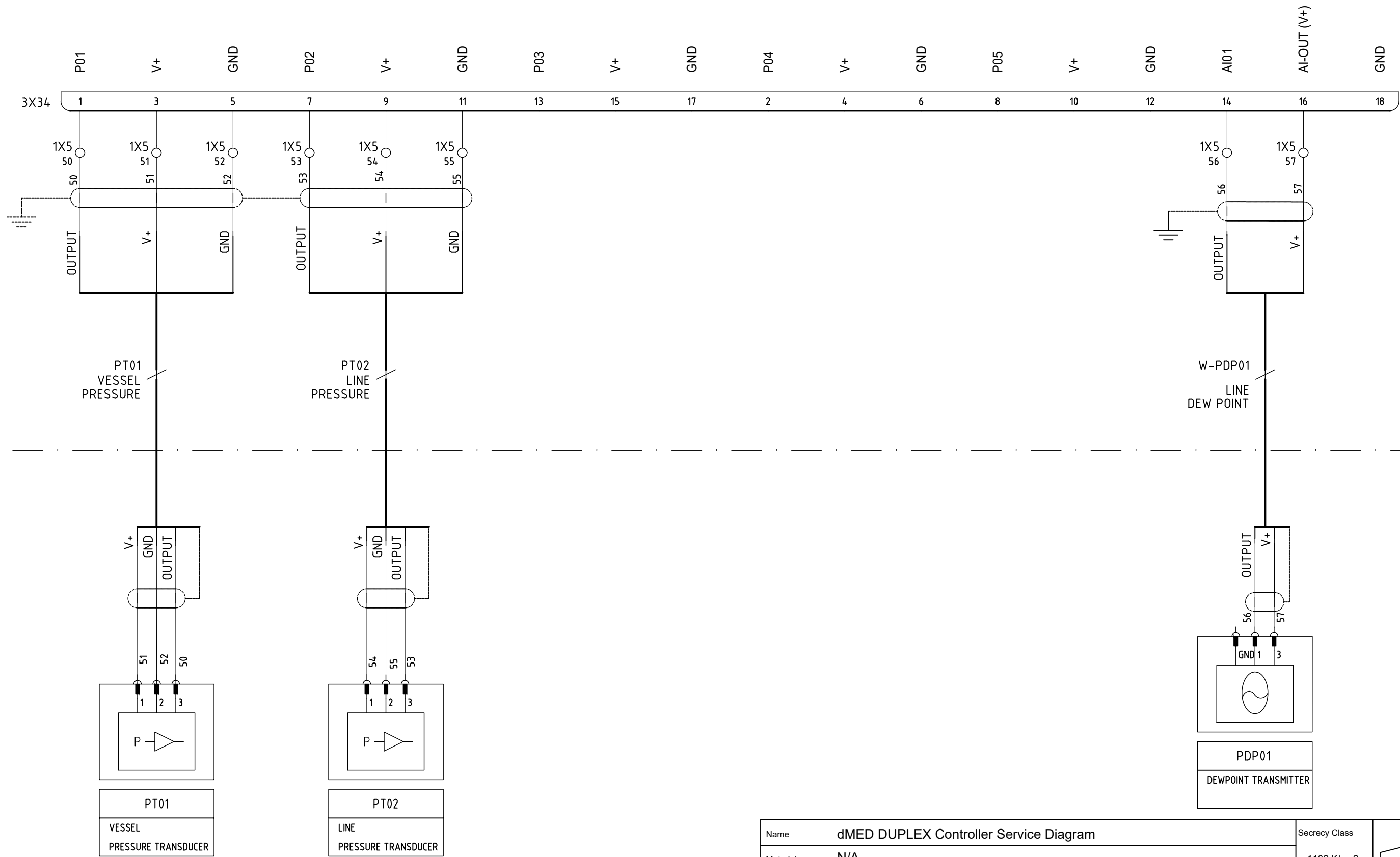


- [G] Remove wire when installing a reserve manifold pressure switch as input.
- [K] Remove wires when installing EWD option as input (Harness 2212 0216 18).
- [L] Remove wires when installing Filter option as input (Harness 2212 0216 30).

Name		dMED DUPLEX Controller Service Diagram				Security Class			
Material		N/A				1102 K/ 2			
Treatment		N/A				ACD			
Tolerances, if not indicated, according to:		Scale		Family		A3		Compare	
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		GCFJTN		0					
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Note		Des checked		Prod checked		Approved		Date	
Position								10-05-19	
Modified from									
Date									
Intr./Appd.									
Parent 3D Model									
Ed.Version 3D									

4.0	Various	Update drawing references (IAR9925)	06/11/19	GCFJPB			1
Note	Position	Modified from	Date	Intr./Appd.	Parent 3D Model	Ed.Version 3D	STATUS

E2 Expansion module IO2



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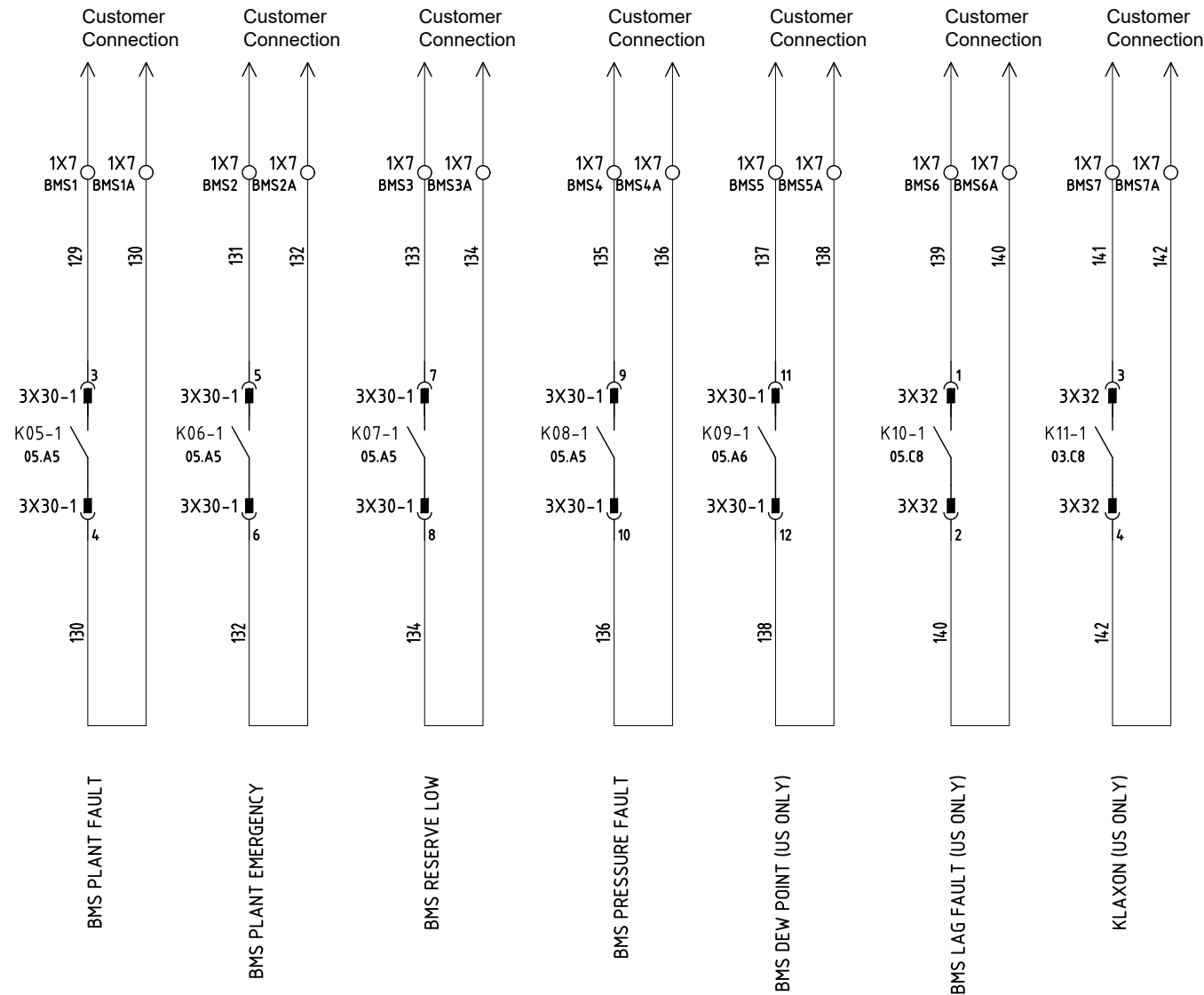
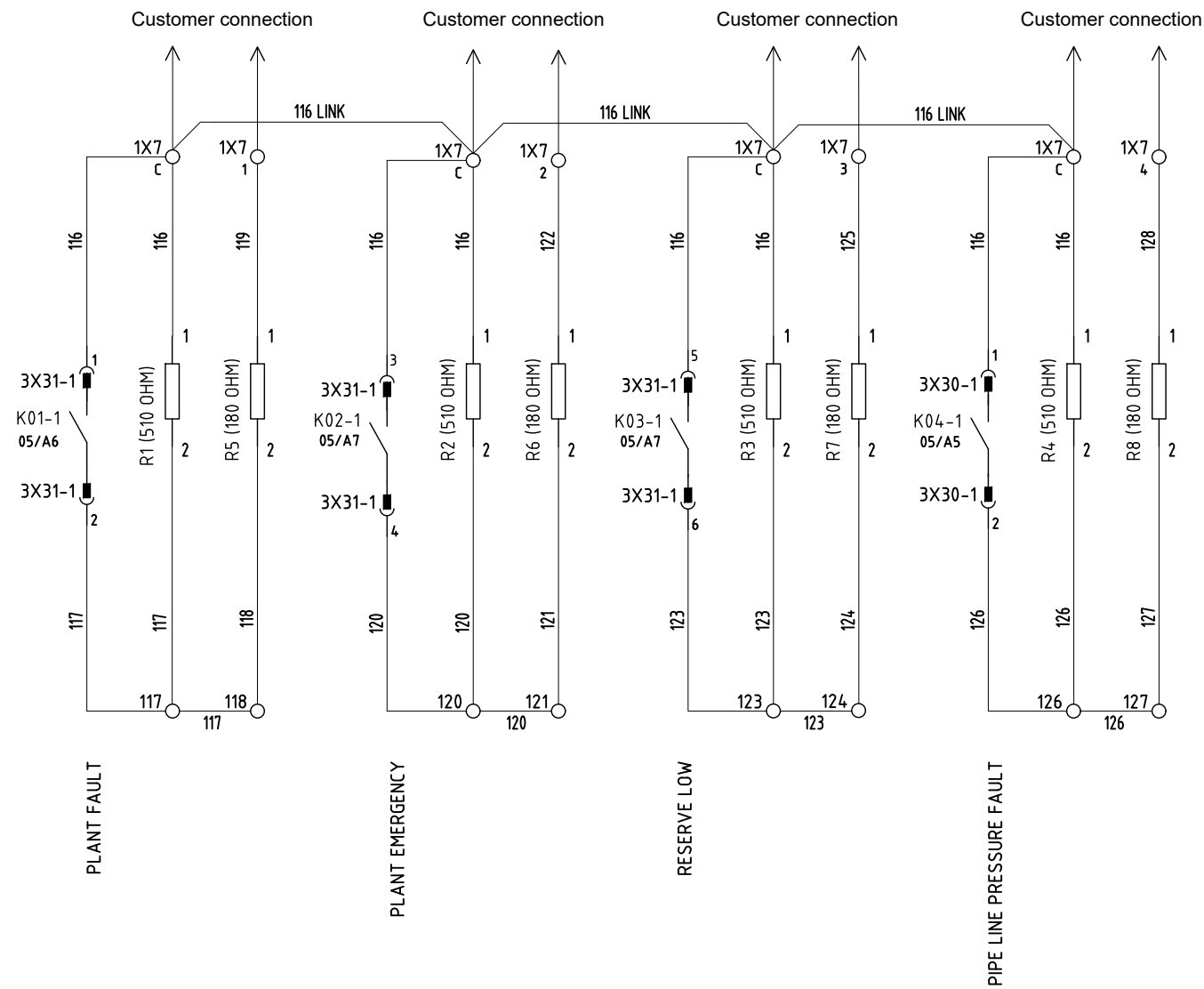
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Tolerances, if not indicated, according to:
ATLAS COPCO STANDARD Class

Name				dMED DUPLEX Controller Service Diagram				Security Class			
Material				N/A				1102 K/ 2			
Treatment				N/A				ACD			
Scale		--		Family		0		A3		Compare	
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Des checked		Prod checked		Approved		Date		10-05-19		Designation	
ISSUED										Sheet 07 OF 16	
2212 0215 09											
Drawing owner ACM											

CONNECTION TO MEDICAL ALARM SYSTEM

POTENTIAL FREE CONTACTS BUILDING MANAGEMENT SYSTEM

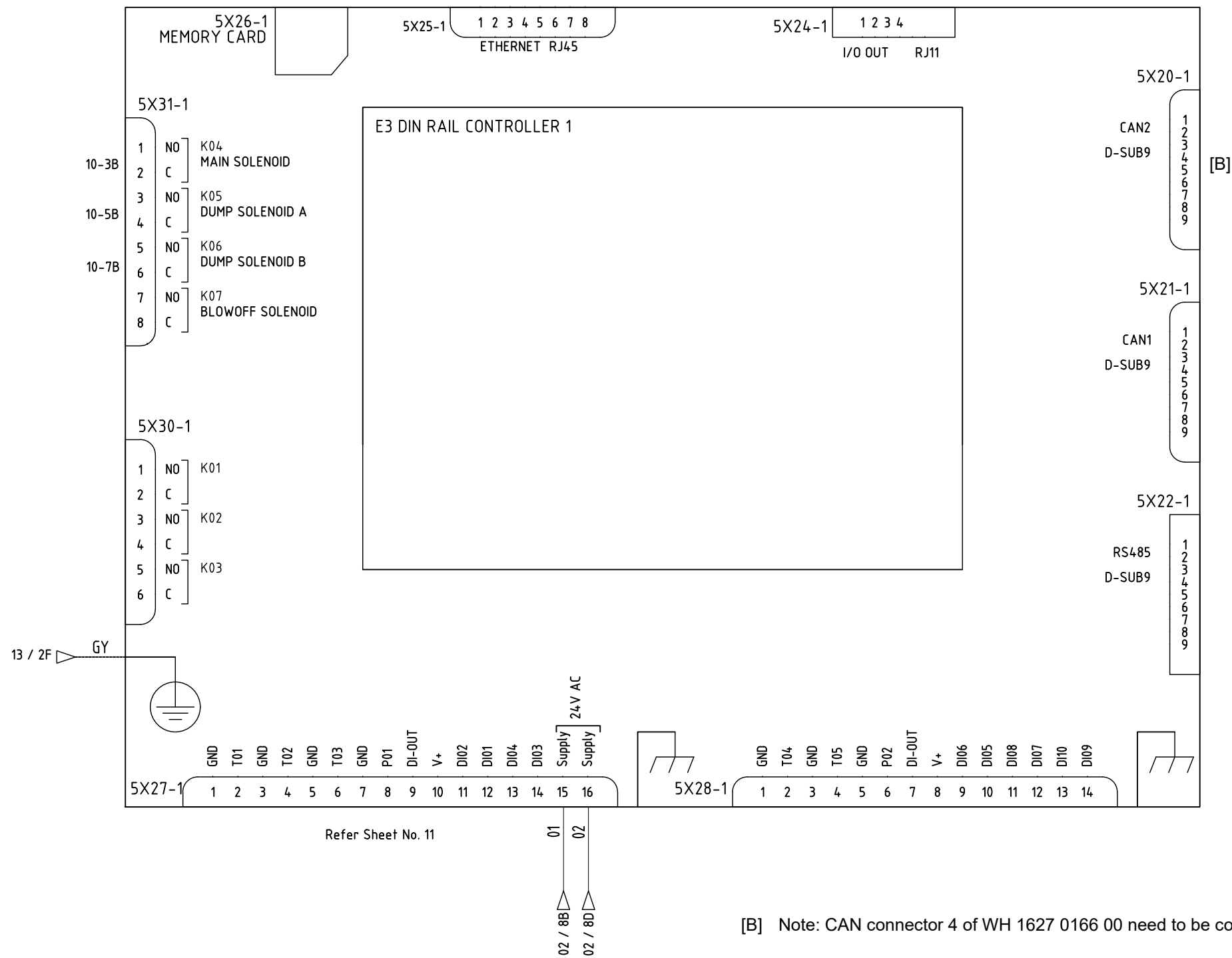


PLANT FAULT

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Material					N/A					1102 K/ 2			
Treatment					N/A					ACD			
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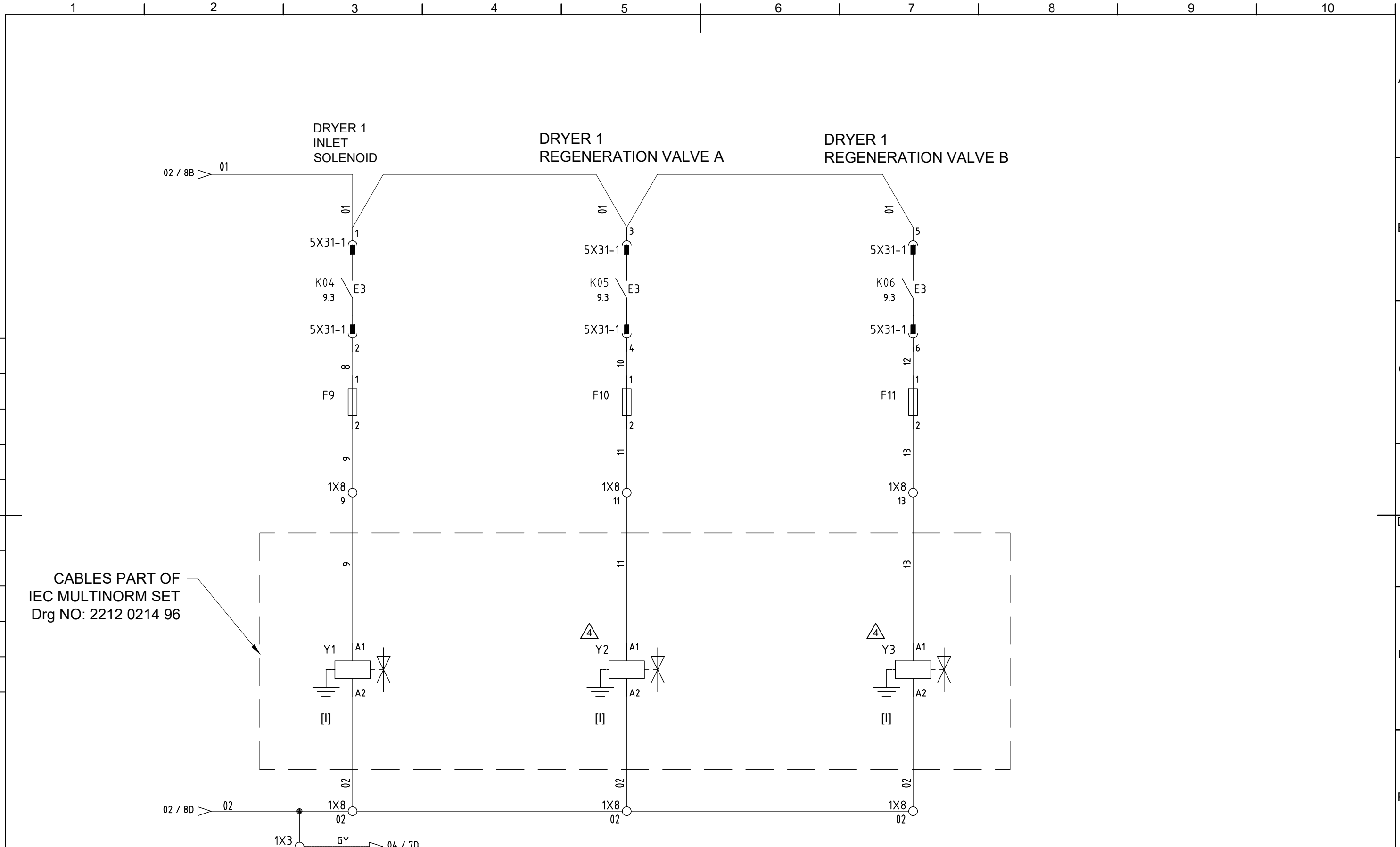
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Treatment		N/A				ACD				
Tolerances, if not indicated, according to:				Scale	--	Family	0	A3	Compare	Drawing owner
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ISSUED		Designation 2212 0215 09 Sheet 09 OF 16								

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Note	Position	Modified from	Date	Intr./Appd.	Parent 3D Model	Ed.Version 3D	

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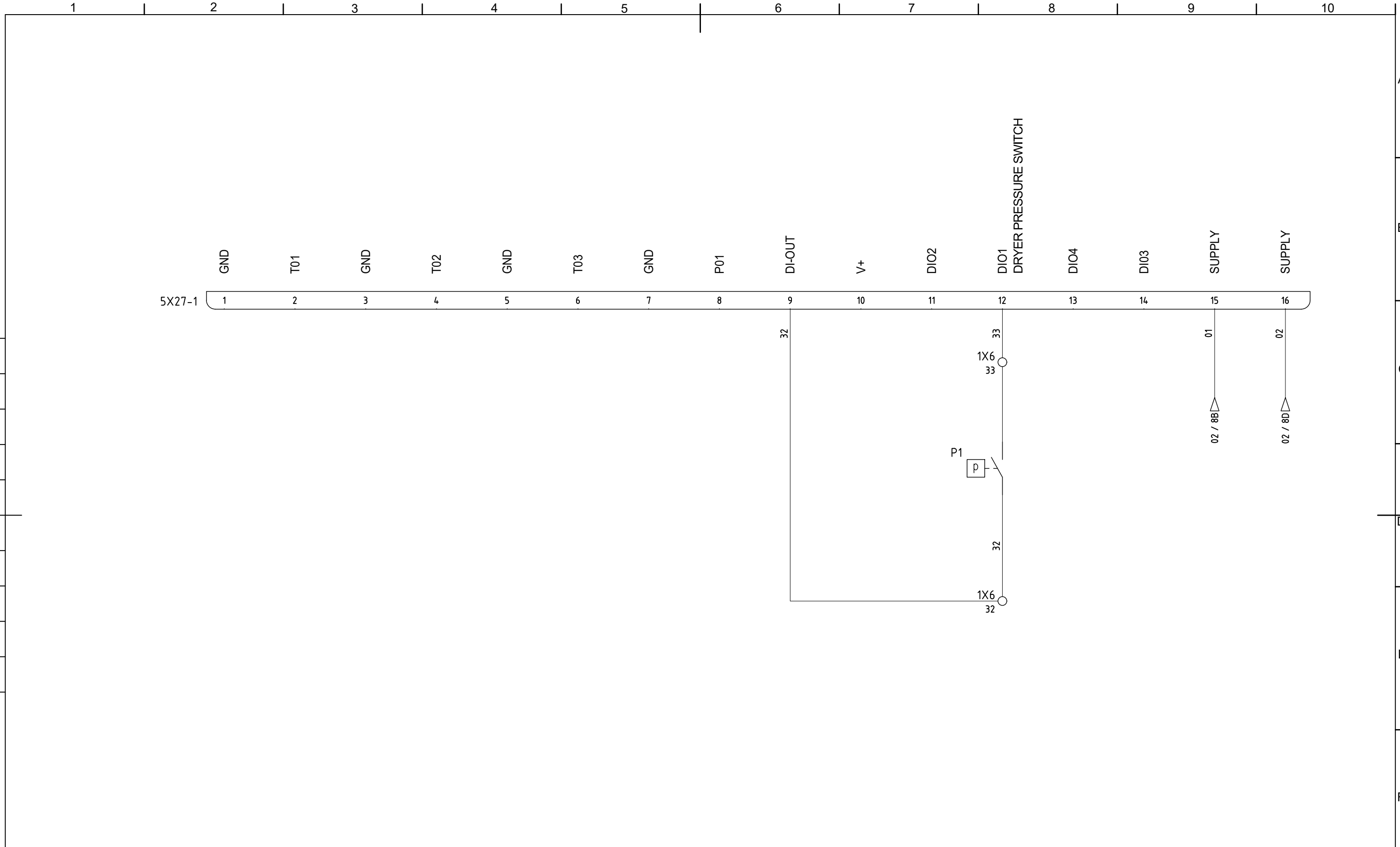
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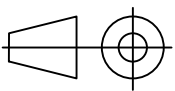
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Material				N/A				1102 K/ 2			
Treatment				N/A				ACD			
Tolerances, if not indicated, according to:						Scale		A3		Compare	
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Version Drwg				4.0		Blank wt.		0 Kg		Fini wt.	
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Designation				Sheet		10		OF		16	
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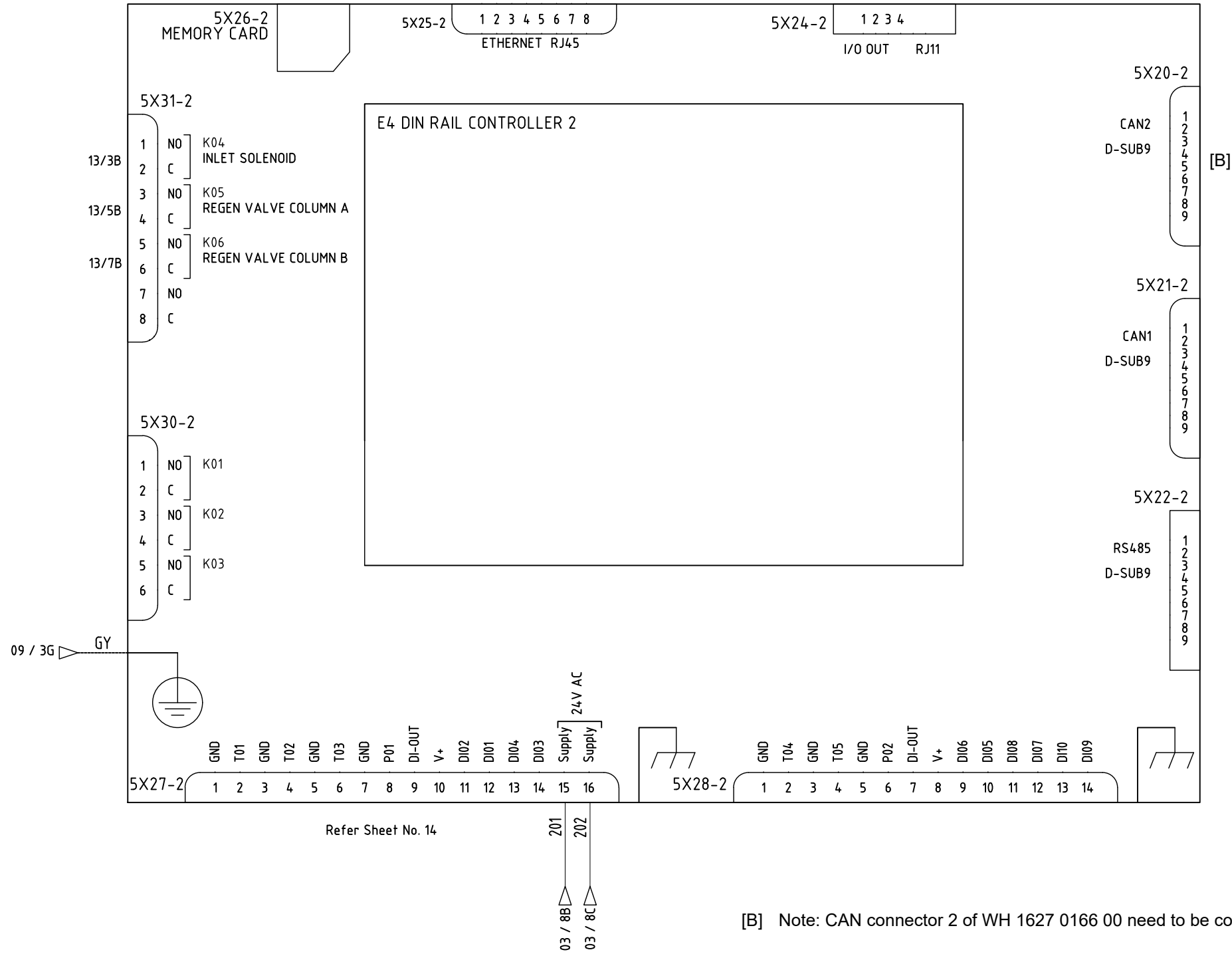


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ACM

2212 0215 09

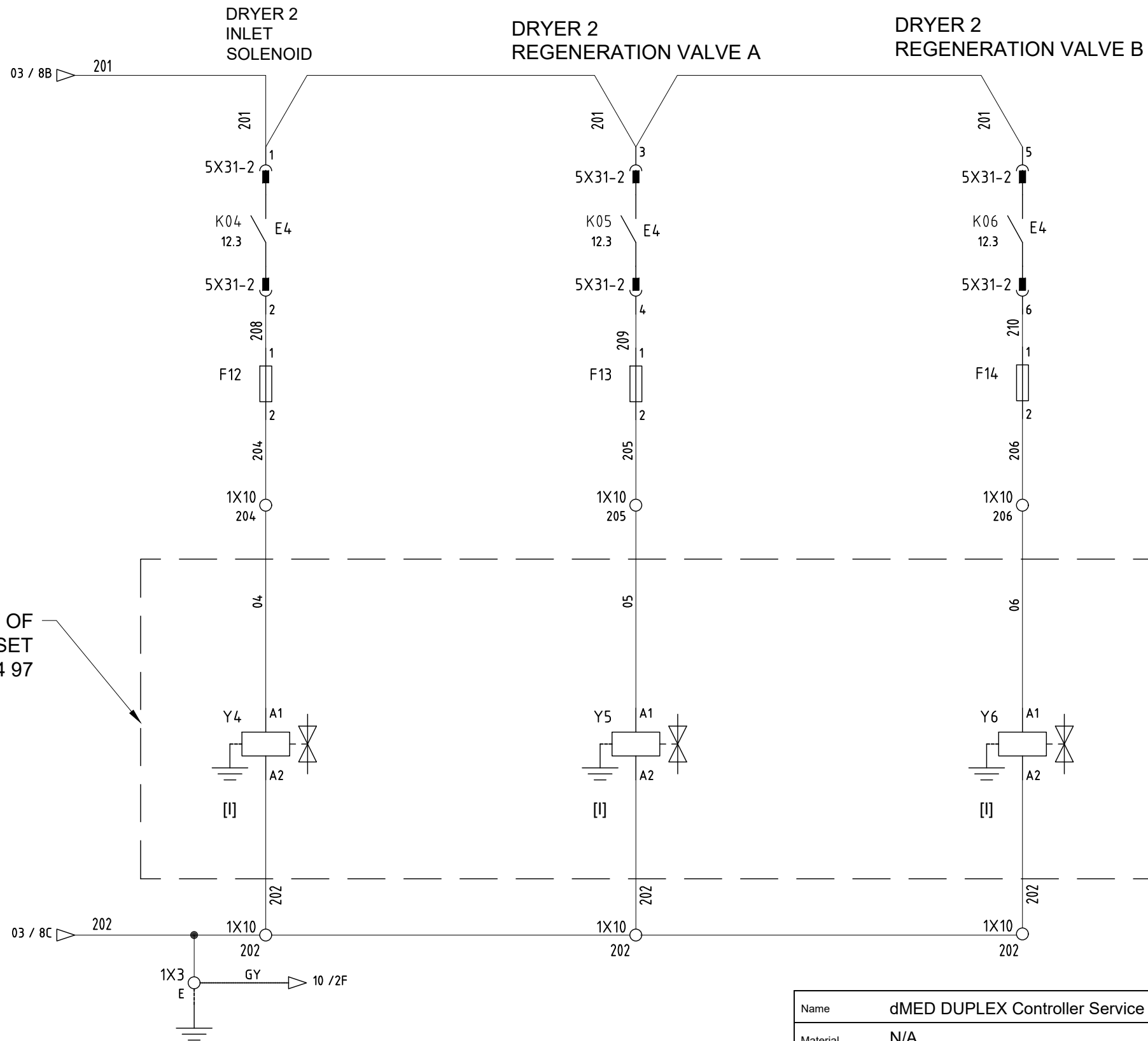


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Name		dMED DUPLEX Controller Service Diagram				Security Class			
Material		N/A				1102 K/ 2			
Treatment		N/A				ACD			
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Ed. Version 3D		GCFJTN		0		0		Drawing owner	
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ISSUED		4.0		0		0		Sheet 12 OF 16	
Des checked		Prod checked		Approved		Date		2212 0215 09	
						10-05-19			

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Note	Position	Modified from	Date	Intr./Appd.	Parent 3D Model	Ed. Version 3D			



CABLES PART OF IEC MULTINORM SET Drg NO: 2212 0214 97

Name			dMED DUPLEX Controller Service Diagram			Security Class										
Material			N/A			1102 K/ 2										
Treatment			N/A			ACD										
Tolerances, if not indicated, according to:					Scale		--		Family		0		A3		Compare	
Drawn by GCFJTN			Version Drwg 4.0		Blank wt. 0 Kg		Fini wt. 0 Kg		Designation Sheet 13 OF 16		Replaces		Drawing owner ACM			
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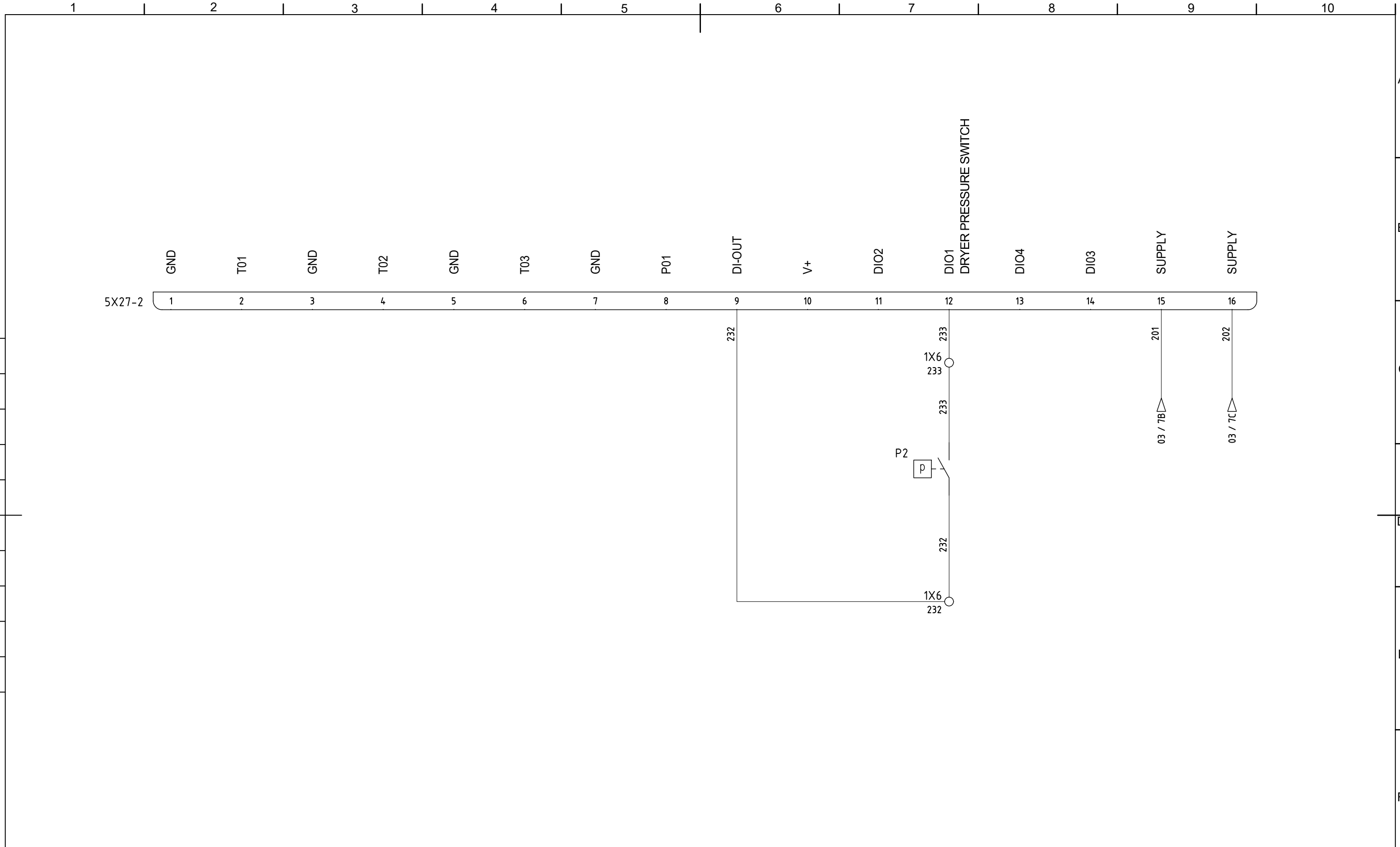
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				Tolerances, if not indicated, according to: ATLAS COPCO STANDARD Class						Scale: --		Family: 0		A3		Compare		Drawing owner					
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																						10-05-19	
										Blank wt. 0 Kg		Fini wt. 0 Kg		Designation		Sheet 14 OF 16		2212 0215 09					

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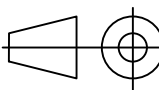
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LEGEND				
LOCATION	TAGNAME	SHEET	DESCRIPTION	FUNCTION
CANOPY	PDP01	7	DEWPOINT TRANSMITTER	
CANOPY	PT01	7	VESSEL	PRESSURE TRANSDUCER
CANOPY	PT02	7	LINE	PRESSURE TRANSDUCER
CANOPY	Y1	10	DRYER 1 INLET SOLENOID VALVE	DRYER 1
CANOPY	Y2 	10	DRYER 1 SIDE A REGENERATION VALVE	DRYER 1
CANOPY	Y3 	10	DRYER 1 SIDE B REGENERATION VALVE	DRYER 1
CANOPY	Y4	13	DRYER 2 INLET SOLENOID VALVE	DRYER 2
CANOPY	Y5	13	DRYER 2 SIDE A REGENERATION VALVE	DRYER 2
CANOPY	Y6	13	DRYER 2 SIDE B REGENERATION VALVE	DRYER 2
CONTROL PANEL	E1	4	REGULATOR	ELEKTRINOIKON GRAPHIC PLUS
CONTROL PANEL	2X20	4	CAN2	ELEKTRINOIKON GRAPHIC PLUS
CONTROL PANEL	2X21	4	CAN1	ELEKTRINOIKON GRAPHIC PLUS
CONTROL PANEL	2X22	4	RS485	ELEKTRINOIKON GRAPHIC PLUS
CONTROL PANEL	2X24	4	CONNECTOR	ELEKTRINOIKON GRAPHIC PLUS
CONTROL PANEL	2X25	4	ETHERNET	ELEKTRINOIKON GRAPHIC PLUS
CONTROL PANEL	2X27	4	CONNECTOR	ELEKTRINOIKON GRAPHIC PLUS
CONTROL PANEL	E3	9	REGULATOR	DIN RAIL CONTROLLER 1 - DRYER 1
CONTROL PANEL	5X27-1	11	CONNECTOR	
CONTROL PANEL	5X31-1	10	CONNECTOR	
CONTROL PANEL	E2	5	EXPANSION MODULE IO2	PURELOGIC GRAPHIC
CONTROL PANEL	3X23	5	CONNECTOR	IO EXPANSION - IO2
CONTROL PANEL	3X30	8	CONNECTOR	DIGITAL OUTPUTS
CONTROL PANEL	3X31	8	CONNECTOR	DIGITAL OUTPUTS
CONTROL PANEL	3X33	6	CONNECTOR	DIGITAL INPUTS
CONTROL PANEL	3X34	7	CONNECTOR	
CONTROL PANEL	3X35	5	CONNECTOR	

LEGEND				
LOCATION	TAGNAME	SHEET	DESCRIPTION	FUNCTION
CONTROL PANEL	F1	2	FUSE	TRANSFORMER 1 PROTECTION
CONTROL PANEL	F2	2	FUSE	TRANSFORMER 1 PROTECTION
CONTROL PANEL	F3	2	FUSES	24VAC CIRCUIT
CONTROL PANEL	F4	2	FUSE	24VAC CIRCUIT
CONTROL PANEL	F5	3	FUSE	TRANSFORMER 2 PROTECTION
CONTROL PANEL	F6	3	FUSE	TRANSFORMER 2 PROTECTION
CONTROL PANEL	F7	3	FUSE	24VAC CIRCUIT
CONTROL PANEL	F8	3	FUSE	24VAC CIRCUIT
CONTROL PANEL	F9	10	FUSE	SOLENOID Y1
CONTROL PANEL	F10	10	FUSE	SOLENOID Y2A
CONTROL PANEL	F11	10	FUSE	SOLENOID Y3A
CONTROL PANEL	F12	10	FUSE	SOLENOID Y4
CONTROL PANEL	F13	13	FUSE	SOLENOID Y5
CONTROL PANEL	F14	13	FUSE	SOLENOID Y6
CONTROL PANEL	F15	2	FUSE	OPTIONS PSU
CONTROL PANEL	F16	2	FUSE	OPTIONS PSU
CONTROL PANEL	F17	2	FUSE	OPTIONS IO EXPANSION - IO34
CONTROL PANEL	F18	2	FUSE	OPTIONS IO EXPANSION - IO34
CONTROL PANEL	E4	12	REGULATOR	DIN RAIL CONTROLLER 2
CONTROL PANEL	5X27-2	14	CONNECTOR	DIN RAIL CONTROLLER 2
CONTROL PANEL	5X31-2	13	CONNECTOR	DIN RAIL CONTROLLER 2
CONTROL PANEL	P1	11	DRYER PRESSURE SWITCH	
CONTROL PANEL	T1	2	MAIN TRANSFORMER	CONTROL CIRCUIT
CONTROL PANEL	T2	3	MAIN TRANSFORMER	CONTROL CIRCUIT
CONTROL PANEL	P2	14	DRYER PRESSURE SWITCH	
CUSTOMER	S0	2	MAIN SWITCH	CUSTOMER INSTALLATION
CUSTOMER	S0-1	3	MAIN SWITCH	CUSTOMER INSTALLATION

4.0	Various	Update drawing references (TCR9925)	06/11/19/	GCFPB			1
Note	Position	Modified from	Date	Intr./Appd.	Parent 3D Model	Ed.Version 3D	

Tolerances, if not indicated, according to:
ATLAS COPCO STANDARD Class

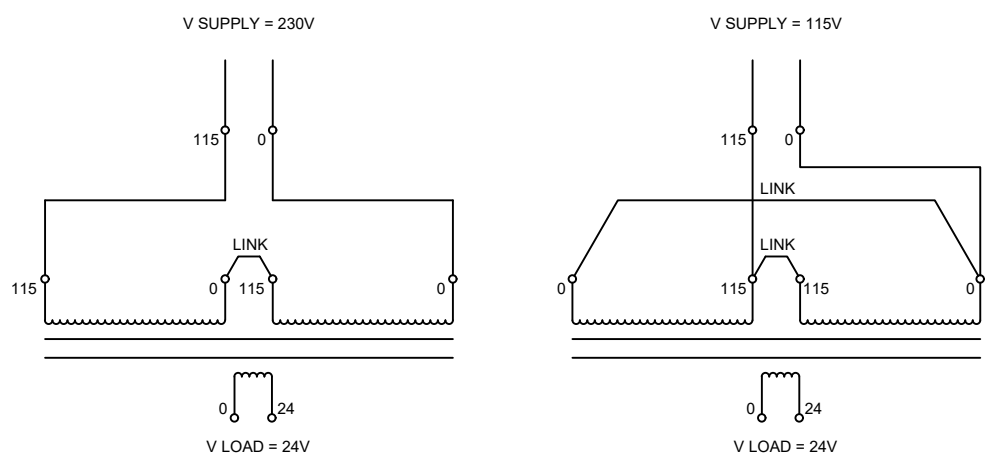
Name		dMED DUPLEX Controler Service Diagram			Secrecy Class		
Material		N/A			1102 K/ 2		
Treatment		N/A			ACD		
Scale		--		Family	0	A3	Compare
Drawn by		GCFJTN		Blank nr.	0		Replaces
Version Drwg		4.0		Blank wt.	0 Kg	Fini wt.	0 Kg
STATUS		ISSUED		Des checked	Prod checked	Approved	Date
						10-05-19	
				Designation		Sheet 15 OF 16	
				2212 0215 09			
				Drawing owner		ACM	

A
B
C
D
E
F
G

NOTES :

- [A] Maximum fuses with regard to short circuit protection of starter.
- [B] Note: CAN connector 2 of WH 1627 0166 00 need to be connected to CAN2
- [C] For field wiring: use copper wire only
- [E] Tightening torque of bolts:
 For contactors
 metric thread size M6 8Nm (6lbft)
 metric thread size M8 20Nm (15lbft)
 metric thread size M10 40Nm (29lbpf)

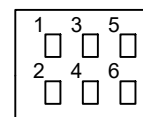
 For terminal
 metric thread size M6 3Nm (2lbft)
 metric thread size M8 6Nm (4lbft)
 metric thread size M10 10Nm (7lbft)
- [F] Transformer connections for 115 or 230V supply



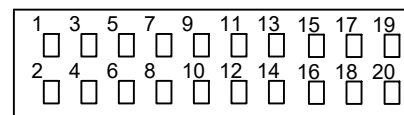
- [G] Remove wire when installing a reserve manifold pressure switch as input
- [H] Note: CAN connector 3 of WH 1627-0166-00 need to be connected to CAN2
- [I] F.P.C.Field Provided Components 24VAC
- [J] OPTION - service diagram 2212 0216 12
- [K] OPTION - service diagram 2212 0216 18
- [L] OPTION - service diagram 2212 0216 30

Marking of connectors

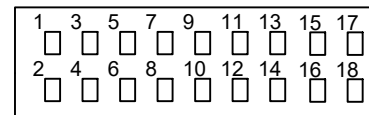
3X31



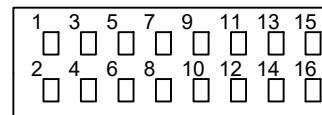
3X33



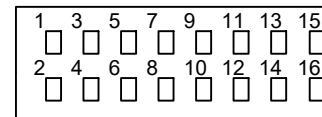
3X34



5X27-1



5X27-2



CONFIDENTIAL:

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Name		dMED DUPLEX Controller Service Diagram				Secrecy Class			
Material		N/A				1102 K/ 2			
Treatment		N/A				ACD		Drawing owner	
Tolerances, if not indicated, according to:		Scale		Family		A3		Compare	
ATLAS COPCO STANDARD Class		--		0				Replaces	
STATUS		Drawn by		Blank nr.		Kg		ACM	
ISSUED		GCFJTN		0		0		Designation	
Version Drwg		Blank wt.		Kg		Kg		Sheet 16 OF 16	
4.0		0		0		0		2212 0215 09	
Des checked		Prod checked		Approved		Date			
						10-05-19			

4.0	Various	Update drawing references	06/11/19	GCFPB			1	
Note	Position	Modified from	Date	Intr./Appd.	Parent 3D Model	Ed.Version 3D		

SHEET	DESCRIPTION
1	INDEX
2	POWER CIRCUIT
3	POWER CIRCUIT
4	SUPPLY CONTROL CIRCUIT
5	CONTROL CIRCUIT
6	CONTROL CIRCUIT CONVERTER
7	REGULATOR MK5S
8	INPUT CONNECTIONS 2X27
9	INPUT CONNECTIONS 2X28
10	POTENTIAL FREE CONTACTS
11	LEGEND
12	LEGEND
13	NOTES

01

INSTALLED	OPTIONAL COMPONENTS
	S10: mainswitch
	Energy recovery TT53 : Temp. sensor energy recovery IN TT54 : Temp. sensor energy recovery OUT

MAIN POWER SUPPLY

VOLTAGE :	V
FREQ :	Hz 3 PH

MAX FUSE	
..... A	
380-400-460 V	
IEC	aR

Use of Circuit Breaker i.s.o. Main Fuses is not allowed.

SETTINGS

Q15	0.5 A
-----	-------

MOTOR DATA

01

M1	kW	SF : 1.25
M2	kW	

DRYER DATA

A1	kW
----	----

FUSE VALUES

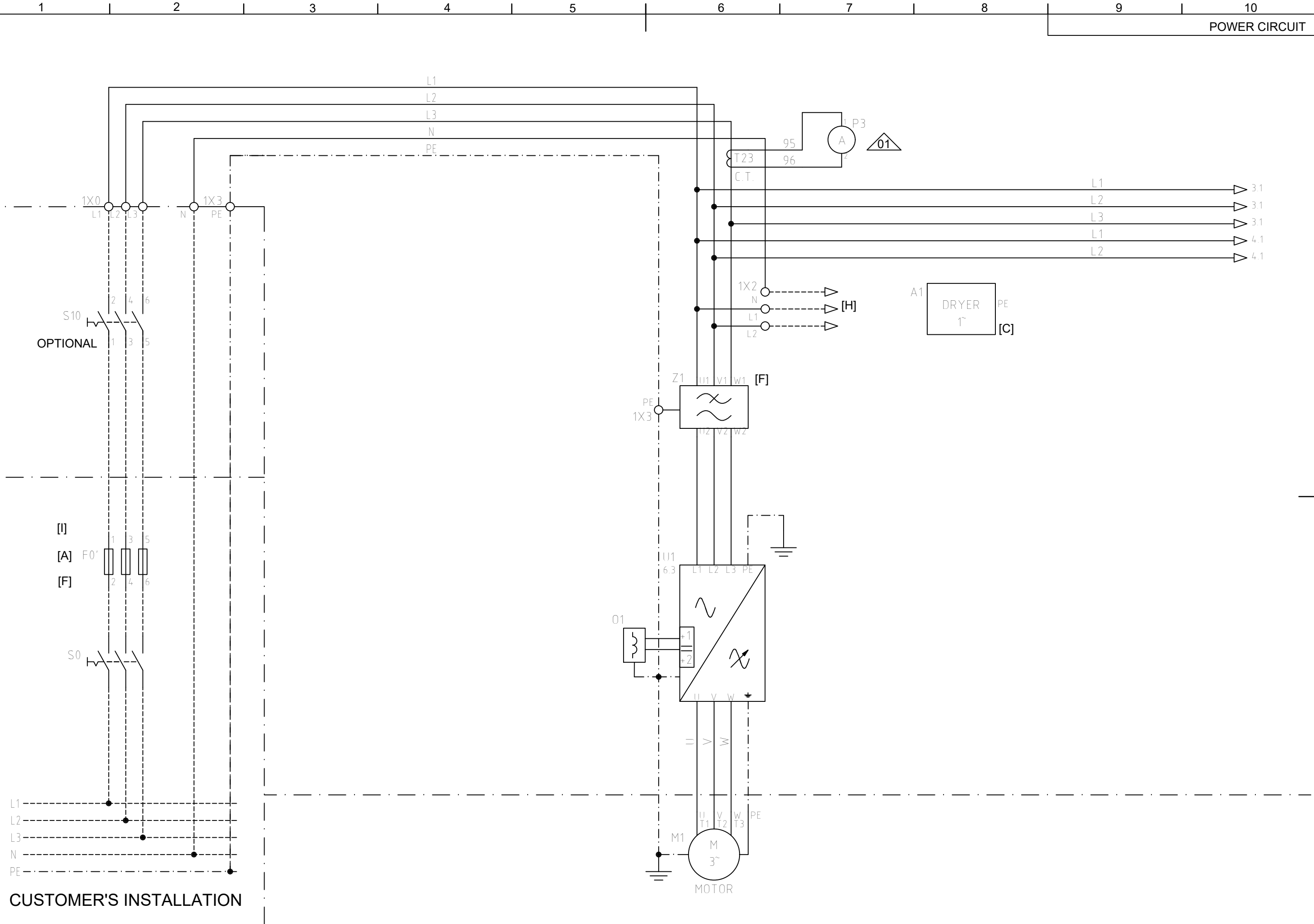
01

F4	1.25 A
F5	1.25 A
F6	1.25 A

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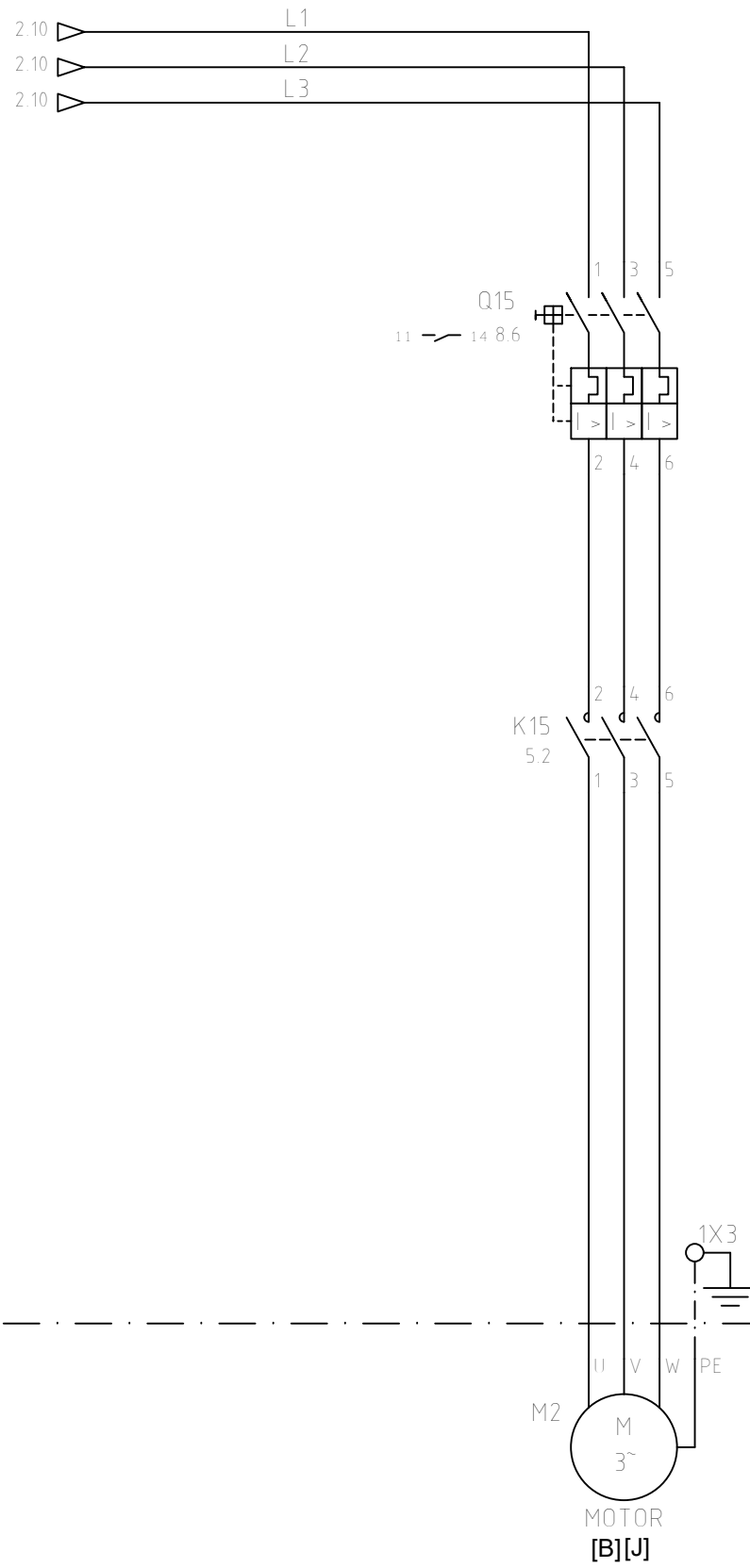
Name	DIAGRAM SERVICE	GA7-15 VSD+ MAS MK5s	Confidentiality Class	1102 K/ Confidential						
Material	Not Applicable			ACDE						
Treatment	Not Applicable				Drawing owner API					
	Scale	1:1	Family	Not Applicable		A3	Compare			
	Drawn by	APAC\INEjn	Blank nr.	Not Applicable		Replaces				
	Version Drwg	01	Blank wt.	N/A	Kg	Fini wt.	0	Kg	Designation	Sheet 01 (13)
	STATUS	Approved	Des checked.	Prod checked.	Approved.	Date	1/11/2018 17:14:48	9820694701		

01		Addition of analog ammeter & removal of IO2	05-02-2019			Not Applicable	Not Applicable
Note	Position	Modified from	Date	Intr./Appd.	Parent 3D Model	Ed.Version 3D	



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	ACDE	Name	DIAGRAM SERVICE	GA7-15 VSD+ MAS MK5s	STATUS	Ed.	Date	Prev. Page 1	Next Page 3	A3	Designation	Sheet 2 (13)
	Drawing owner API				Approved	01	05-02-2019	Drawn by APAC\INEjn	Date 1/11/2018 17:14:53	9820694701		



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ACDE
Drawing owner API

Name DIAGRAM SERVICE

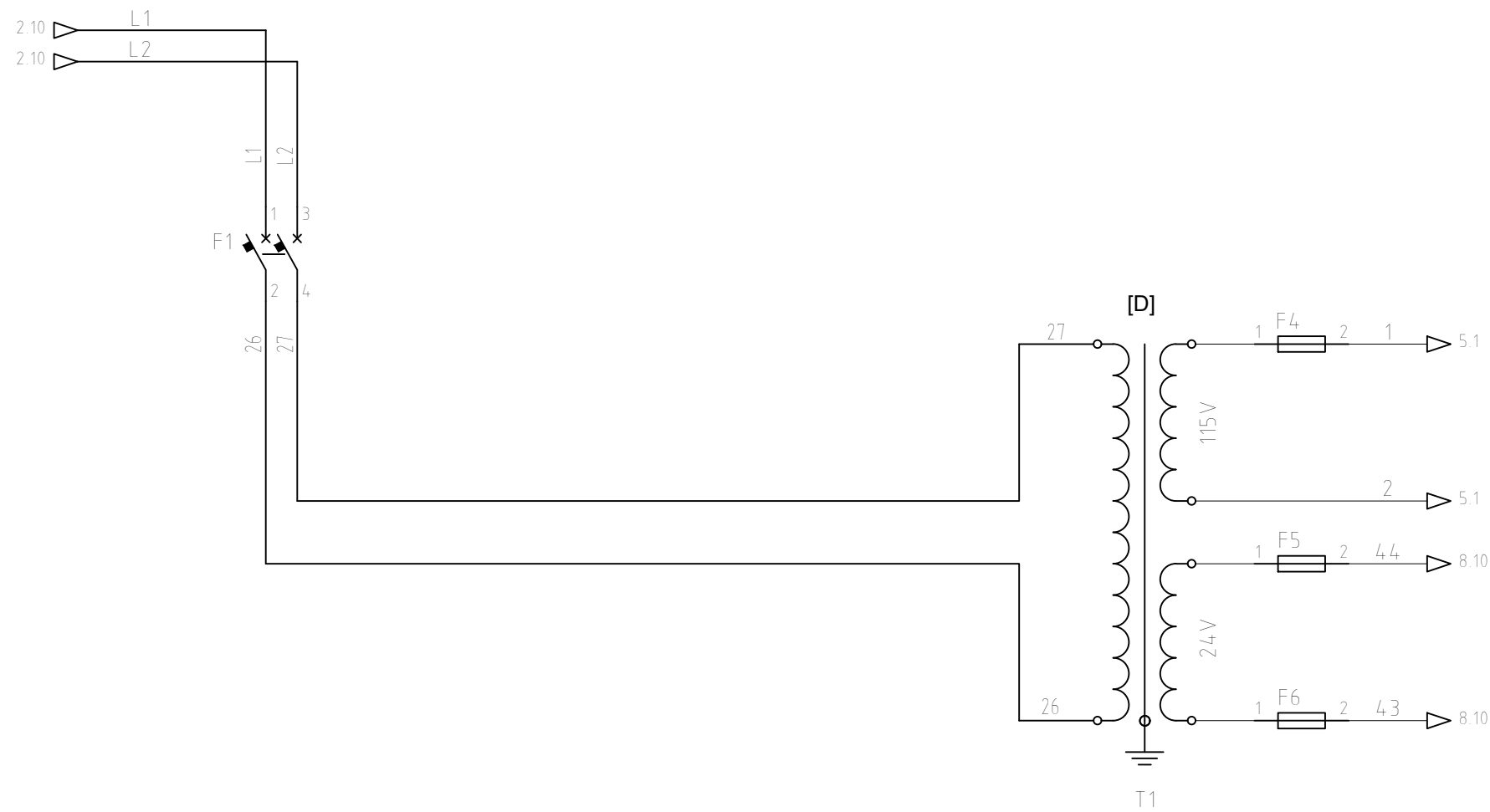
GA7-15 VSD+ MAS MK5s

STATUS	Ed.	Date	Prev. Page 2	Next Page 4	A3
Approved	01	05-02-2019	Drawn by APAC\INEjn	Date 1/11/2018 17:14:57	

Designation	Sheet 3 (13)
9820694701	

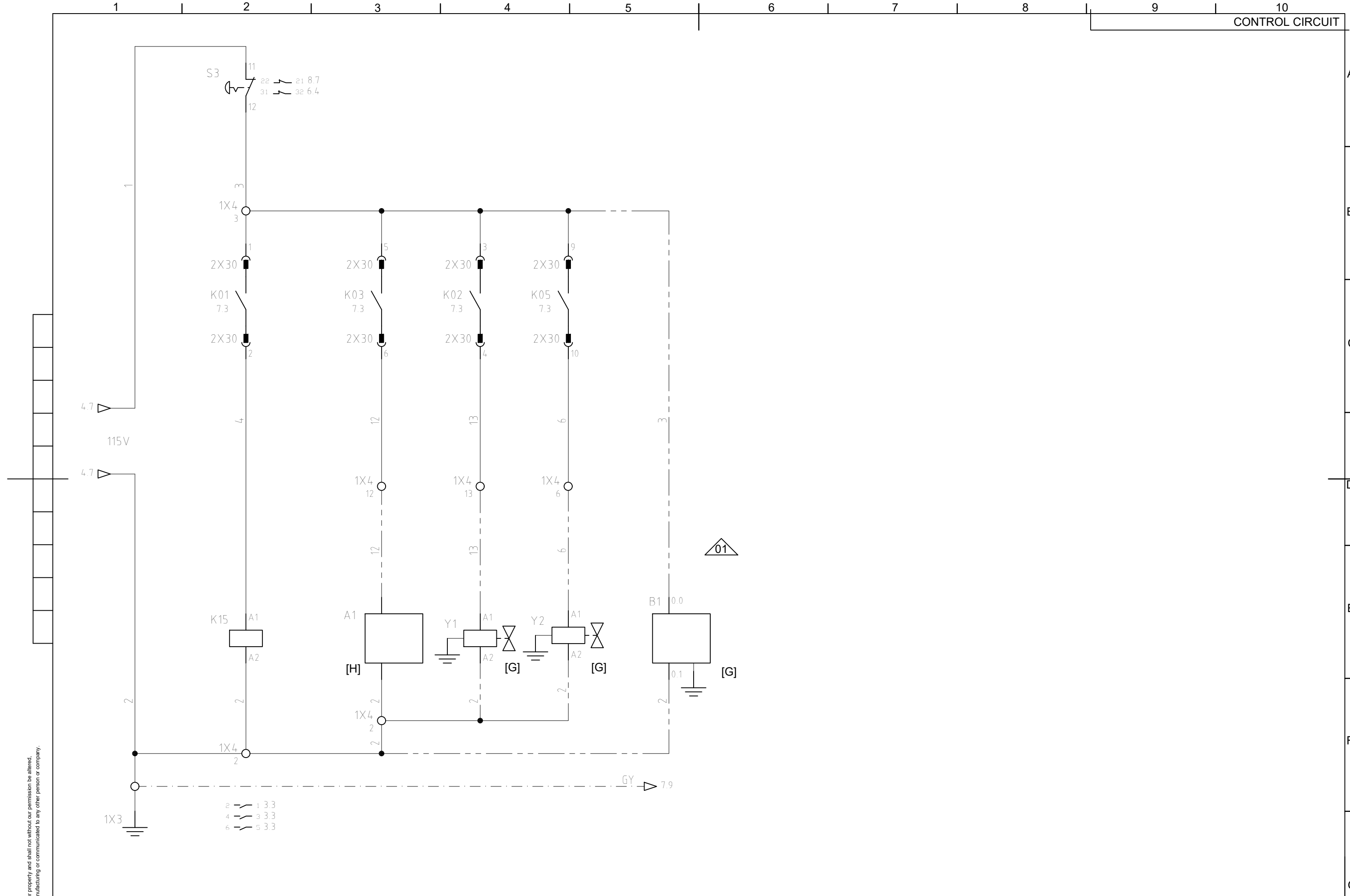
1 2 3 4 5 6 7 8 9 10

A
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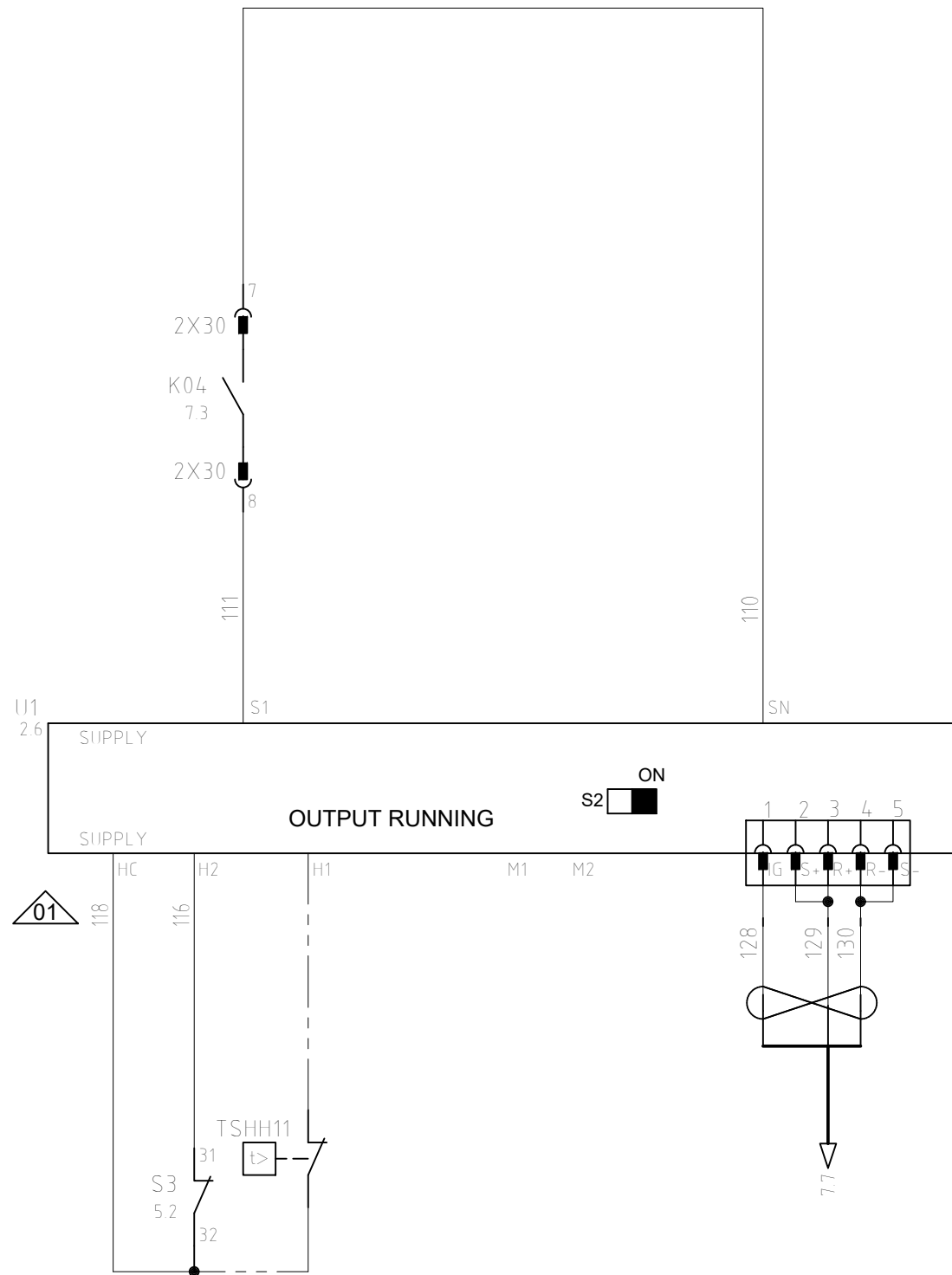
	ACDE	Name	DIAGRAM SERVICE	GA7-15 VSD+ MAS MK5s	STATUS	Ed.	Date	Prev. Page 3	Next Page 5	A3	Designation	Sheet 4 (13)
	Drawing owner API				Approved	01	05-02-2019	Drawn by APAC\INEjn	Date 1/11/2018 17:15:00	9820694701		



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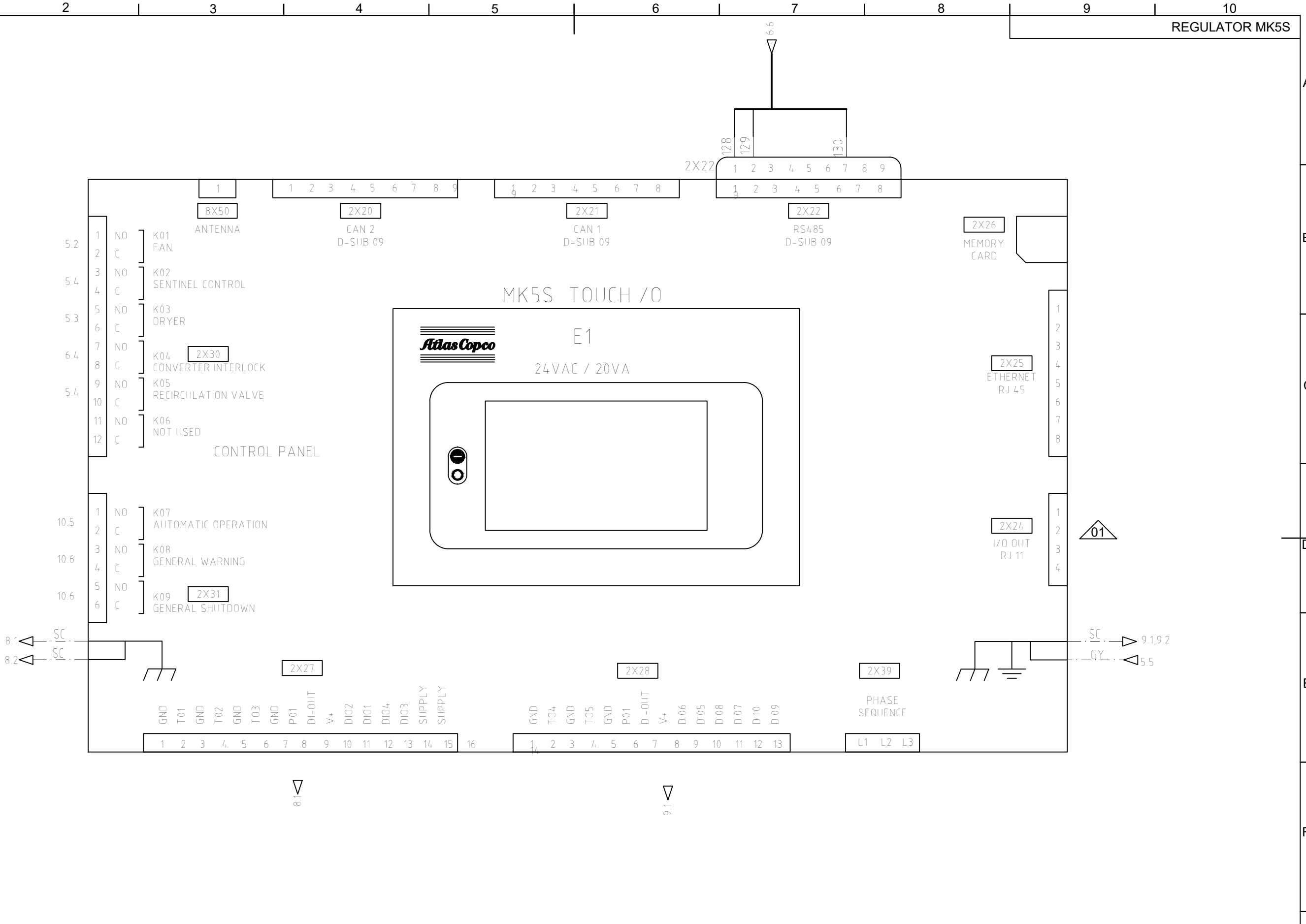
	ACDE	Name	DIAGRAM SERVICE	GA7-15 VSD+ MAS MK5s	STATUS	Ed.	Date	Prev. Page 4	Next Page 6	A3	Designation	Sheet 5 (13)
	Drawing owner API				Approved	01	05-02-2019	Drawn by APAC\INEjn	Date 1/11/2018 17:15:04		9820694701	

CONVERTER CONTROL



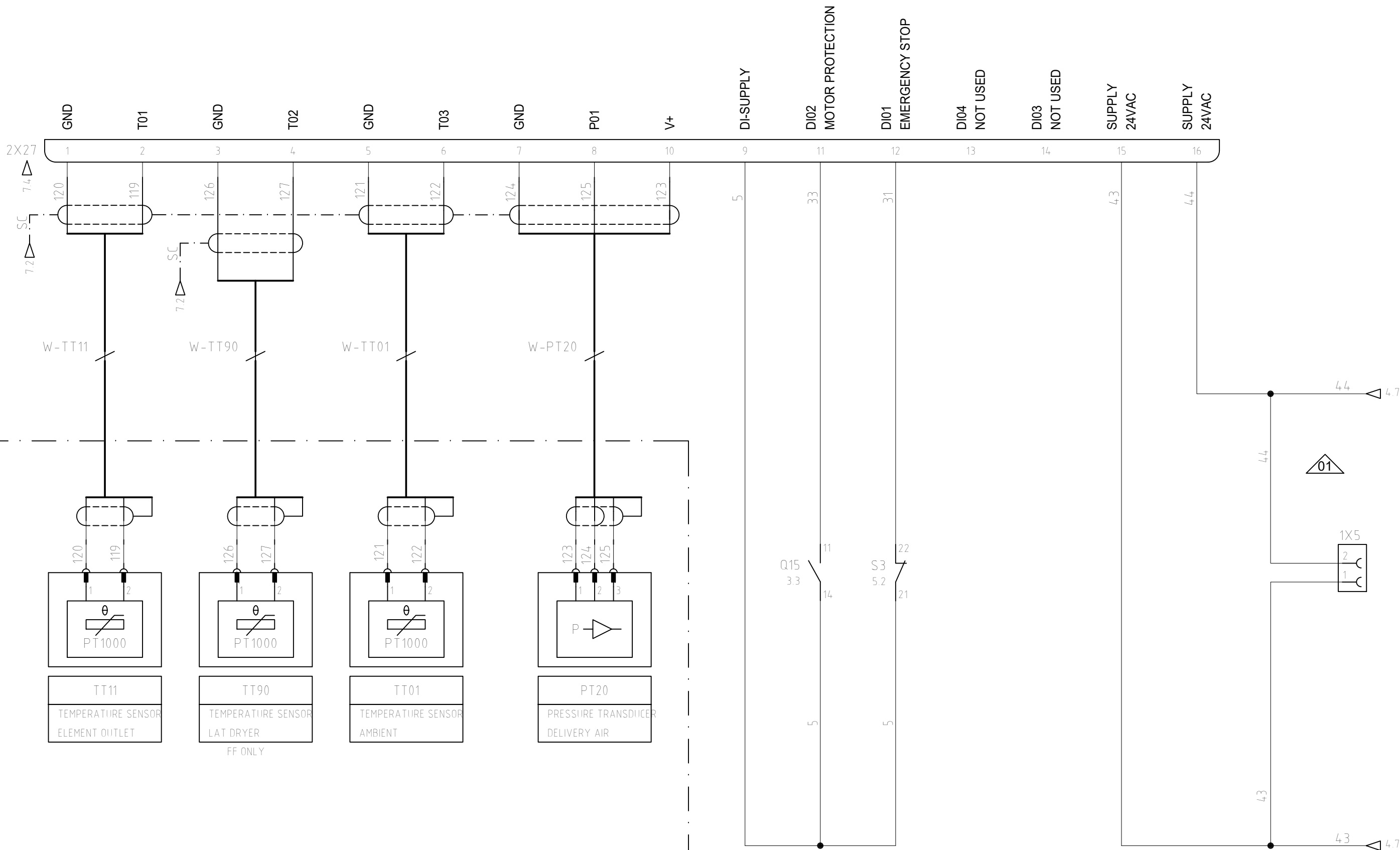
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	ACDE	Name	DIAGRAM SERVICE	GA7-15 VSD+ MAS MK5s	STATUS	Ed.	Date	Prev. Page 5	Next Page 7	A3	Designation	Sheet 6 (13)
	Drawing owner				API	Approved	01	05-02-2019	Drawn by	APAC\INEjn	Date	1/11/2018 17:15:05



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	ACDE	Name DIAGRAM SERVICE	GA7-15 VSD+ MAS MK5s	STATUS	Ed.	Date	Prev. Page 6	Next Page 8	A3	Designation	Sheet 7 (13)
	Drawing owner API			Approved	01	05-02-2019	Drawn by APAC\INEjn	Date 1/11/2018 17:15:10	9820694701		



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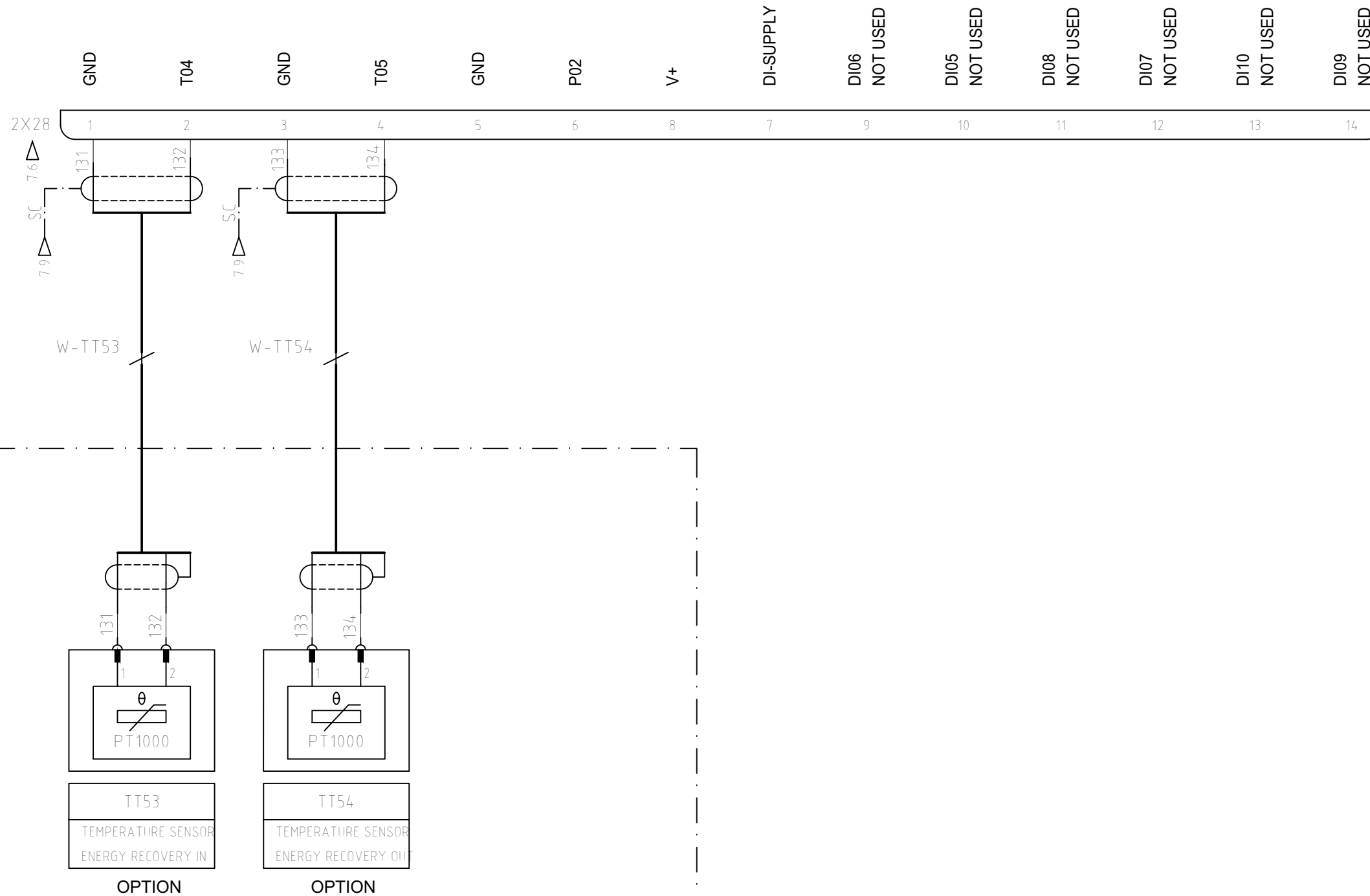


ACDE
Drawing owner
API

Name DIAGRAM SERVICE

GA7-15 VSD+ MAS MK5s

STATUS	Ed.	Date	Prev. Page 7	Next Page 9	A3	Designation	Sheet 8 (13)
Approved	01	05-02-2019	Drawn by APAC\INEjn	Date 1/11/2018 17:15:14		9820694701	



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ACDE
Drawing owner
API

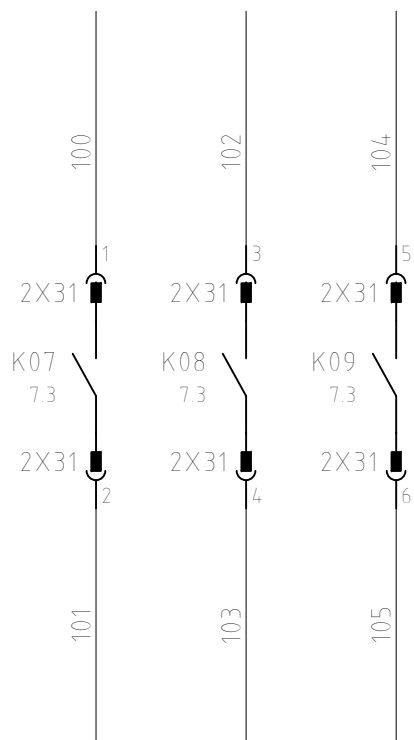
Name DIAGRAM SERVICE

GA7-15 VSD+ MAS MK5s

STATUS	Ed.	Date	Prev. Page 8	Next Page 10	A3
Approved	01	05-02-2019	Drawn by APAC\INEjn	Date 1/11/2018 17:15:18	

Designation 9820694701
Sheet 9 (13)

POTENTIAL FREE CONTACTS



AUTOMATIC OPERATION

GENERAL WARNING

GENERAL SHUTDOWN

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ACDE
Drawing owner
API

Name DIAGRAM SERVICE

GA7-15 VSD+ MAS MK5s

STATUS
Approved

Ed.
01

Date
05-02-2019

Prev. Page 9
Next Page 11
Drawn by
APAC\INEjn

Date
1/11/2018 17:15:27

Designation
Sheet 10 (13)
9820694701

LOCATION	TAGNAME	SHEET	DESCRIPTION	FUNCTION
COMPRESSOR	A1	2	REFRIGERENT DRYER	
COMPRESSOR	M1	2	MOTOR	MAIN
CONTROL PANEL	P3	2	AMMETER	INPUT CURRENT MEASUREMENT
CONTROL PANEL	O1	2	DC CHOKE	
CONTROL PANEL	T23	2	CURRENT TRANSFORMER	
CONTROL PANEL	Z1	2	EMC FILTER	IT VERSION 380..500V ONLY
CUSTOMER	S0	2	MAIN SWITCH	CUSTOMER INSTALLATION
CUSTOMER	S10	2	MAIN PROTECTION	CUSTOMER INSTALLATION
CUSTOMER	F0'	2	MAIN PROTECTION	CUSTOMER INSTALLATION
COMPRESSOR	M2	3	MOTOR	FAN
CONTROL PANEL	Q15	3	CIRCUIT BREAKER	FAN MOTOR
CONTROL PANEL	F6	4	FUSE	CONTROL CIRCUIT 24V
CONTROL PANEL	F5	4	FUSE	CONTROL CIRCUIT 24V
CONTROL PANEL	F4	4	FUSE	CONTROL CIRCUIT 115V
CONTROL PANEL	T1	4	TRANSFORMER	CONTROL CIRCUIT
CONTROL PANEL	F1	4	CIRCUIT BREAKER	CONTROL TRANSFO PROTECTION
COMPRESSOR	Y2	5	SOLENOID VALVE	RECIRCULATION VALVE
COMPRESSOR	A1	5	DRYER	CONTROL
COMPRESSOR	B1	5	ELECTRONIC DRAIN	COOLER
COMPRESSOR	Y1	5	SOLENOID VALVE	BLOW OFF
CONTROL PANEL	K15	5	CONTACTOR	FAN MOTOR
CONTROL PANEL	2X30	5	CONNECTOR	ELEKTRONIKON MK5S GRAPHIC
CONTROL PANEL	S3	5	EMERGENCY STOP PUSH BUTTON	
COMPRESSOR	TSHH11	6	TEMPERATURE SWITCH	ELEMENT OUTLET
CONTROL PANEL	U1	6	FREQUENCY CONVERTER	MAIN MOTOR
CONTROL PANEL	2X24	7	CONNECTOR	RJ11 - I/O
CONTROL PANEL	2X26	7	MEMORY CARD	ELEKTRONIKON MK5S GRAPHIC
CONTROL PANEL	E1	7	REGULATOR MK5S	ELEKTRONIKON MK5S GRAPHIC
COMPRESSOR	TT01	8	TEMPERATURE SENSOR	AMBIENT
COMPRESSOR	PT20	8	PRESSURE TRANSDUCER	DELIVERY AIR
COMPRESSOR	TT90	8	TEMPERATURE SENSOR	LAT DRYER

01

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LOCATION	TAGNAME	SHEET	DESCRIPTION	FUNCTION
COMPRESSOR	TT11	8	TEMPERATURE SENSOR	ELEMENT OUTLET
CONTROL PANEL	1X5	8	CONNECTOR	SUPPLY DOWNLOAD REGULATOR
CONTROL PANEL	2X27	8	CONNECTOR	ELEKTRONIKON MK5S GRAPHIC
COMPRESSOR	TT54	9	TEMPERATURE SENSOR	ENERGY RECOVERY OUT
COMPRESSOR	TT53	9	TEMPERATURE SENSOR	ENERGY RECOVERY IN
CONTROL PANEL	2X28	9	CONNECTOR	ELEKTRONIKON MK5S GRAPHIC
CONTROL PANEL	2X31	10	CONNECTOR	ELEKTRONIKON MK5S GRAPHIC

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NOTES :

- [A] Maximum fuses with regard to short circuit protection of starter.
Cable section might impose fuses of smaller value.
- [B] Power supply to be connected for :
1. CLOCKwise rotation of fanmotor
- [C] dryer connection depending on main power supply
- [D] To connect correct transfo-voltage see on transfo
- [F] For field wiring : use copper wire only
- [G] F.P.E. field provided equipment
Y1: 115V 17VA
Y2: 115V 17VA
B1:115V 7VA
- [H] Dryer connection:
In case of main power supply:
400V + N 9827 6997 00
All other voltages: See 9829 6996 00

Main power supply	Dryer transfo prim.	Dryer transfo sec.	
460	460	230	01
400	400	230	
380	380	230	

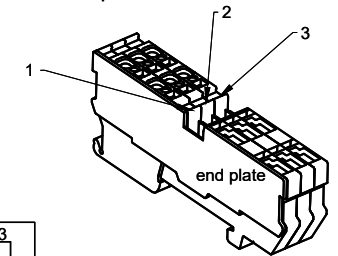
[I] Tightening Torque Values:

Component	Reference	Connection Type	Torque Min-Max (Nm)	Unit
EMC Filter	Z1	PE Bolt M5	1,1 - 1,3	GA7-15VSD+
EMC Filter	Z1	Terminal Screw / PE Bolt M6	1.5 - 1.8	GA7-15VSD+ (IT)
Inverter	U1	PE-Bolt M4	1,2 - 1,5	GA7VSD+
Inverter	U1	PE-Bolt M5	2 - 2,5	GA11VSD+
Inverter	U1	PE-Bolt M5	2 - 2,5	GA15VSD+
Circuit Breaker	F1	Terminal Screw (M3,5)	2,8	GA7-15VSD+
Circuit Breaker	Q15	Terminal Screw (M3,5)	0,8 - 1,2	GA7-15VSD+
Contactora	K15	Terminal Screw (M3)	0,8 - 1,2	GA7-15VSD+
Terminal	1X0	Terminal Screw (M5)	2,5 - 3	GA7-15VSD+
Terminal	1X0:N	Terminal Screw (M5)	2,5 - 3	GA7-15VSD+
Terminal	1X0:PE	Terminal Screw (M5)	2,5 - 3	GA7-15VSD+
Terminal	1X0:PE	Terminal Screw (M4)	1,5 - 1,8	GA7-15VSD+

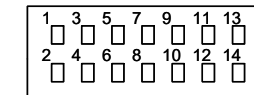
- [J] For left turning electro-magnetic field, connections: U,V,W
For right turning electro-magnetic field (Europe), connections: U,W,V

Marking of connectors and terminals

Terminal #1 = Terminal with end plate

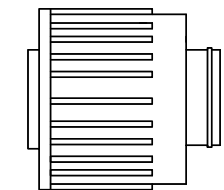
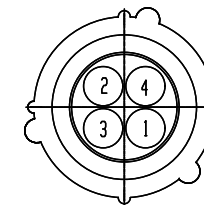


2X27, 2X28



Pressure transducer pin configuration

- 1 : Supply V+
- 2 : Ground
- 3 : Signal
- 4 : Sealed with dummy



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