Base Load Power Hub (BLPH)

INSTRUMENT AIR PACKAGE A-63000

PACKAGE WIRING DIAGRAM

INCLUDING LAYOUT OF PACKAGE CONTROL PANEL 63-LP-001

Document Number: 1724000428-MAC-DG-00009

Document Class: 2

04	24/01/2025	Accepted for Construction (AFC)	GT	MC	TM
03	13/12/2024	Accepted for Construction (AFC)	GT	MC	TM
02	22/10/2024	Accepted for Construction (AFC)	GT	MC	TM
01	01/07/2024	Issue for Review (IFR)	GT	MC	TM
00	10/05/2024	Issue for Review (IFR)	GT	MC	TM
Rev.	Date	Description	Prepared	Reviewed	Approved

COES

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	PREPARED	CHECKED AND APPROVED	CUSTOMER APPROVAL	DATE	DESCRIPTION
	ASSOLARI O.	TIRABOSCHI T.		08.05.2024	FIRST ISSUE
A	ASSOLARI O.	TIRABOSCHI T.		30.05.2024	ACCORDING TO CUSTOMER COMMENTS
B	ASSOLARI O.	TIRABOSCHI T.		01.08.2024	ACCORDING TO CUSTOMER COMMENTS
C	ASSOLARI O.	TIRABOSCHI T.		04.09.2024	AS-BUILT
D	ASSOLARI O.	TIRABOSCHI T.		18.11.2024	COMMENTS AFTER COMMISSIONING
E					
F					

	PREPARED	CHECKED AND APPROVED	CUSTOMER APPROVAL	DATE	DESCRIPTION
G					
H					
I					
L					
M					
N					

TEST CERTIFICATE N	2024.135

ELECTRICAL CABINET	=PLANT +LOCATION	WORK ORDER SERIAL NUMBER

TITLE

COMMAND AND CONTROL SWITCHBOARDS DRYER GENERATION PACKAGE 63-LP-001 WIRING DIAGRAM

REF. Netherlands

TECHNICAL AND CONSTRUCTIVE FEATURES

ELECTRICAL

RATED VOLTAGE:

RATED FREQUENCY:
50Hz

RATED CURRENT:
32A

AUXILIARY CIRCUIT SUPPLY:
230Vac~ 24Vdc

SHORT CIRCUIT CURRENT:
10kA

EARTH BUSBAR SECTION:
Cu 20x5 mm²

REFERENCE STANDARDS:
IEC 61439-1

MECHANICALS

DEGREE OF PROTECTION (INT.):
IP20

DEGREE OF PROTECTION (EXT.):
IP66

INTERNAL PAINTING:
STEEL

EXTERNAL PAINTING:
STEEL

SEGREGATION FORM:
--

PAINTING PROCEDURE:

DOCUMENT NUMBER:
1724000428-MAT-PRO-00022

INSTALLATION CONDITIONS

ENVIRONMENT TEMPERATURE:
-5° - 41°C

RELATIVE HUMIDITY:
90%

ALTITUDE:
<= 1000mt s.l.m.

INSTALLATION:
FOR EXTERNAL

CABLE INCOMING:
FROM LOW

CABLE OUTGOING:
FROM LOW

WIRING

COLORS

POWER CIRCUITS:
BLACK

ac AUXILIARY CIRCUITS:
BLACK

dc AUXILIARY CIRCUITS:
BLACK

CIRCUITS NOT ISOLATED BY GENERAL DEVICE:
ORANGE

EARTH CIRCUITS:
YELLOW/GREEN

SECTIONS

POWER CIRCUITS:
MINIMUM 2,5mm²

AUXILIARY CIRCUITS:
MINIMUM 1,5mm²

ELECTRONIC CIRCUITS:
MINIMUM 0,5mm²

CURRENT MEASURE CIRCUITS:
2,5mm²

VOLTAGE MEAUSURE CIRCUITS:
2,5mm²

CABLE TYPE:
FS17

TERMINALS

AUXILIARY:
2,5mm²

VOLTAGE MEAUSURE CIRCUITS:
6mm² WITH DISCONNECTING SLIDE-LINK

CURRENT MEASURE CIRCUITS:
6mm² WITH DISCONNECTING SLIDE-LINK AND SHORT-CIRCUIT CROSS CONNECT.

THE SECTIONS OF THE WIRE DON'T SPECIFIED ARE mm²: THE COLORS OF THE WIRE DON'T SPECIFIED ARE:

COES S.r.l.
Via Pontida , 265
24040 Stezzano (BG)-Italy
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www.coessrl.com coes@coessrl.com

LEVELS	DRAWING N.	PLANT	PAGE
COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	d241025-WD		01
	WORK ORDER N. 2024.4814_001	LOCATION	NEXT 02
DESCRIPTION: COVER			TOTAL 50

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

LETTER	TYPE OF COMPONENT	EXAMPLE	MARK
A	ASSEMBLED	LASER MASER REGULATOR	A
		TRANSISTOR AMPLIFIER INTEGRATED CIRCUITS AMPLIFIER MAGNETIC AMPLIFIER VALVE AMPLIFIER	AD AJ - AP AM - AT AV - AR
B	TRASDUCER OF QUANTITY NON-ELECTIC TO ELECTRIC OR VICEVERSA	PHOTOELECTRIC CELL ELECTRIC DYNAMOMETER CRISTAL TRASDUCER MICROPHONE PICK-UP LOUDSPEAKER SYNCRONOUS TRANSMITTER	B
		TRANSDUCER OR ANALOGIC SENSOR OR NUMERIC WITH MULTIPLE STEPS (USABLE FOR INDICATION OR THE MEASURE): PRESSURE TRANSDUCER POSITION TRANSDUCER ROTATION TRANSDUCER (TACHOMETRIC GENERATOR) TEMPERATURE TRANSDUCER VELOCITY TRANSDUCER	 BP BQ BR BT BV
C	CAPACITORS	CAPACITORS	C
D	BYNARY ELEMENTS DEVICE OF DELAY DEVICE OF STORAGE	DEVICE AND INTEGRATED CIRCUITS DIGITAL: DELAY LINE ELEMENT BISTABLE ELEMENT MONOSTABLE RECORDER MEMORY MAGNETIC RECORDER ON TAPE OR ON DISC	D
E	MATERIALS SUNDRIES	DEVICE NOT SPECIFIED IN THIS TABLE	E
		HEATER ILLUMINATION LAMP VENTILATOR	EH EL EV
F	PROTECTION DEVICE	OVER-VOLTAGE DEVICE SOURGE ARRESTER	F
		DEVICE OF PROTECTION WITH CURRENT THRESHOLD WITH INSTANTANEOUS ACTION DEVICE OF PROTECTION WITH CURRENT THRESHOLD WITH DELAYED ACTION DEVICE OF PROTECTION WITH CURRENT THRESHOLD WITH INSTANTANEOUS ACTION AND DELAYED FUSE DEVICE OF PROTECTION WITH VOLTAGE THRESHOLD	 FA FR FS FU FV
G	GENERATOR POWER SUPPLY	ROTATING GENERATOR QUARZ OSCILLATOR	G
		BATTERY OF ACCUMULATORS CONVERTER OF FREQUENCY ROTATING OR STATIC POWER SUPPLY	GB GF GS
H	SEGNALLING DEVICE	ACUSTIC SIGNAL OPTICAL / LUMINOUS INDICATOR	HA HL
K	RELAY CONTACTOR	RELÈ ISTANTANEO CON TUTTO O NIENTE O CONTATTORI ISTANTANEO RELÈ BISTABILI O CONTATTORI INTERBLOCCATI (RELÈ CON TUTTO O NIENTE CON ACCOPPIATORE MECCANICO O MAGNETE PERMANENTE) CONTATTORI RELÈ POLARIZZATO RELÈ REED RELÈ TEMPO CON TUTTO O NIENTE (TIMER)	KA KL KM KP KR KT
L	INDUCTOR, REACTOR	INDUCTOR, RECTOR, COIL	L
M	MOTOR	MOTOR	M
N	ANALOG CIRCUIT INTEGRATED	OPERATIONAL AMPLIFIER ANALOG/DIGITAL HYBRID APPARATUS	N

LETTER	TYPE OF COMPONENT	EXAMPLE	MARK
P	TEST DEVICE AND INSTRUMENT	DEVICE OF MEASURE INDICATOR RECORDERS AND INTEGRATORS GENERATOR OF SIGNALS	P
		AMPEROMETER COUNTER OF IMPULSES WATTMETER APPARATUS RECORDER CLOCK / COUNTER OF HOURS OF SERVICE VOLTMETER	PA PC PJ PS PT PV
Q	MANOEUVRE APPARATUS FOR POWER CIRCUITS	SWITCH AUTOMATIC MOTOR PROTECTION DISCONNETTING SWITCH	QF QM QS
R	RESISTOR	FIXED OR VARIABLE (RHEOSTAT) RESISTOR	R
		POTENTIOMETER DERIVATIVE RESISTOR WITH INTRINSIC VARIATION DEPENDENT OF TEMPERATURE (THERMISTOR) RESISTOR WITH INTRINSIC VARIATION DEPENDENT OF VOLTAGE (VARISTOR)	RP RS RT RV
S	COMMAND OR CONTROL APPARATUS	SELECTOR OR COMMUTATOR PUSH BUTTON (INTO DEVICE ELECTRONIC OF COMMAND WITH PROXIMITY) SENSORS WITH ALL OR NOTHING NUMERIC (WITH STEP SINGLE) OF NATURE MECCANIC AND ELECTRONIC: - SENSOR OF LEVEL OF LIQUID - SENSOR OF PRESSURE - SENSOR OF POSITION (INTO OF PROXIMITY) - SENSOR OF ROTATION - SENSOR OF TEMPERATURE	SA SB SL SP SQ SR ST
T	TRANSFORMER	CURRENT TRANSFORMER COMMAND CIRCUITS POWER SUPPLY TRANSFORMER POWER TRANSFORMER MAGNETIC STABILIZER VOLTAGE TRANSFORMER	TA TC TM TS TV
U	MODULATOR CONVERTER	DISCRIMINATOR DEMODULATOR FREQUENCY CONVERTER ENCODER CONVERTER INVERTER TELEGRAPHIC TRANSLATOR	U
V	ELECTRONIC TUBE SEMICONDUCTOR	ELECTRONIC TUBE GAS DISCHARGE TUBE DIODE TRANSISTOR THYRISTOR	V
		RECTIFIER FOR COMMAND CIRCUITS POWER SUPPLY	VC
W	TRANSMISSION WAYS WAVE GUIDES AERIALS	WIRE CABLE BUS BAR WAVE GUIDE WAVE GUIDE DIRECTIONAL COUPLER DIPOLE PARABOLIC AERIAL	W
X	TERMINAL OUTLET PLUG	CONNECTING BUS BAR TEST PLUG PLUG OUTLET TERMINAL BOARD	XB XJ XP XS XT
Y	APPARATUS MECHANICS ELECTRICALLY OPERATED	ELECTROMAGNET ELECTROMAGNETIC BRAKE ELECTROMAGNETIC FRICTION MAGNETIC MANDREL OR TABLE ELECTROMAGNETIC VALVE	YA YB YC YH YV
Z	TRANSFORMER, IMPEDANCE ADAPTOR EQUALIZER, BAND LIMITER	EQUALIZER OF LINE COMPRESSOR CRYSTAL FILTER	Z

REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

coes 20th coes 1997 - 2017

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

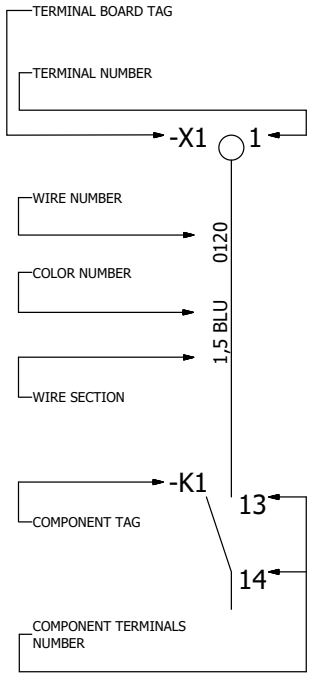
DESCRIPTION
MARKS OF IDENTIFIERS ACC. TO IEC 204-2

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	02
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	03
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

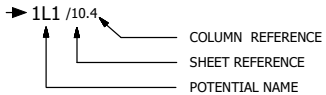
TABLE SYMBOLS

DEFINITION OF IDENTIFIERS (CEI3-34)		
CODE 1	PLANT	=
CODE 2	LOCATION	+
CODE 3	TAG	-
CODE 4	TERMINAL	:

NUMERATION WIRES AND TERMINALS
(CEI 16-1)



POTENTIAL CHAIN



SYMBOL	DESCRIPTION
	TERMINAL
	COLLECTOR BUS-BAR CONNECTION
	FUSE TERMINAL
	FUSE TERMINAL WITH LED
	PUSH BUTTONS
COLOR	HEAD
COLOR	GENERICS
COLOR	LUMINOUS
	SELECTORS
NC	POSITION 0/1
NO	POSITION 1/0/2 FIXED
	POSITION 1/0/2 IMPULSIVE
COLOR	LUMINOUS
	WITH KEY
COLOR COLOR	LED - LAMP
COLOR	LIGHTING BODY FOR OPERATOR LIGHT
	ISOLATED BARRIER (SWITCH AMPLIFIER)
	ISOLATED BARRIER (TEMPERATURE REPEATER)

SYMBOL	DESCRIPTION
	AUXILIARY RELAY POWER RELAY
	TIMED RELAY DELAYED TO EXCITATION
	TIMED RELAY DELAYED TO THE DROP-OUT
	RELAY STEP BY STEP
	POWER CONTACT
	OPEN AND CLOSE AUXILIARY CONTACT
	EXCHANGE AUXILIARY CONTACT
	NORMALLY OPEN NORMALLY CLOSE AUXILIARY CONTACT DELAYED ON OPENING
	NORMALLY OPEN NORMALLY CLOSE AUXILIARY CONTACT DELAYED ON CLOSING
RC	OVERVOTAGE LIMITER

SYMBOL	DESCRIPTION
	TOROIDAL TRANSFORMER
NETWORK ANALIZER	NETWORK ANALIZER
	GENERIC PROTECTION COMMON: -VOLTMETRIC -AMMETRIC -TRANSDUCER
V	VOLTMETER
A	AMMETER
	COMMUTATOR: VOTMETRIC
	AMMETRIC
...n	DIODE MODULE
	Ac/Dc POWER SUPPLY
	BIT PLC
DI5	PIN NUMBER
10A1	PIN DESCRIPTION
/10.1	TAG CARD
%I0.5	REF. SHEET.COLUMN
_ABC000_DEF_GHI	PLC ADRESS
PLC BIT COMMENT	SYMBOLIC ADRESS
	PLC BIT COMMENT
E4.5	TAG CARD
-E0:7 /10.1	PIN DESCRIPTION
PLC BIT COMMENT	PLC ADRESS
	SHEET REFERENCE
	COLUMN REFERENCE
	PLC BIT COMMENT

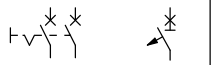
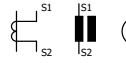
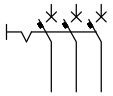
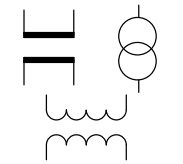
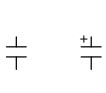
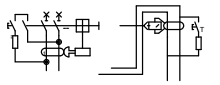
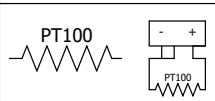
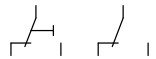
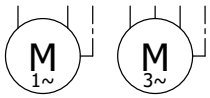
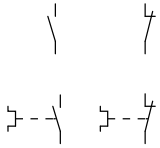
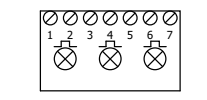
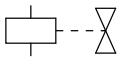
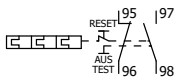
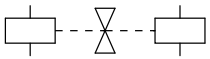
SYMBOL	DESCRIPTION
	HORN
	RESISTOR
	OUTLET SOCKET
	FAN
	MECHANICAL INTERLOCKED
	KEY FREE WITH CLOSED DOOR
	KEY FREE
	KEY LOCKED
	CONNECTOR
	LIMIT SWITCH
P>	AIR PRESSURE SWITCH
L	LEVEL SWITCH
F	SENSOR FILTER
T f	THERMOSTAT
	REED MAGNETIC PROXIMITY SENSOR

REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

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PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 03
DESCRIPTION: COMMON SYMBOLS	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 04
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50

TABLE SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SWITCH DISCONNETING SWITCH		GEARED MOTOR DEVICE		LINE/EARTH DISCONNECTING SWITCH MEDIUM VOLTAGE		CURRENT TRANSFORMER
	SWITCH: MAGNETOTHERMAL MAGNETOTERMAL+DIFFERENTIAL		OPENING COIL		LINE/EARTH DISCONNECTING SWITCH MEDIUM VOLTAGE		VOLTAGE TRANSFORMER
	AUTOMATIC SWITCH		CLOSING COIL		MEDIUM VOLTAGE SWITCH		POWER TRANSFORMER
	DISCONNETTING SWITCH WITH FUSE		MINIMUM VOLTAGE COIL		CAPACITOR POLARIZD CAPACITOR		
	DIFFERENTIAL SWITCH MINIATURE DIFFERENTIAL		REACTOR		EARTH DISCONNETTING SWITCH MEDIUM VOLTAGE		
	SOURGE ARRESTER		THERMIC PROBE PT100		CAPACITIVE LIVE LINE INDICATOR		
	EXCHANGE AUXILIARY CONTACT OF: -POSITION -SIGNALLING FOR SWITCH-DISCONNECTOR		THERMOCOUPLE				
	NORMALLY OPEN/CLOSE AUXILIARY CONTACT FOR: -SWITCH-DISCONNECTING SWITCH -AUTOMATIC/MAGNETOTH. SWITCH -THERMAL RELAY		ASYNCHRONOUS MOTOR SINGLE-PHASE THREE-PHASE				
			THREE-PHASE FLASHING-LIGHT				
			SIMPLE SOLENOID VALVE				
	RELAY THERMAL WITH AUXILIARY CONTACTS		DOUBLE SOLENOID VALVE				

REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

PLANT	PREPARED	CHECKED	PLANT	PAGE
COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	ASSOLARI O.	TIRABOSCHI T.	= DRYER	04
	DATE 08.05.2024	APPROVED	LOCATION + QE	NEXT 05
DESCRIPTION COMMON SYMBOLS	WORK ORDER N 2024.4814_001	DRAWING N d241025-WD		TOTAL SHEETS 50

INDEX PAGES

PAGE	DATE	PREPARED	DESCRIPTION	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.
=DRYER+QE/01	08.05.2024	ASSOLARI O.	COVER	30.05.2024	A	01.08.2024	B	04.09.2024	C	18.11.2024	D														
=DRYER+QE/02	08.05.2024	ASSOLARI O.	MARKS OF IDENTIFIERS ACC. TO IEC 204-2	30.05.2024	A																				
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=DRYER+QE/05	08.05.2024	ASSOLARI O.	INDEX PAGES	30.05.2024	A	01.08.2024	B	04.09.2024	C	18.11.20274	D														
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=DRYER+QE/11	08.05.2024	ASSOLARI O.	INTERNAL VIEWS	30.05.2024	A			04.09.2024	C																
=DRYER+QE/20	08.05.2024	ASSOLARI O.	INCOMING LINE 230Vac SERVICES	30.05.2024	A			04.09.2024	C																
=DRYER+QE/21	08.05.2024	ASSOLARI O.	INCOMING LINE 230Vac FROM UPS	30.05.2024	A			04.09.2024	C																
=DRYER+QE/22	08.05.2024	ASSOLARI O.	SAFETY RELAY 24Vdc	30.05.2024	A			04.09.2024	C																
=DRYER+QE/25	08.05.2024	ASSOLARI O.	NETWORK ARCHITECTURE	30.05.2024	A																				
=DRYER+QE/30	08.05.2024	ASSOLARI O.	PLC CONFIGURATION			01.08.2024	B																		
=DRYER+QE/35	08.05.2024	ASSOLARI O.	SUMMARY CPU	30.05.2024	A																				
=DRYER+QE/36	08.05.2024	ASSOLARI O.	SUMMARY CARDS I/O RACK																						
=DRYER+QE/37	08.05.2024	ASSOLARI O.	SUMMARY CARDS I/O RACK	30.05.2024	A																				
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=DRYER+QE/43	08.05.2024	ASSOLARI O.	SUMMARY CARD PN COUPLER AND SWITCH SCALANCE																						
=DRYER+QE/44	08.05.2024	ASSOLARI O.	POWER SUPPLY CPU AND CARDS I/O RACK	30.05.2024	A																				
=DRYER+QE/45	08.05.2024	ASSOLARI O.	POWER SUPPLY PN/PN COUPLER																						
=DRYER+QE/46	08.05.2024	ASSOLARI O.	DIGITAL INPUT I/O RACK	30.05.2024	A																				
=DRYER+QE/47	08.05.2024	ASSOLARI O.	DIGITAL INPUT I/O RACK	30.05.2024	A			04.09.2024	C																
=DRYER+QE/48	08.05.2024	ASSOLARI O.	DIGITAL INPUT I/O RACK			01.08.2024	B																		
=DRYER+QE/49	08.05.2024	ASSOLARI O.	DIGITAL INPUT I/O RACK			01.08.2024	B																		
=DRYER+QE/51	08.05.2024	ASSOLARI O.	DIGITAL OUTPUT I/O RACK	30.05.2024	A																				
=DRYER+QE/52	08.05.2024	ASSOLARI O.	DIGITAL OUTPUT I/O RACK	30.05.2024	A	01.08.2024	B																		
=DRYER+QE/53	08.05.2024	ASSOLARI O.	DIGITAL OUTPUT I/O RACK			01.08.2024	B																		

REV.	DATE	PREPARED	REV.	DATE	PREPARED
D	18.11.20274	O.A.			
C	04.09.2024	O.A.			
B	01.08.2024	O.A.			
A	30.05.2024	O.A.			

coes 20th coes 1997 - 2017

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER
	DATE: 08.05.2024	APPROVED:	LOCATION: + QE
DESCRIPTION: INDEX PAGES	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD	TOTAL SHEETS: 50
			PAGE: 05
			NEXT: 06

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

INDEX PAGES

PAGE	DATE	PREPARED	DESCRIPTION	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.	DATE	REV.
=DRYER+QE/54	08.05.2024	ASSOLARI O.	ANALOG INPUT I/O RACK	30.05.2024	A																						
=DRYER+QE/55	08.05.2024	ASSOLARI O.	ANALOG INPUT I/O RACK	30.05.2024	A																						
=DRYER+QE/60	08.05.2024	ASSOLARI O.	AUXILIARY CIRCUIT SWTCH 5 PORT PROFINET																								
=DRYER+QE/61	08.05.2024	ASSOLARI O.	CONNECTION ProfiNet INTERNAL SWITCHBOARD	30.05.2024	A																						
=DRYER+QE/62	08.05.2024	ASSOLARI O.	CONNECTION ProfiNet INTERNAL SWITCHBOARD	30.05.2024	A																						
=DRYER+QE/70	08.05.2024	ASSOLARI O.	TERMINAL BOARD -X1																								
=DRYER+QE/71	08.05.2024	ASSOLARI O.	TERMINAL BOARD -X2																								
=DRYER+QE/72	08.05.2024	ASSOLARI O.	TERMINAL BOARD -XA	30.05.2024	A			04.09.2024	C																		
=DRYER+QE/73	08.05.2024	ASSOLARI O.	TERMINAL BOARD -XDI																								
=DRYER+QE/74	08.05.2024	ASSOLARI O.	TERMINAL BOARD -XDI																								
=DRYER+QE/75	08.05.2024	ASSOLARI O.	TERMINAL BOARD -XDO			01.08.2024	B																				
=DRYER+QE/76	08.05.2024	ASSOLARI O.	TERMINAL BOARD -XY			01.08.2024	B																				
=DRYER+QE/77	08.05.2024	ASSOLARI O.	TERMINAL BOARD -XAI					04.09.2024	C																		
=DRYER+QE/78	08.05.2024	ASSOLARI O.	TERMINAL BOARD -XAI					04.09.2024	C																		
=DRYER+QE/79	08.05.2024	ASSOLARI O.	TERMINAL BOARD -XCOM					04.09.2024	C																		
=DRYER+QE/85	08.05.2024	ASSOLARI O.	COMPONENT LIST	30.05.2024	A	01.08.2024	B																				
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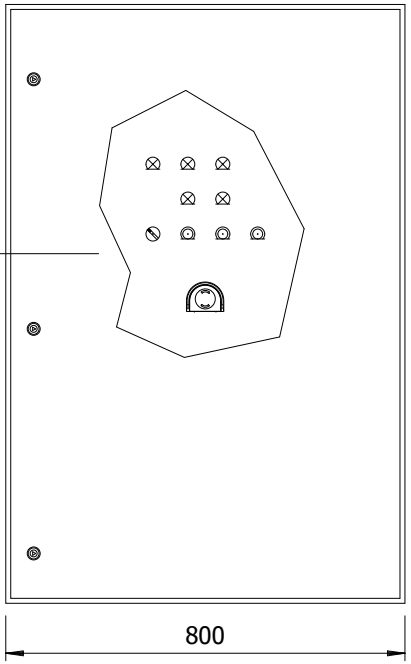
REV.	DATE	PREPARED	REV.	DATE	PREPARED
D	18.11.20274	O.A.			
C	04.09.2024	O.A.			
B	01.08.2024	O.A.			
A	30.05.2024	O.A.			

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

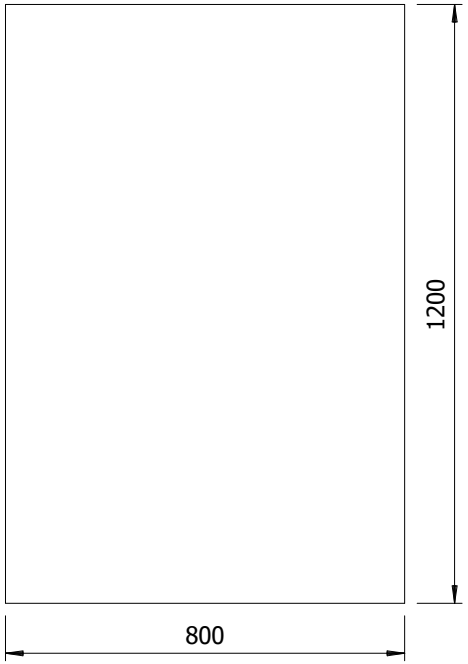
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PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	06
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	10
WORK ORDER N	DRAWING N		TOTAL SHEETS
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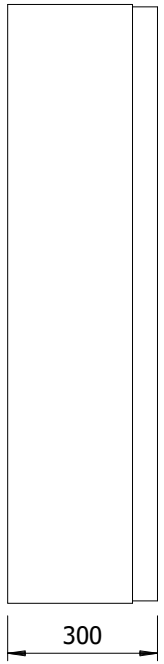
63-LP-001
FRONT



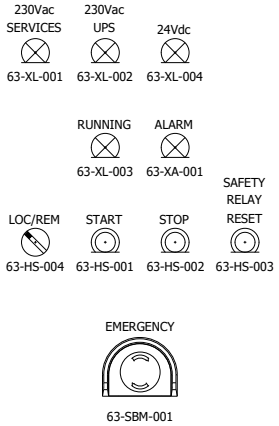
FRONT WITHOUT DOOR



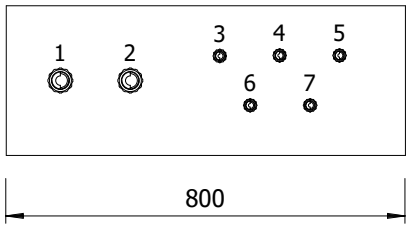
SIDE



OPERATORS
EXAMPLE



FRONT BOTTTOM



1 =M40 CABLE "83017-CEL-1"
2 =M40 CABLE "83017-CEL-2"
3 =M20 CABLE "84311-CEL"
4 =M20 CABLE "83110-CEL"
5 =M20 CABLE "C-63-XS-001/B400-SIS-001"
6 =M20 CABLE "C-63-XA-003/B400-SIS-001"
7 =M20 CABLE "63-LP-001/B400-NET-001"

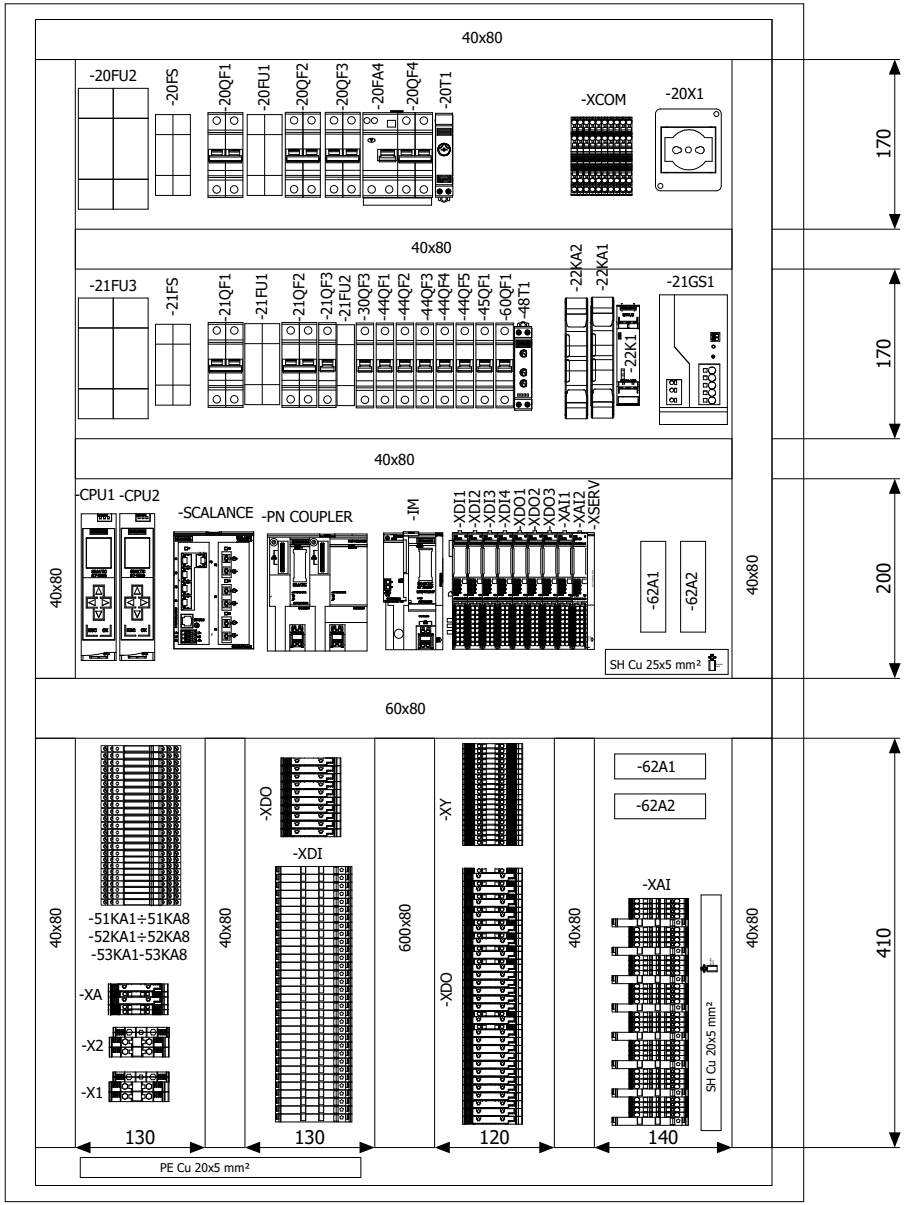
REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			
A	30.05.2024	O.A.			

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
EXTERNAL VIEWS

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	10
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	11
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

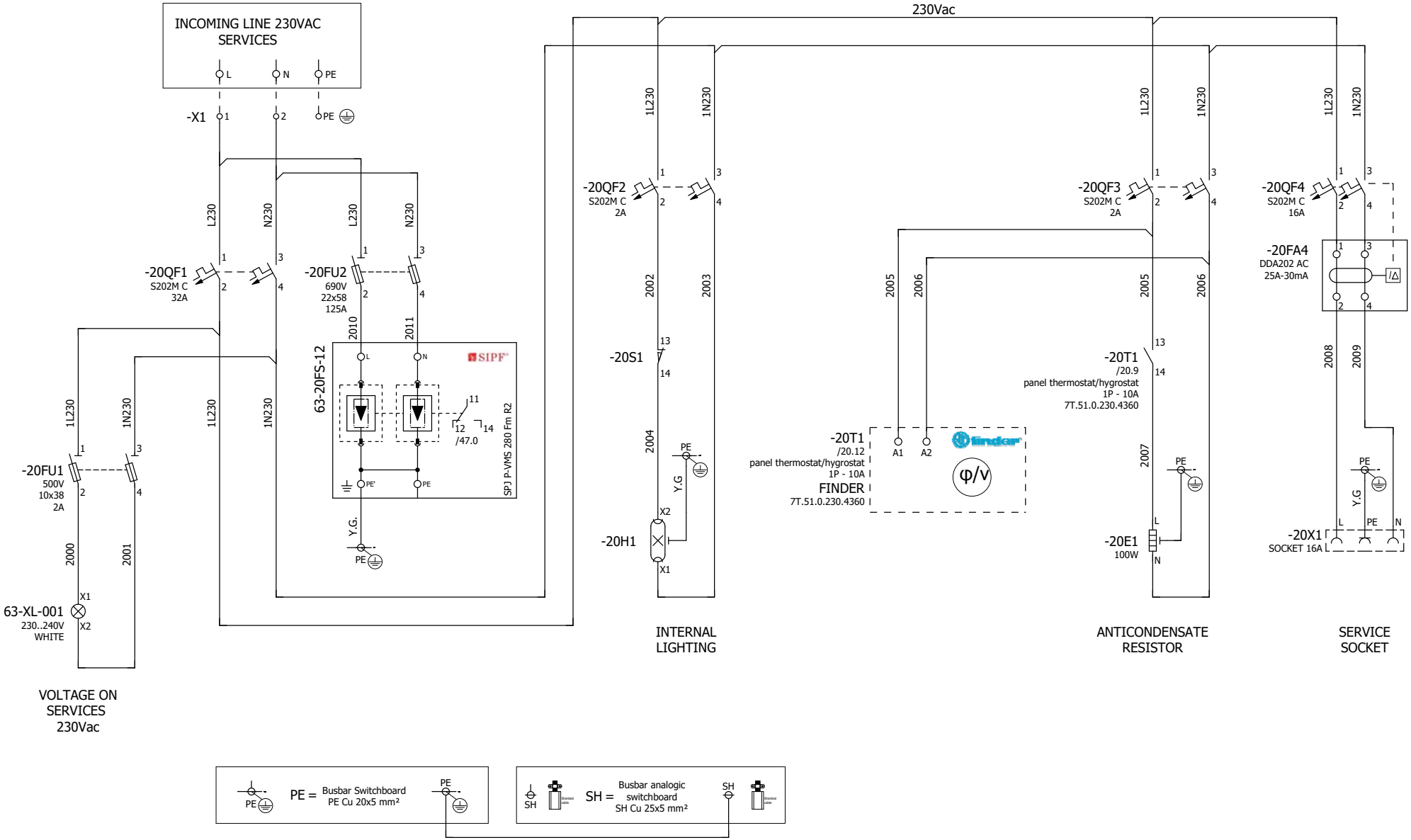
63-LP-001
INTERNAL



REV.	DATE	PREPARED	REV.	DATE	PREPARED
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A	30.05.2024	O.A.			

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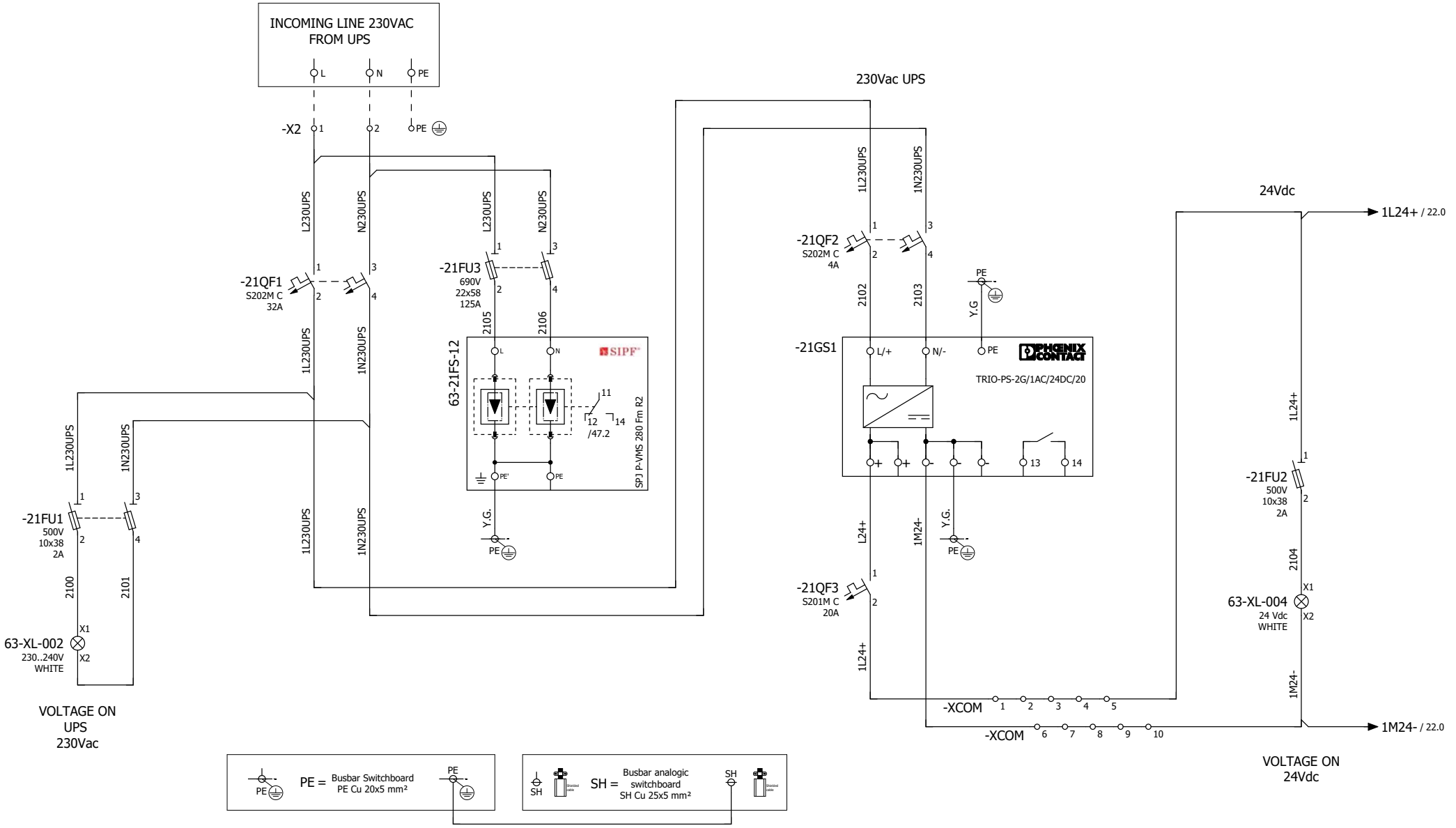
PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 11
DESCRIPTION: INTERNAL VIEWS	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 20
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50



REV.	DATE	PREPARED	REV.	DATE	PREPARED
C	04.09.2024	O.A.			
A	30.05.2024	O.A.			

coes 20th 1997 - 2017

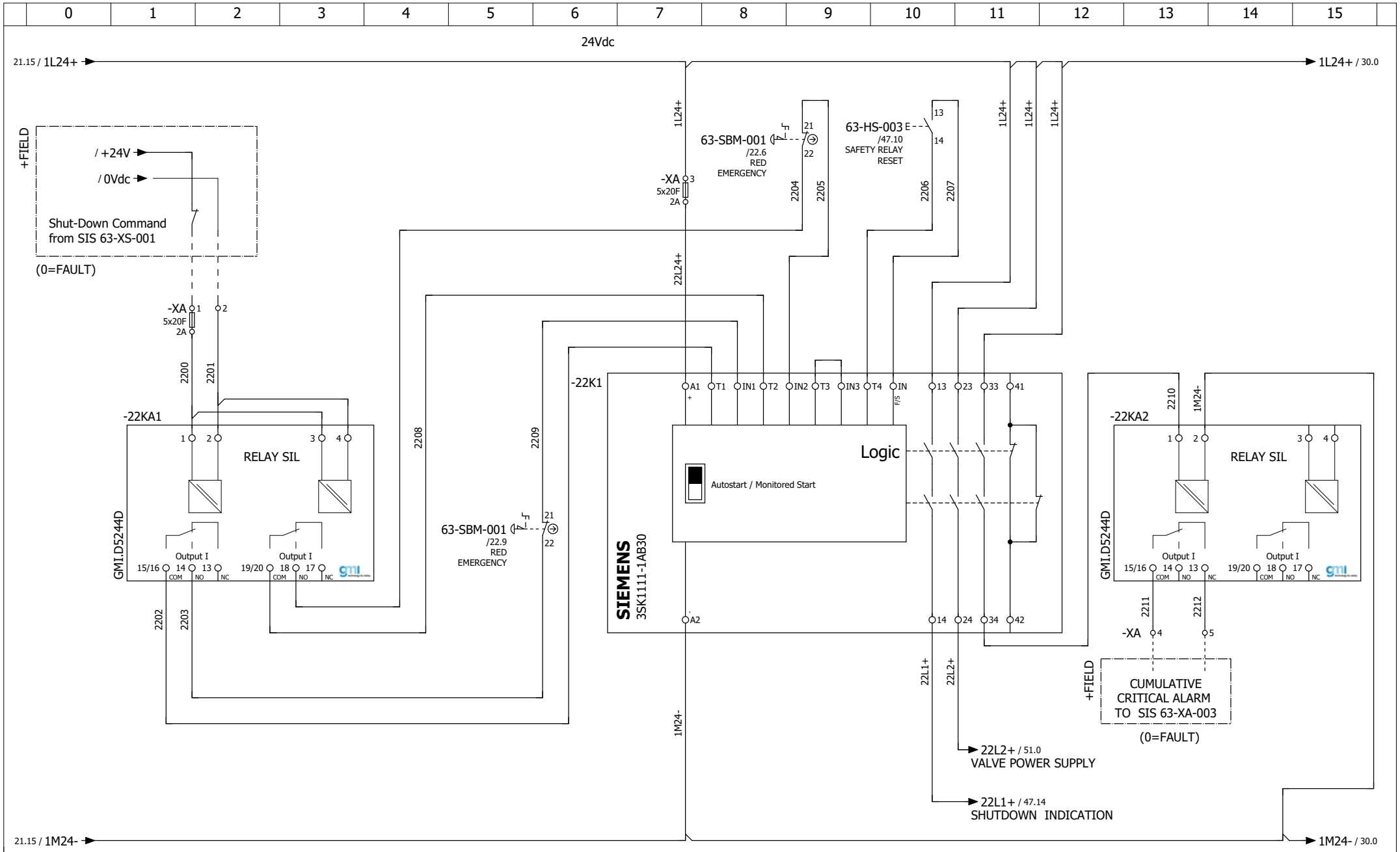
PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 20
DESCRIPTION: INCOMING LINE 230Vac SERVICES	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 21
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50



REV.	DATE	PREPARED	REV.	DATE	PREPARED
C	04.09.2024	O.A.			
A	30.05.2024	O.A.			

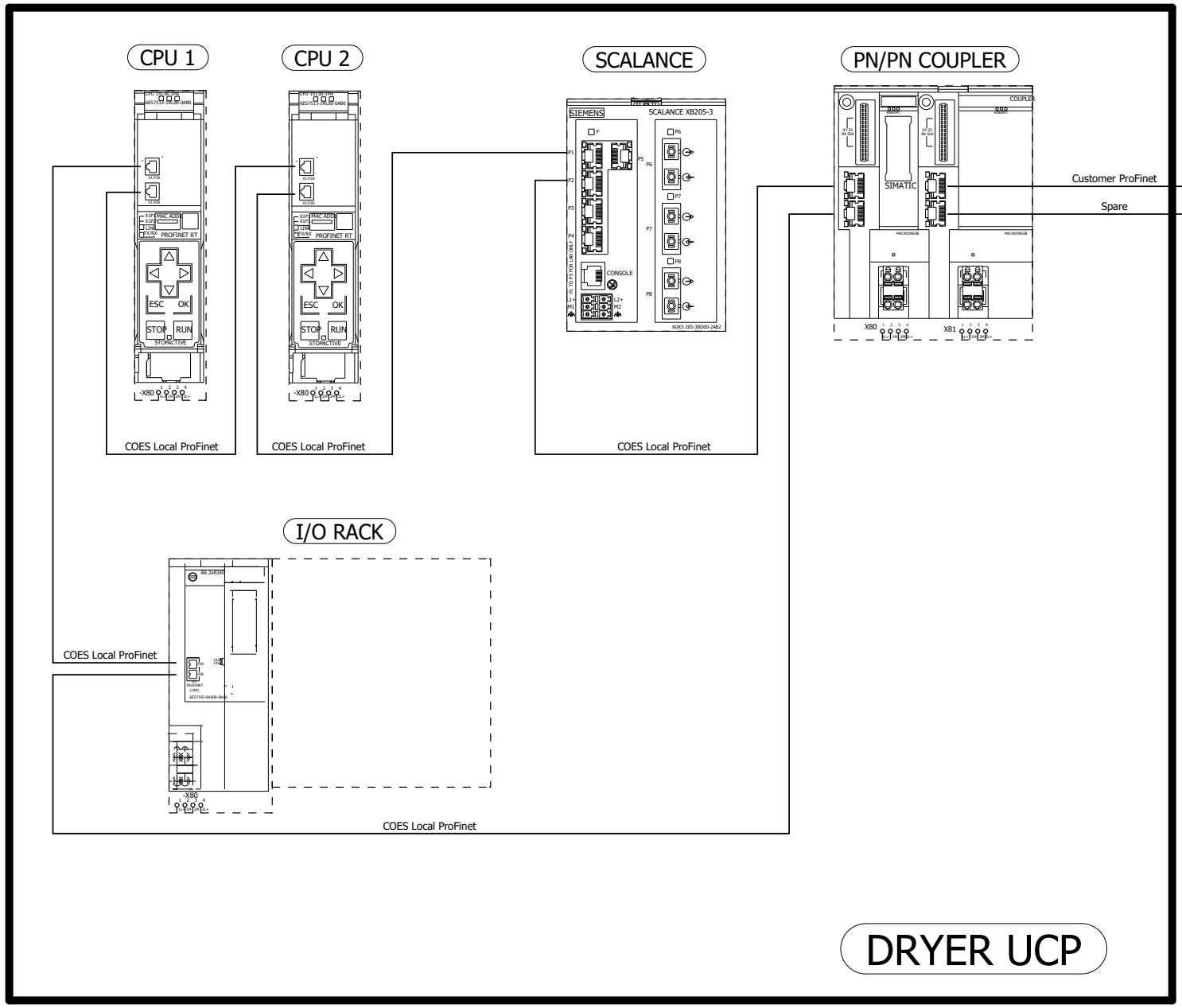
coes 20th 1997 - 2017

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 21
DESCRIPTION: INCOMING LINE 230Vac FROM UPS	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 22
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50



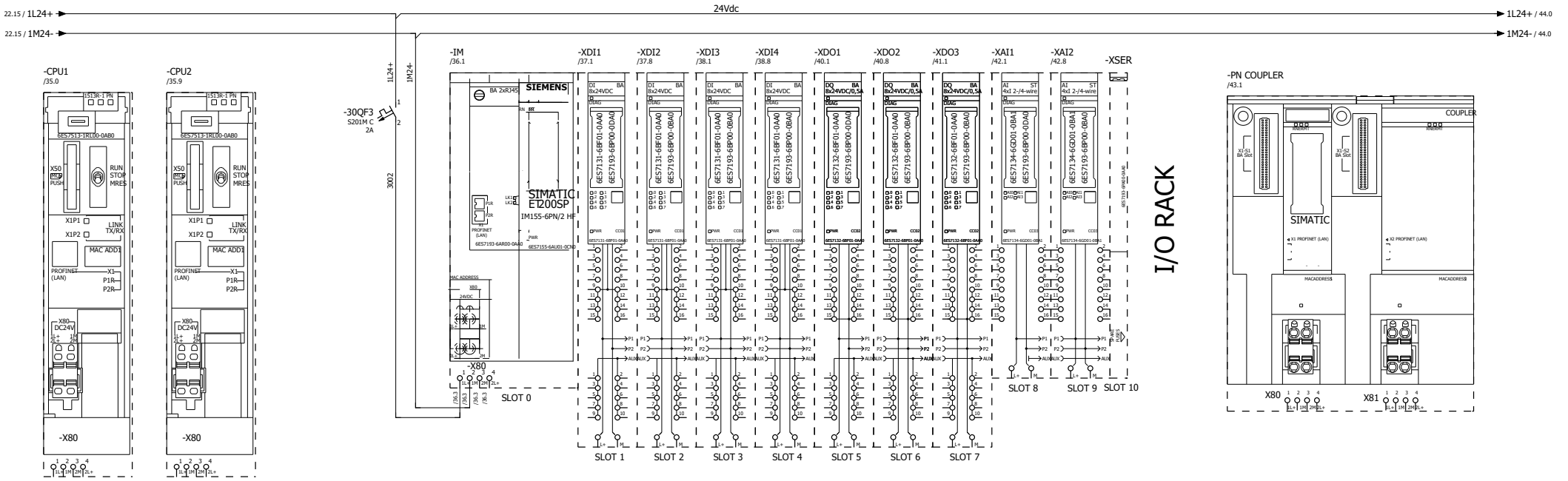
REV.	DATE	PREPARED	REV.	DATE	PREPARED
C	04.09.2024	O.A.			
A	30.05.2024	O.A.			

PLANT	COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED	ASSOLARI O.	CHECKED	TIRABOSCHI T.	PLANT	= DRYER	PAGE	22
DESCRIPTION	SAFETY RELAY 24Vdc	DATE	08.05.2024	APPROVED		LOCATION	+ QE	NEXT	25
		WORK ORDER N	2024.4814_001	DRAWING N	d241025-WD			TOTAL SHEETS	50



REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

PLANT	COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED	CHECKED	PLANT	PAGE
		ASSOLARI O.	TIRABOSCHI T.	= DRYER	25
DESCRIPTION		DATE	APPROVED	LOCATION	NEXT
	NETWORK ARCHITECTURE	08.05.2024		+ QE	30
		WORK ORDER N	DRAWING N		TOTAL SHEETS
		2024.4814_001	d241025-WD		50



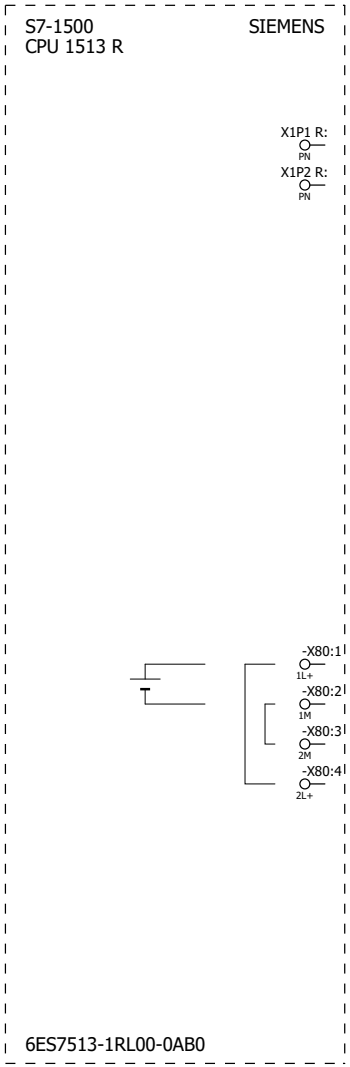
REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

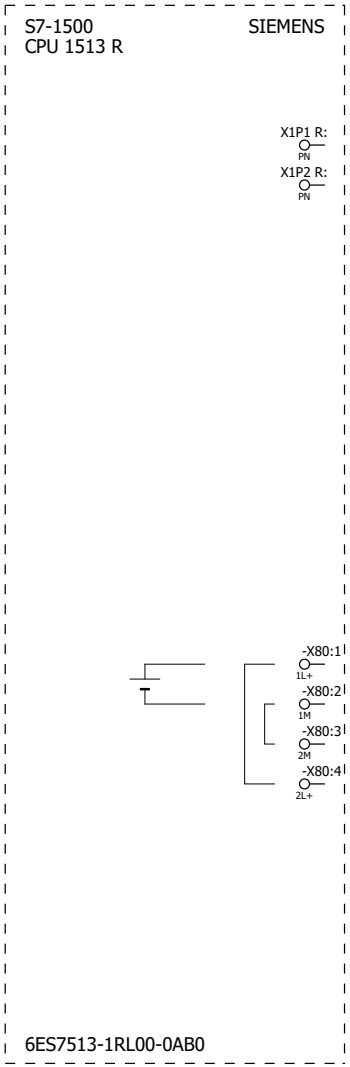
DESCRIPTION
PLC CONFIGURATION

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	30
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	35
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

-CPU1
/30.0
/44.10
SIE.6ES7513-1RL00-0AB0
SIE.6ES7954-8LF03-0AA0



-CPU2
/30.1
/44.13
SIE.6ES7513-1RL00-0AB0
SIE.6ES7954-8LF03-0AA0

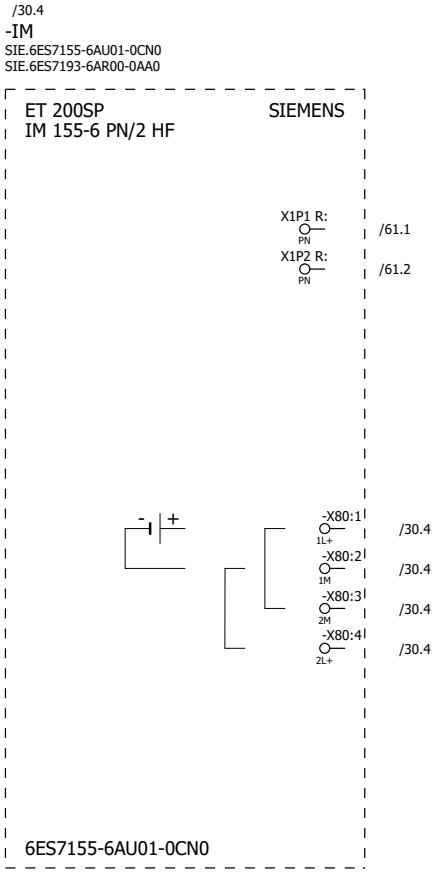


REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
SUMMARY CPU

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	35
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	36
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50



REV.	DATE	PREPARED	REV.	DATE	PREPARED

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
SUMMARY CARDS I/O RACK

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	36
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	37
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

6ES7131-6BF01-0AA0
6ES7193-6BP00-0DA0

-XDI1
/30.5

0 %I0.0	/46.0	63-PS-054	(DRYER 1) TOWER A PRESSURE SWITCH		
1 %I0.1	/46.2	63-PS-056	(DRYER 1) TOWER B PRESSURE SWITCH		
2 %I0.2	/46.4	63-PS-058	(DRYER 2) TOWER A PRESSURE SWITCH		
3 %I0.3	/46.6	63-PS-060	(DRYER 2) TOWER B PRESSURE SWITCH		
4 %I0.4	/46.8	63-CMPR-RUN-FDBCK-001	COMPRESSOR 1 RUNNING		
5 %I0.5	/46.10	63-CMPR-ALARM-FDBCK-001	COMPRESSOR 1 COMMON ALARM		
6 %I0.6	/46.12	63-CMPR-RUN-FDBCK-002	COMPRESSOR 2 RUNNING		
7 %I0.7	/46.14	63-CMPR-ALARM-FDBCK-002	COMPRESSOR 2 COMMON ALARM		
L+	/44.1		POWER SUPPLY WHITE CARD DIGITAL INPUT -XDI1		
M	/44.1				
SH					

SIEMENS

6ES7131-6BF01-0AA0
6ES7193-6BP00-0BA0

-XDI2
/30.6

0 %I1.0	/47.0	63-20FS-12	SOURGE ARRESTER 230VAC_SERVICES OK		
1 %I1.1	/47.2	63-21FS-12	SOURGE ARRESTER 230VAC_UPS OK		
2 %I1.2	/47.4	63-TH-001	INTERNAL CABINET THERMOSTAT		
3 %I1.3	/47.6	63-HS-001	LOCAL START PUSH BUTTON		
4 %I1.4	/47.8	63-HS-002	LOCAL STOP PUSH BUTTON		
5 %I1.5	/47.10	63-HS-003	LOCAL ALARM RESET		
6 %I1.6	/47.12	63-HS-004	LOCAL REMOTE SELECTOR STATUS		
7 %I1.7	/47.14	63-ESD-001	SHUTDOWN ALARM FROM SIS - INDICATION ONLY		
L+					
M					
SH					

SIEMENS

REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

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PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
SUMMARY CARDS I/O RACK

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	37
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	38
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

6ES7131-6BF01-0AA0
6ES7193-6BP00-0BA0

-XDI3
/30.7

0	%I2.0	1 DI0	/48.0	63-ZSH-055	VALVE 63-XV-055 OPEN LIMIT SWITCH
0		9 24VDC			
1	%I2.1	2 DI1	/48.2	63-ZSL-055	VALVE 63-XV-055 CLOSED LIMIT SWITCH
1		10 24VDC			
2	%I2.2	3 DI2	/48.4	63-ZSH-056	VALVE 63-XV-056 OPEN LIMIT SWITCH
2		11 24VDC			
3	%I2.3	4 DI3	/48.6	63-ZSL-056	VALVE 63-XV-056 CLOSED LIMIT SWITCH
3		12 24VDC			
4	%I2.4	5 DI4	/48.8	63-ZSH-057	VALVE 63-XV-057 OPEN LIMIT SWITCH
4		13 24VDC			
5	%I2.5	6 DI5	/48.10	63-ZSL-057	VALVE 63-XV-057 CLOSED LIMIT SWITCH
5		14 24VDC			
6	%I2.6	7 DI6	/48.12	63-ZSH-058	VALVE 63-XV-058 OPEN LIMIT SWITCH
6		15 24VDC			
7	%I2.7	8 DI7	/48.14	63-ZSL-058	VALVE 63-XV-058 CLOSED LIMIT SWITCH
7		16 24VDC			
		L+ 24VDC			
		M 0VDC			
		SH			

SIEMENS

6ES7131-6BF01-0AA0
6ES7193-6BP00-0BA0

-XDI4
/30.7

0	%I3.0	1 DI0	/49.0	63-ZSH-059	VALVE 63-XV-059 OPEN LIMIT SWITCH
0		9 24VDC			
1	%I3.1	2 DI1	/49.2	63-ZSL-059	VALVE 63-XV-059 CLOSED LIMIT SWITCH
1		10 24VDC			
2	%I3.2	3 DI2	/49.4	63-ZSH-060	VALVE 63-XV-060 OPEN LIMIT SWITCH
2		11 24VDC			
3	%I3.3	4 DI3	/49.6	63-ZSL-060	VALVE 63-XV-060 CLOSED LIMIT SWITCH
3		12 24VDC			
4	%I3.4	5 DI4	/49.8		SPARE
4		13 24VDC			
5	%I3.5	6 DI5	/49.10		SPARE
5		14 24VDC			
6	%I3.6	7 DI6	/49.12		SPARE
6		15 24VDC			
7	%I3.7	8 DI7	/49.14		SPARE
7		16 24VDC			
		L+ 24VDC			
		M 0VDC			
		SH			

SIEMENS

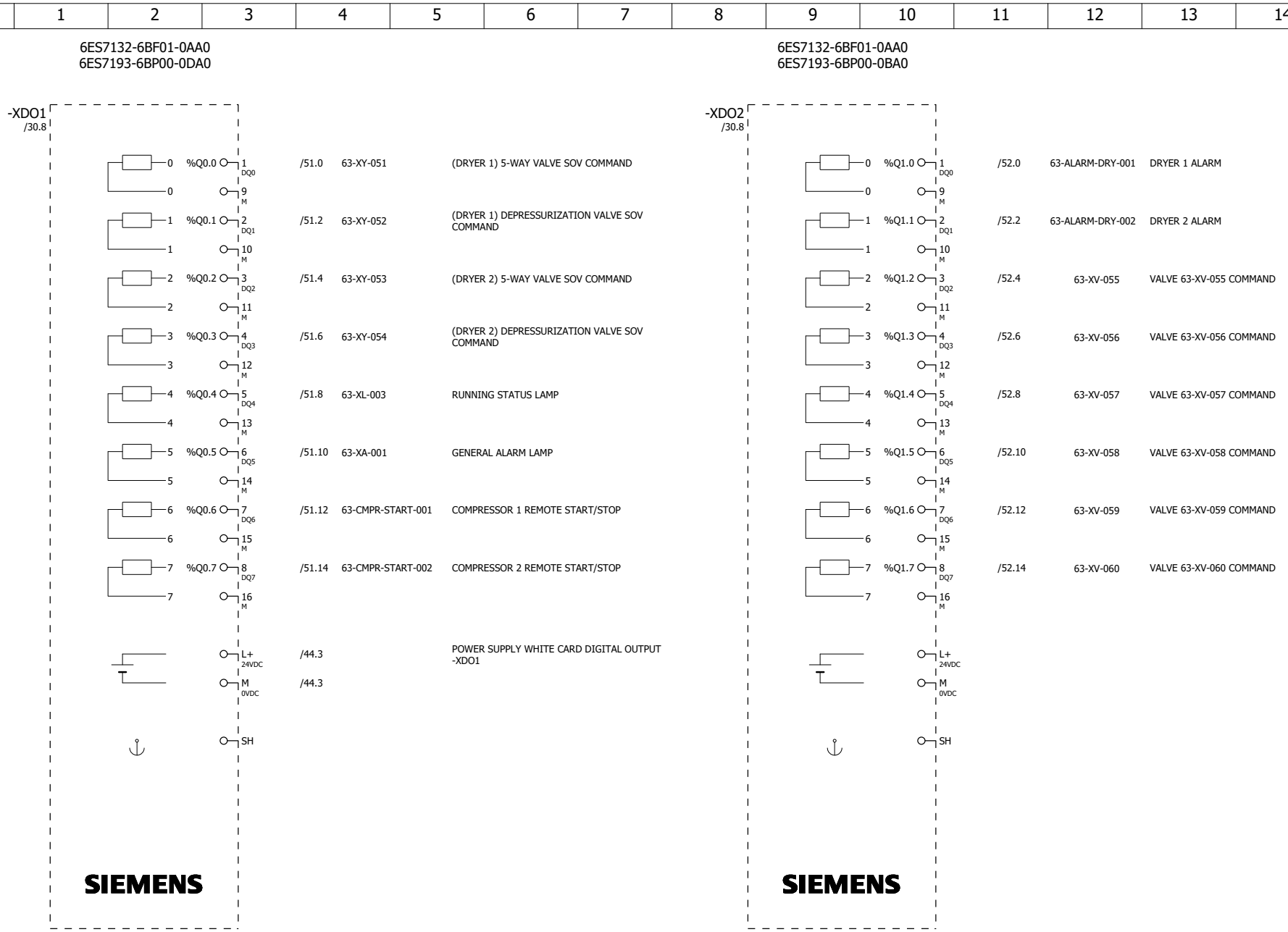
REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			

coes 20th coes 1997 - 2017

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
SUMMARY CARDS I/O RACK

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	38
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	40
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50



REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			
A	30.05.2024	O.A.			

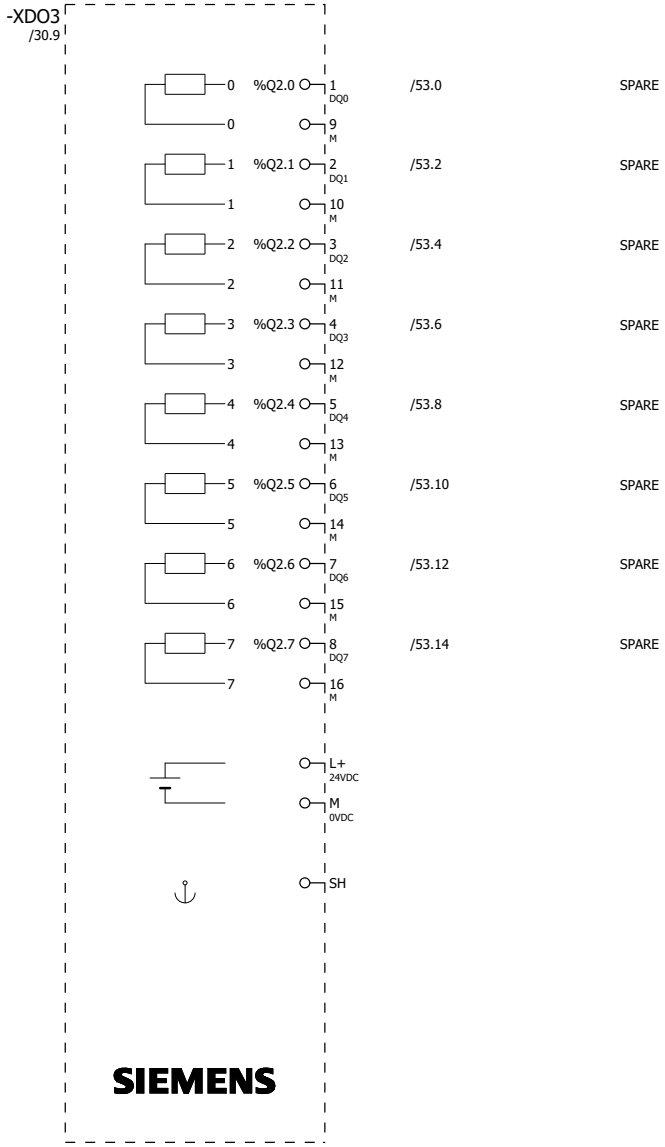
PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
SUMMARY CARDS I/O RACK

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	40
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	41
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

6ES7132-6BF01-0AA0
6ES7193-6BP00-0BA0



REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			

coes 20th coes 1997 - 2017

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
SUMMARY CARDS I/O RACK

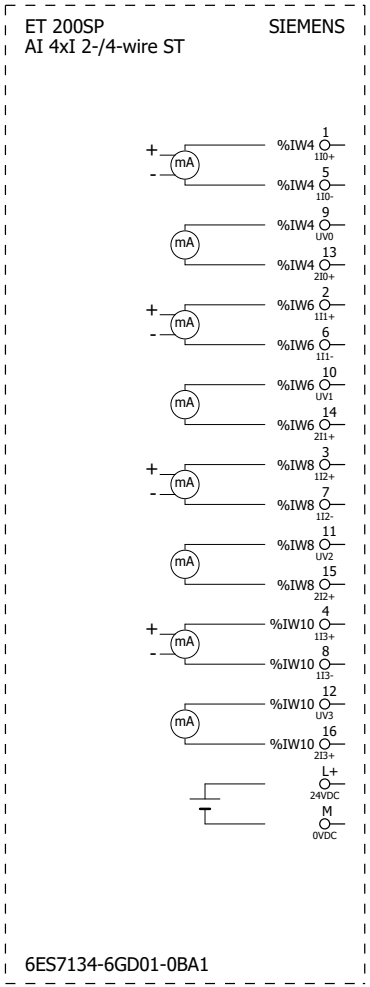
PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	41
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	42
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

/30.9

-XAI1

SIE.6ES7134-6GD01-0BA1

SIE.6ES7193-6BP00-0DA0



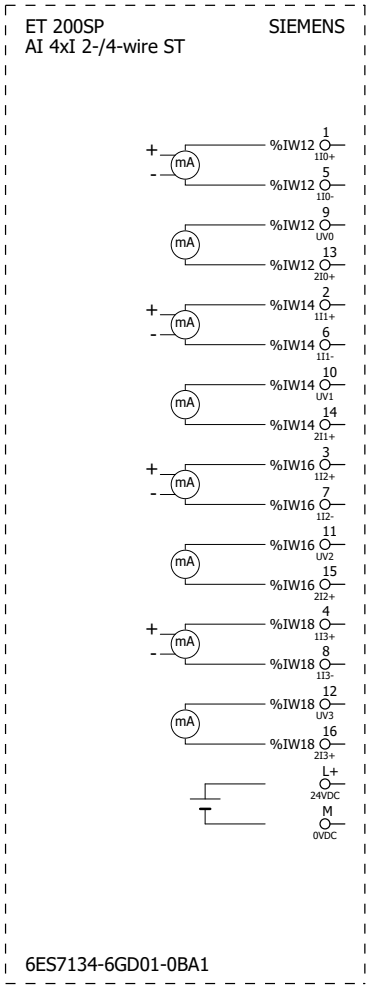
/54.1			
/54.1			
/54.2	63_PT_064	PRESSURE TRANSMITTER INSTRUMENT AIR RECIEVER	
/54.2			
/54.5			
/54.5			
/54.6	63_TIT_051	TEMPERATURE TRANSMITTER INLET AIR	
/54.6			
/54.9			
/54.9			
/54.10	63_TIT_052	TEMPERATURE TRANSMITTER INSTRUMENT AIR RECIEVER	
/54.10			
/54.13			
/54.13			
/54.14	63_AIT_051	DEW POINT TRANSMITTER	
/54.14			
/44.6		POWER SUPPLY WHITE CARD ANALOG INPUT -XAI1	
/44.7			

/30.10

-XAI2

SIE.6ES7134-6GD01-0BA1

SIE.6ES7193-6BP00-0BA0



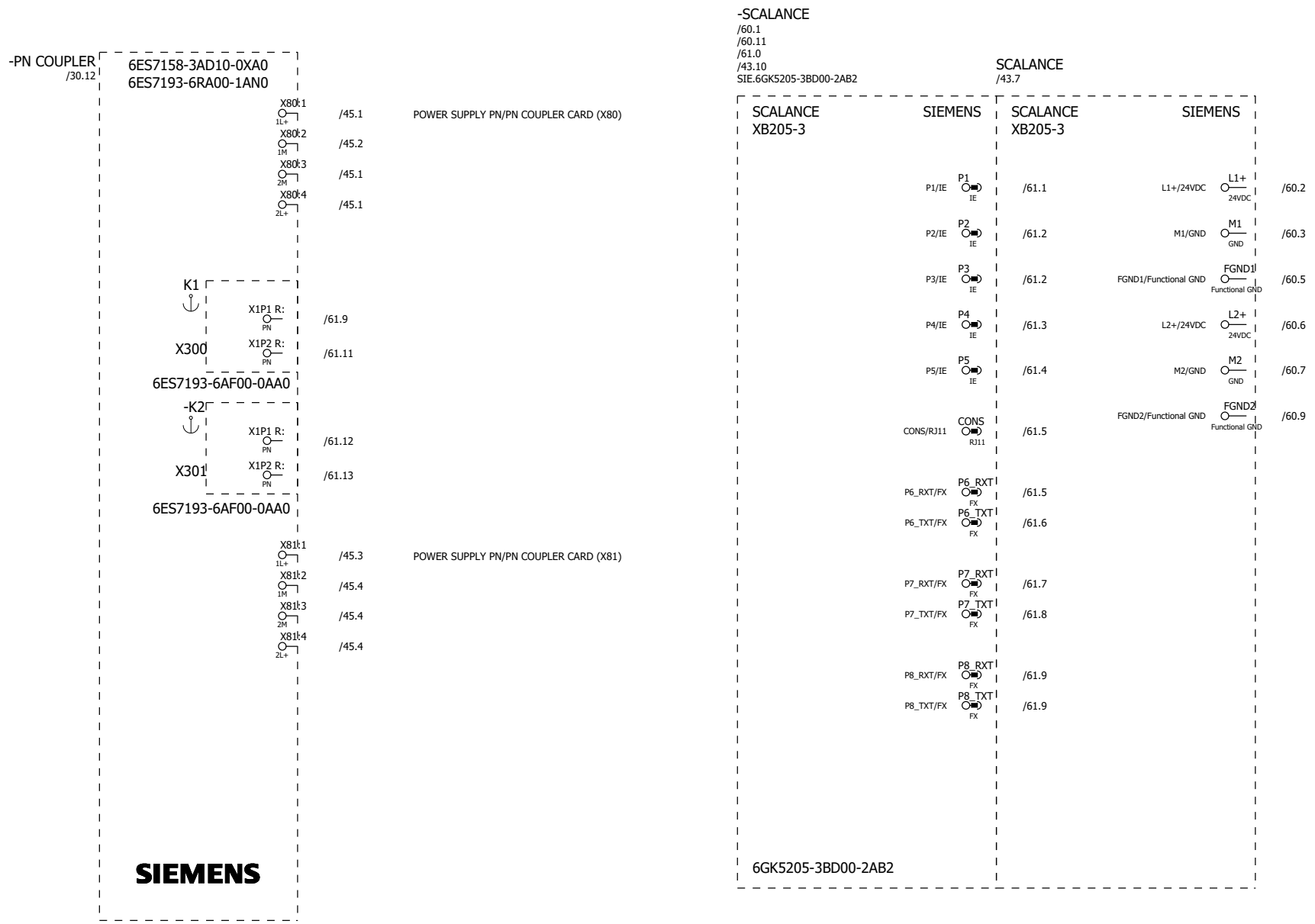
/55.1			
/55.1			
/55.2	63_FIT_051	FLOW TRANSMITTER OUTLET AIR	
/55.2			
/55.5			
/55.5			
/55.6	63_PDIT_051	DIFFERENTIAL PRESSURE TRANSMITTER INLET FILTERS	
/55.6			
/55.9			
/55.9			
/55.10	63_PDIT_062	DIFFERENTIAL PRESSURE TRANSMITTER OUTLET FILTERS	
/55.10			
/55.13			
/55.13			
/55.14	_XAI_45	SPARE	
/55.14			

REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM

DESCRIPTION: SUMMARY CARDS I/O RACK

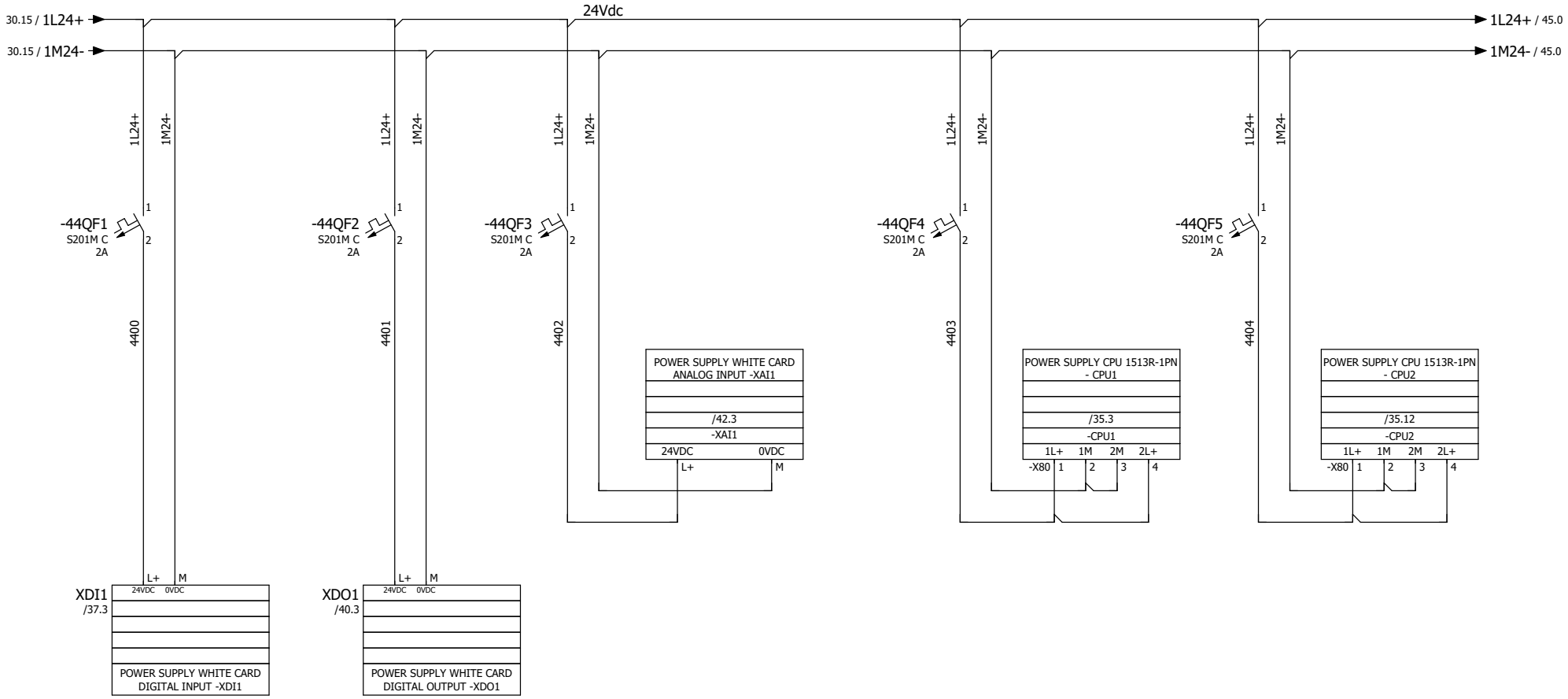
PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	42
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	43
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50



REV.	DATE	PREPARED	REV.	DATE	PREPARED

coes 20th coes 1997 - 2017

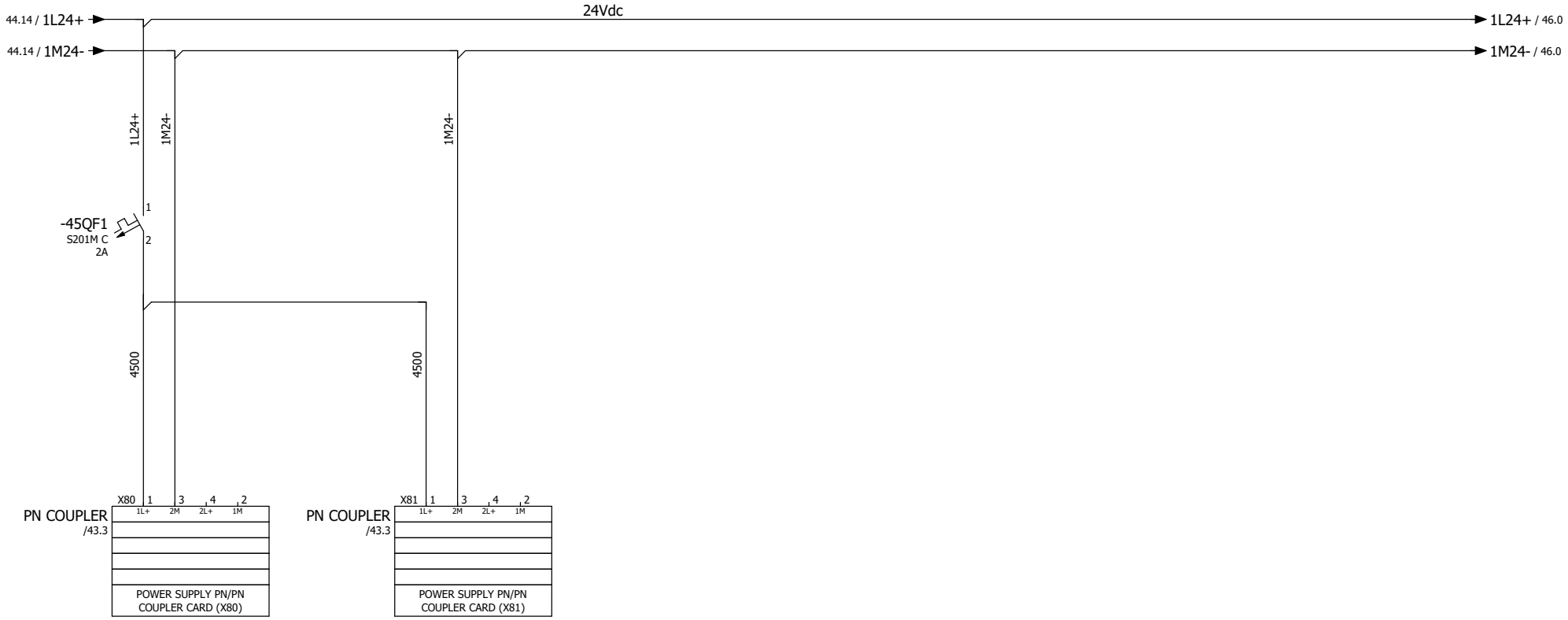
PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER / PAGE: 43
DESCRIPTION: SUMMARY CARD PN COUPLER AND SWITCH SCALANCE	DATE: 08.05.2024	APPROVED:	LOCATION: + QE / NEXT: 44
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD	TOTAL SHEETS: 50



REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

coes 20th 1997 - 2017

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 44
DESCRIPTION: POWER SUPPLY CPU AND CARDS I/O RACK	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 45
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50

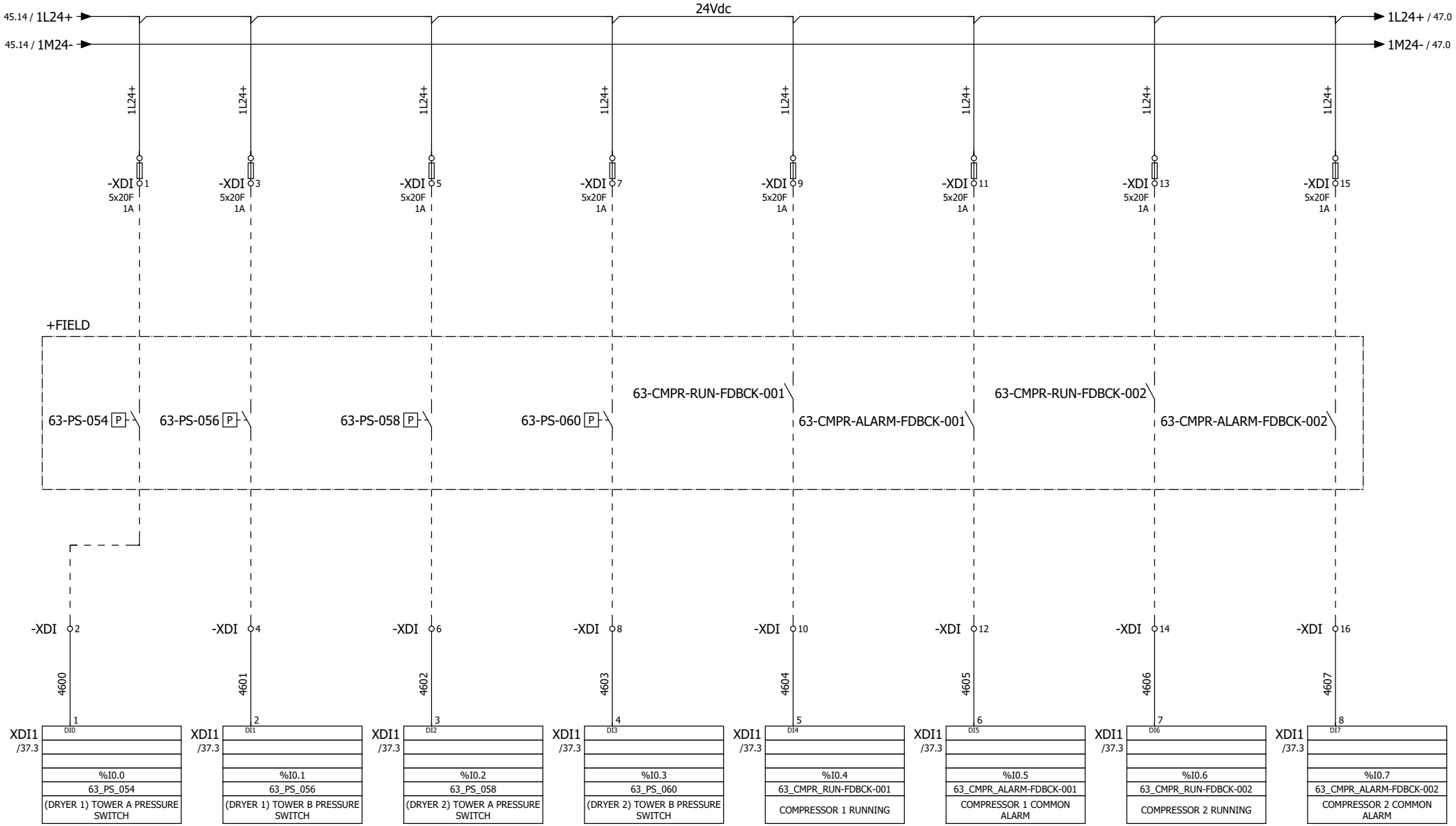


REV.	DATE	PREPARED	REV.	DATE	PREPARED

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
POWER SUPPLY PN/PN COUPLER

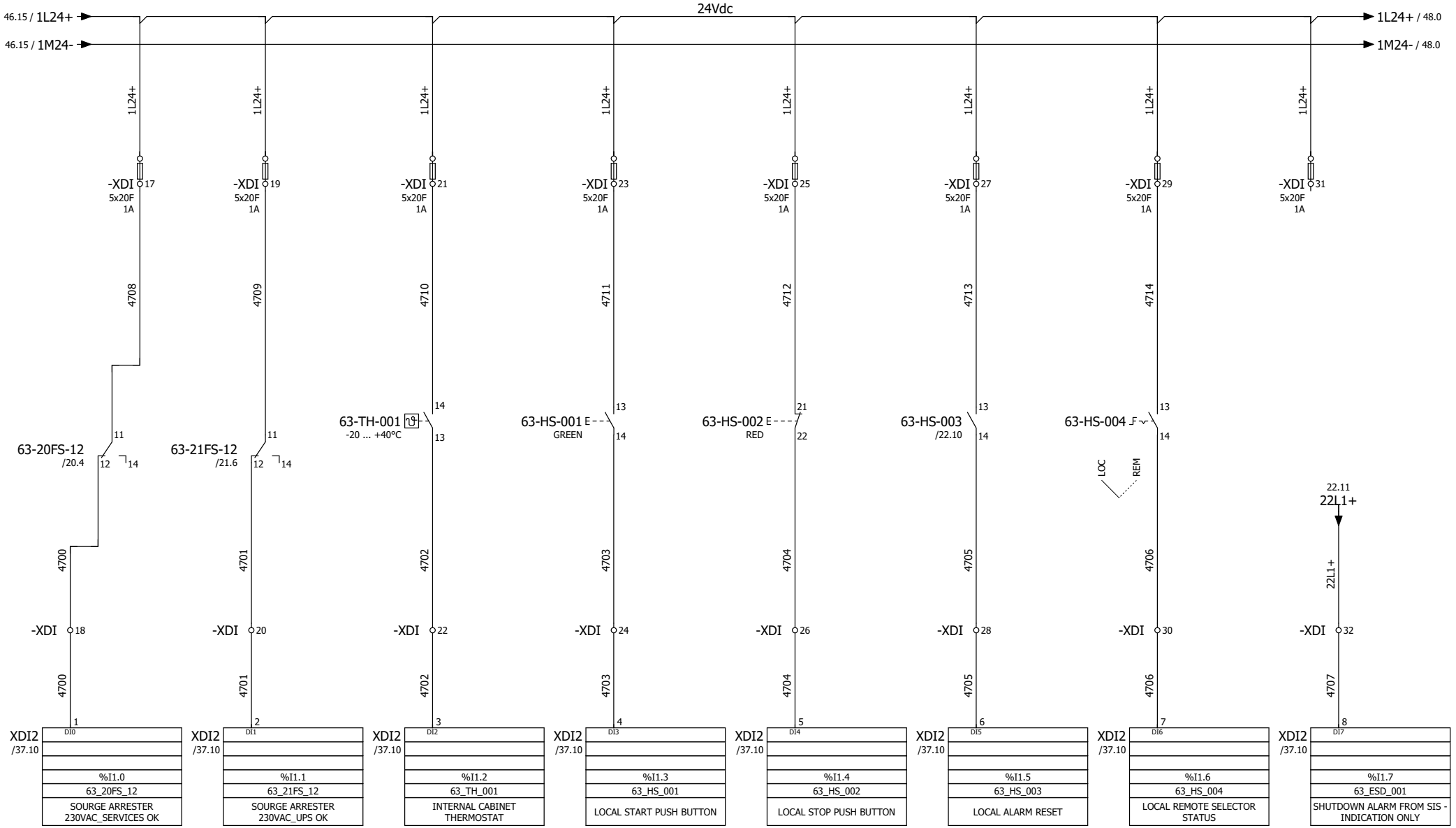
PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	45
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	46
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50



REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

coes 20th 1997 - 2017

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 46
DESCRIPTION: DIGITAL INPUT I/O RACK	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 47
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50



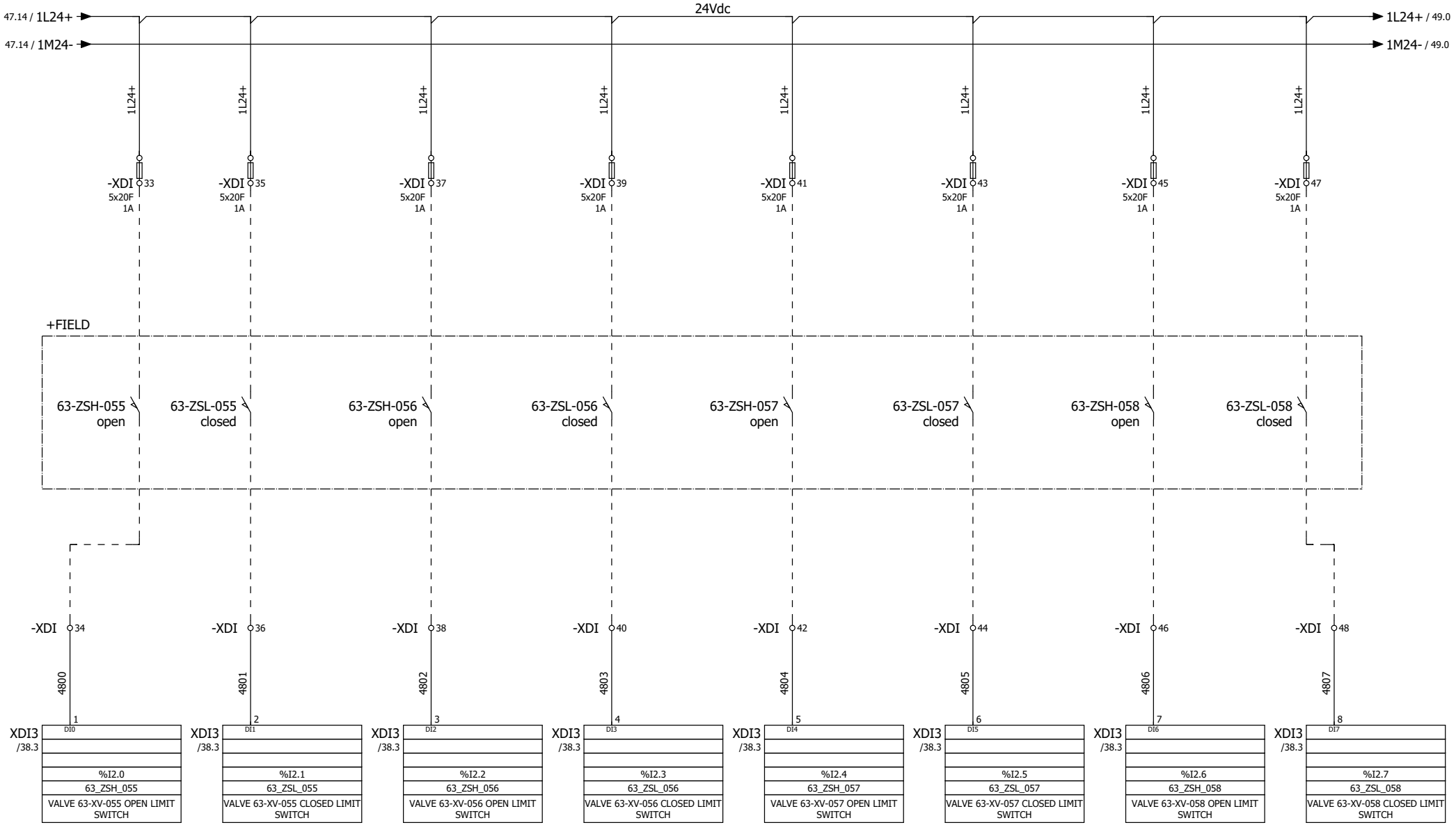
REV.	DATE	PREPARED	REV.	DATE	PREPARED
C	04.09.2024	O.A.			
A	30.05.2024	O.A.			

coes 20th 1997 - 2017

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
DIGITAL INPUT I/O RACK

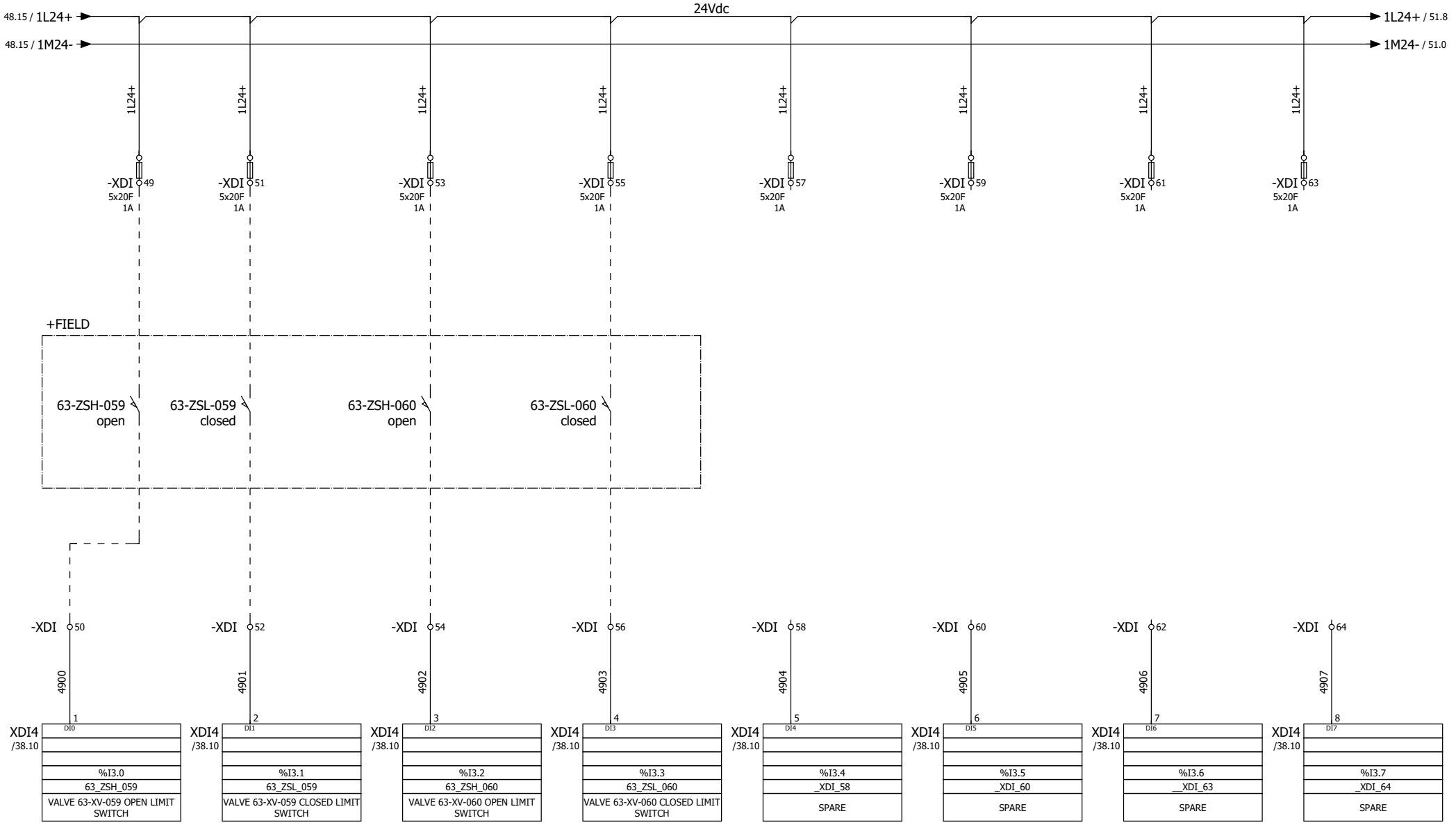
PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	47
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	48
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50



REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			

coes 20th 1997 - 2017

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 48
DESCRIPTION: DIGITAL INPUT I/O RACK	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 49
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50



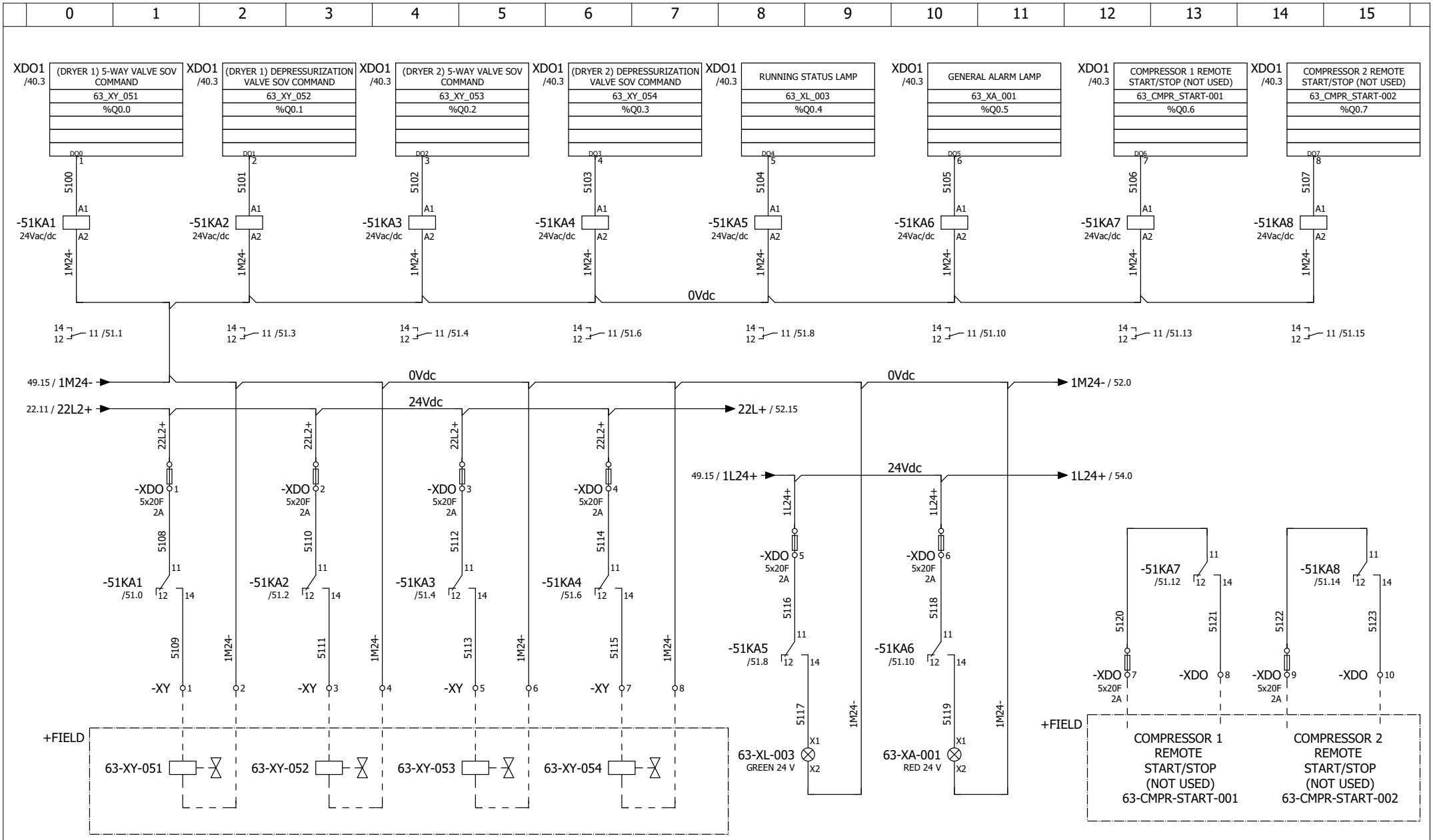
REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			

coes 20th 1997 - 2017

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
DIGITAL INPUT I/O RACK

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	49
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	51
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

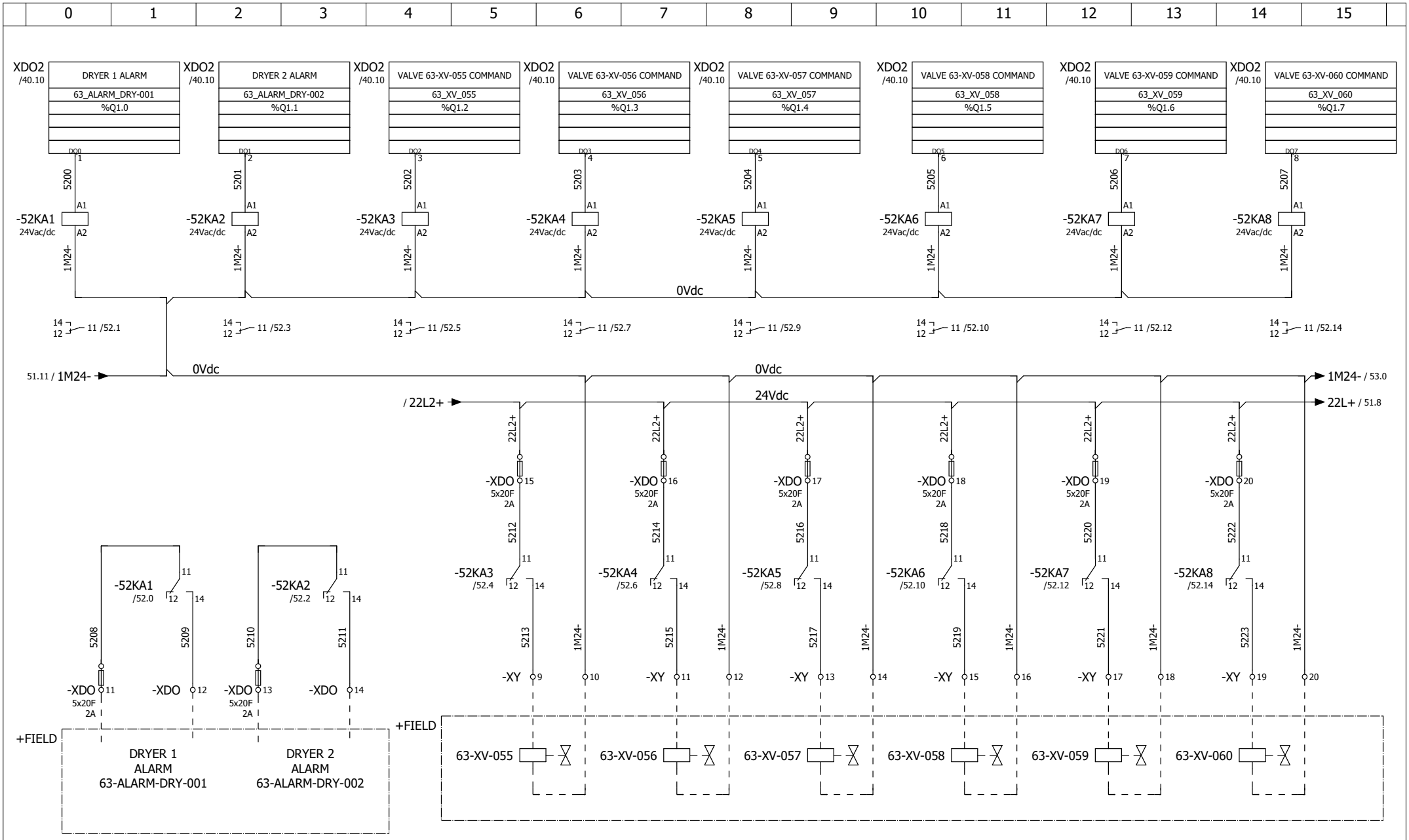


REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
DIGITAL OUTPUT I/O RACK

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	51
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	52
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

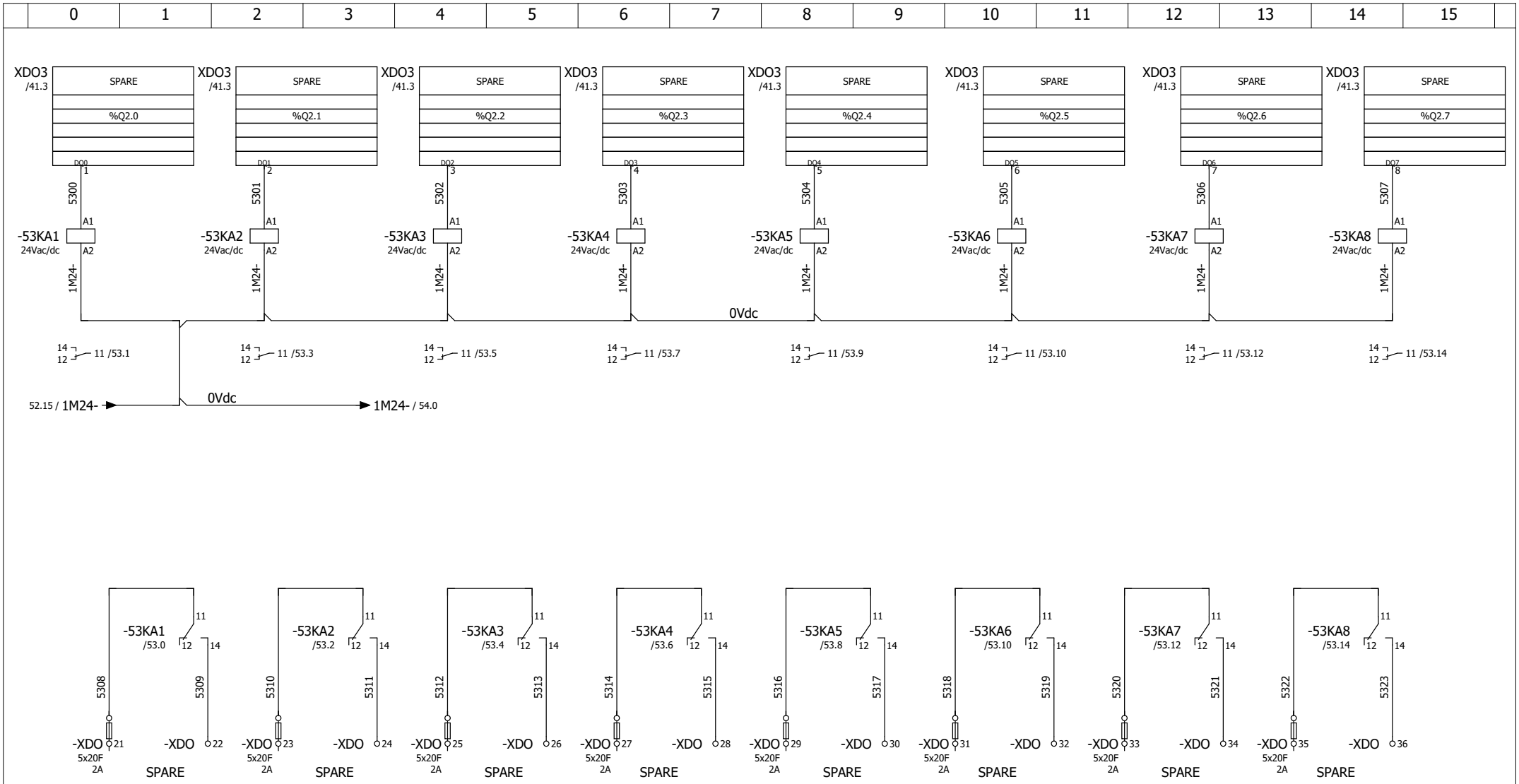


REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			
A	30.05.2024	O.A.			

coes 20th 1997 - 2017

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER
	DATE: 08.05.2024	APPROVED:	LOCATION: + QE
DESCRIPTION: DIGITAL OUTPUT I/O RACK	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD	

PAGE	NEXT	TOTAL SHEETS
52	53	50

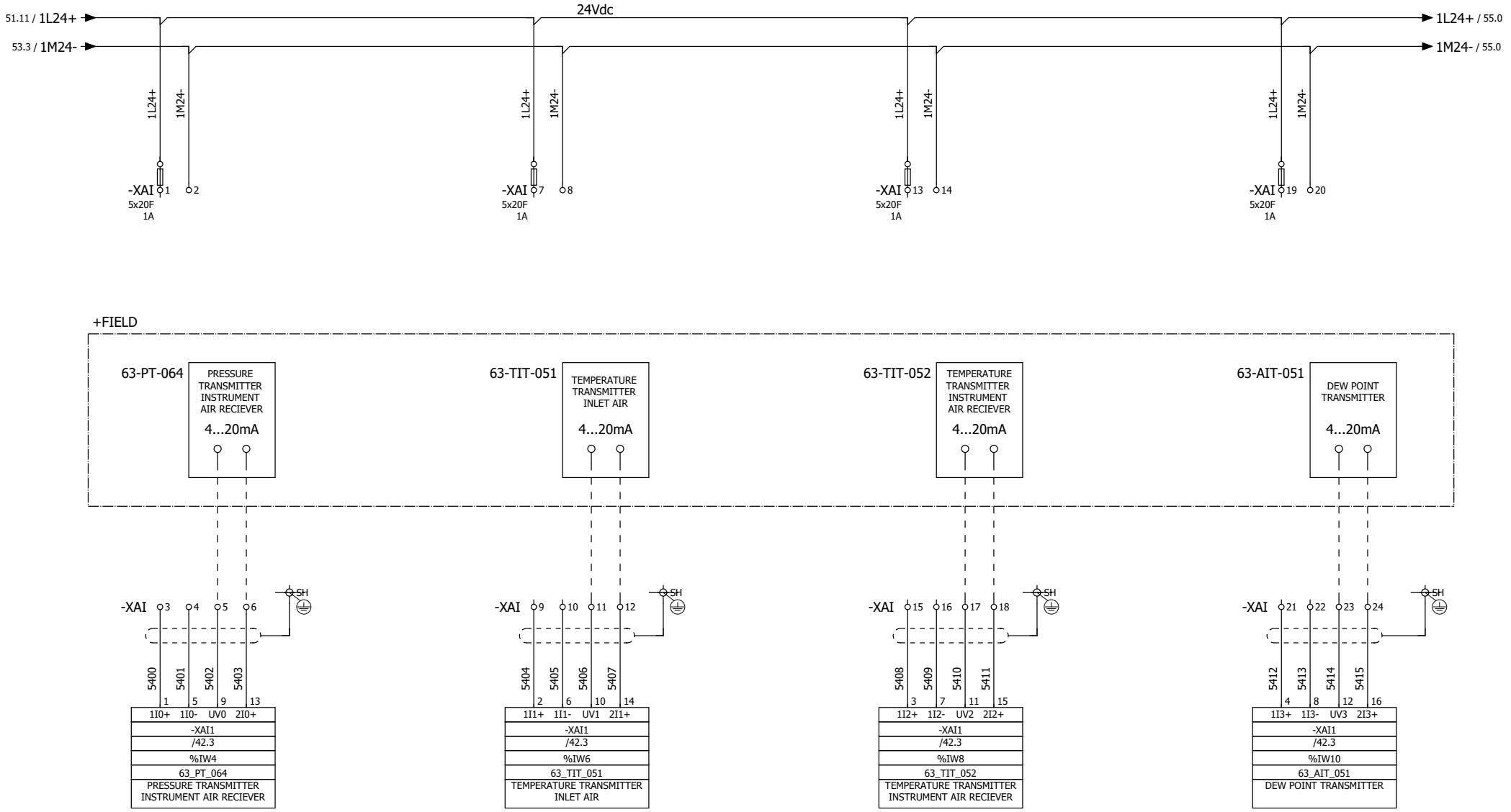


REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			

coes 20th 1997 - 2017

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER
DESCRIPTION: DIGITAL OUTPUT I/O RACK	DATE: 08.05.2024	APPROVED:	LOCATION: + QE
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD	TOTAL SHEETS: 50

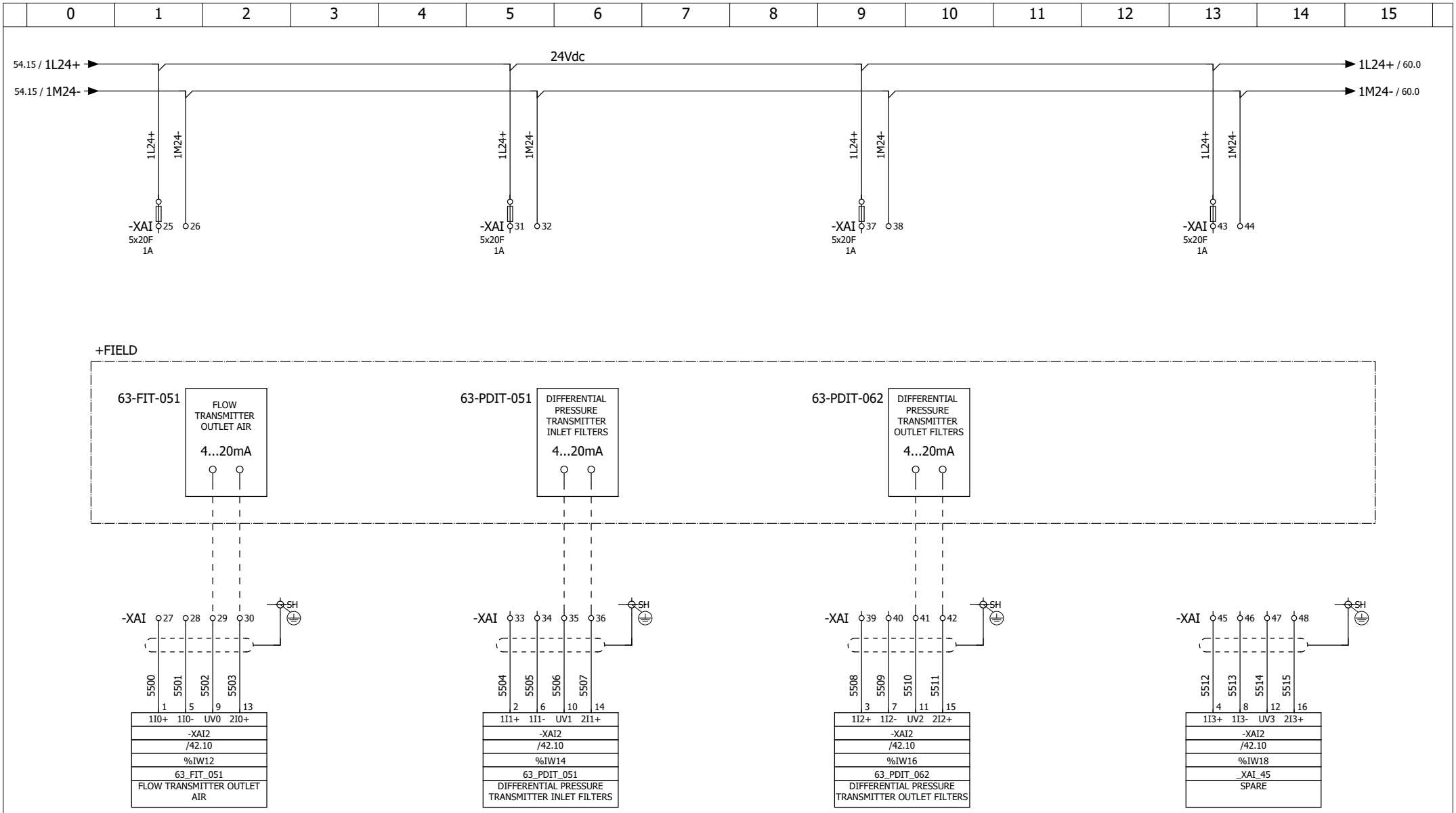
PAGE: 53
NEXT: 54



REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

coes 20th 1997 - 2017

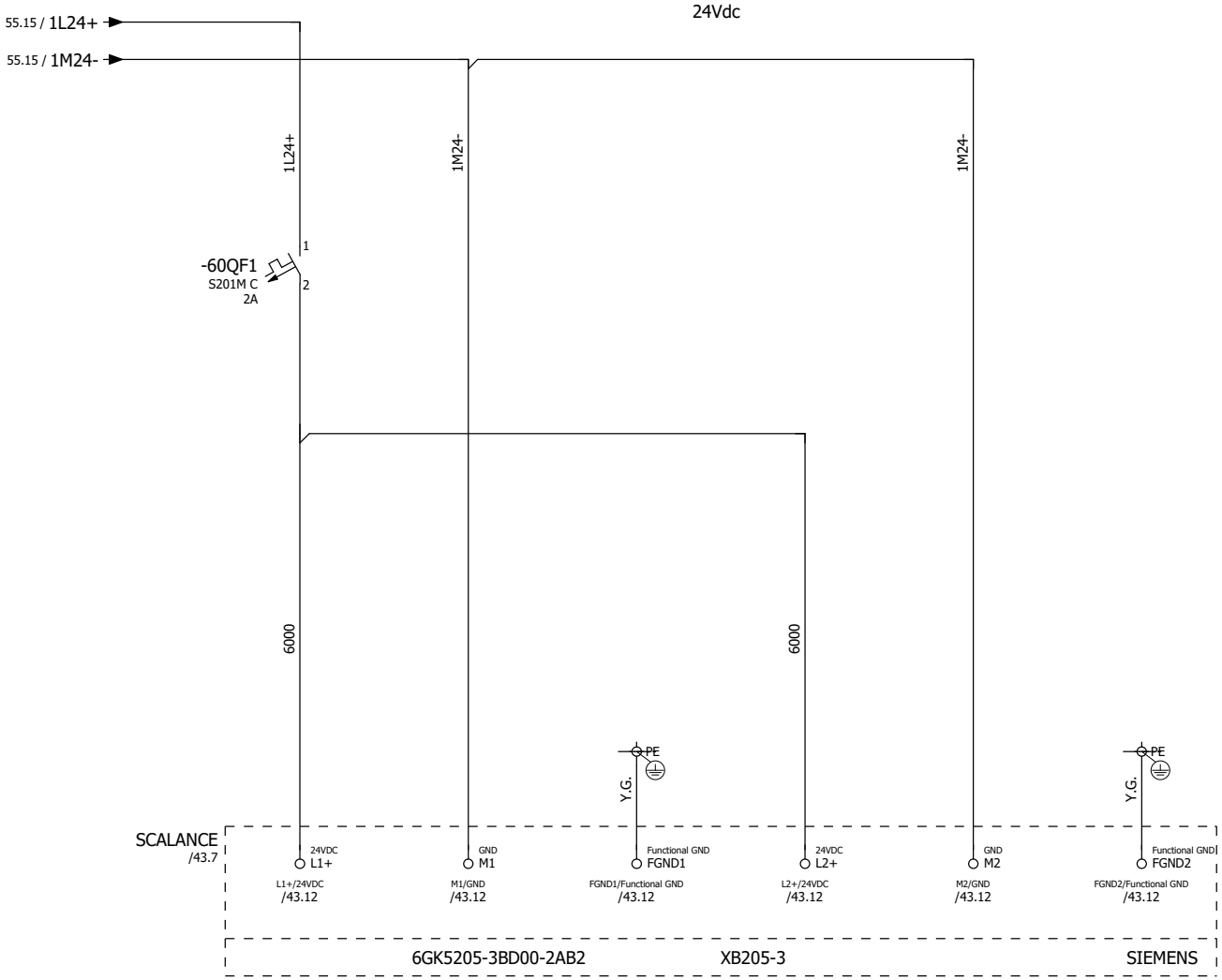
PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 54
DESCRIPTION: ANALOG INPUT I/O RACK	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 55
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50



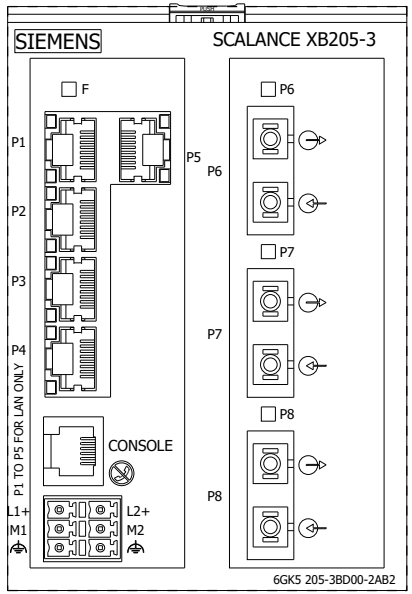
REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

coes 20th 1997 - 2017

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 55
DESCRIPTION: ANALOG INPUT I/O RACK	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 60
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50



SCALANCE
/43.7

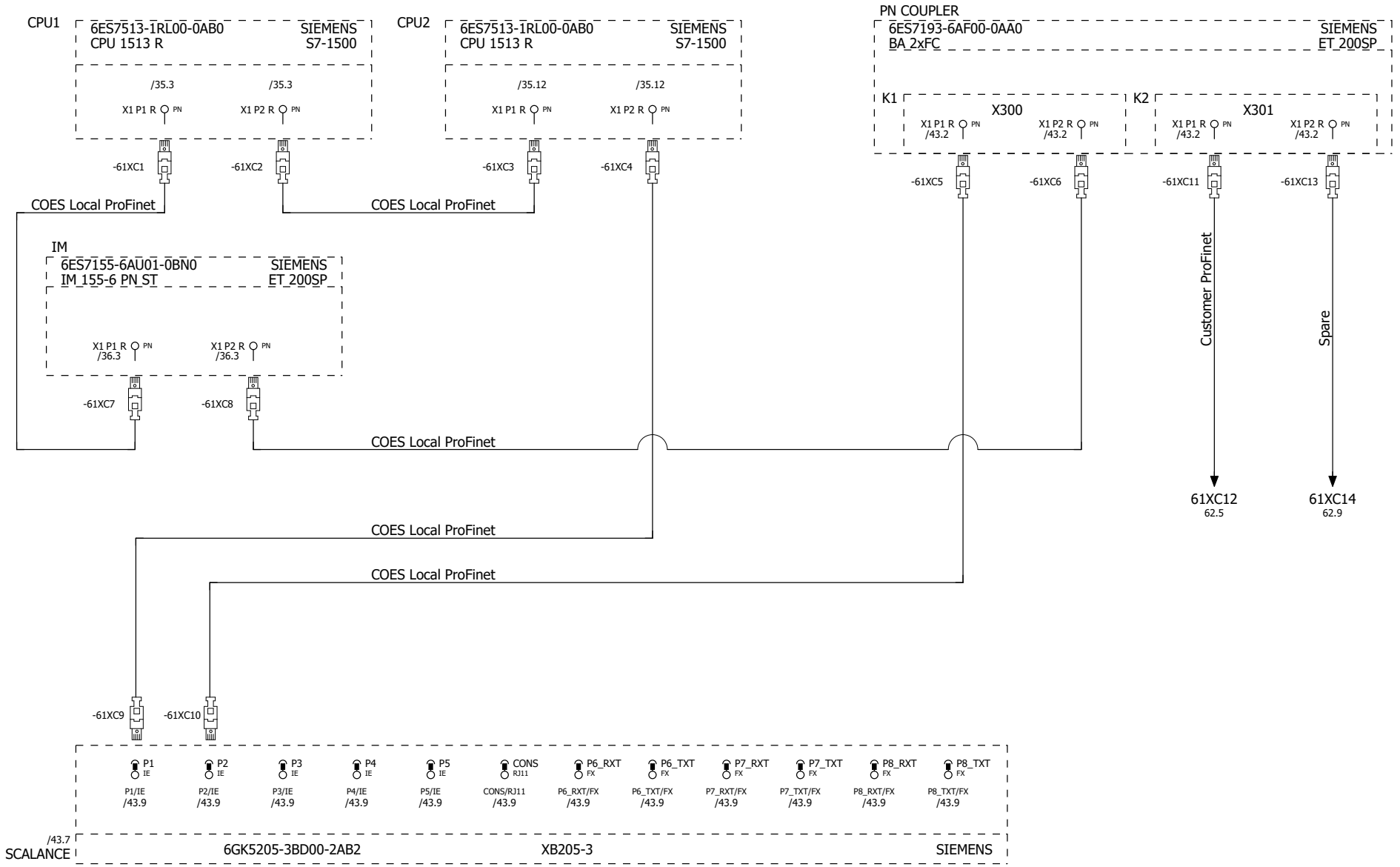


REV.	DATE	PREPARED	REV.	DATE	PREPARED

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
AUXILIARY CIRCUIT SWTCH 5 PORT PROFINET

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	60
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	61
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

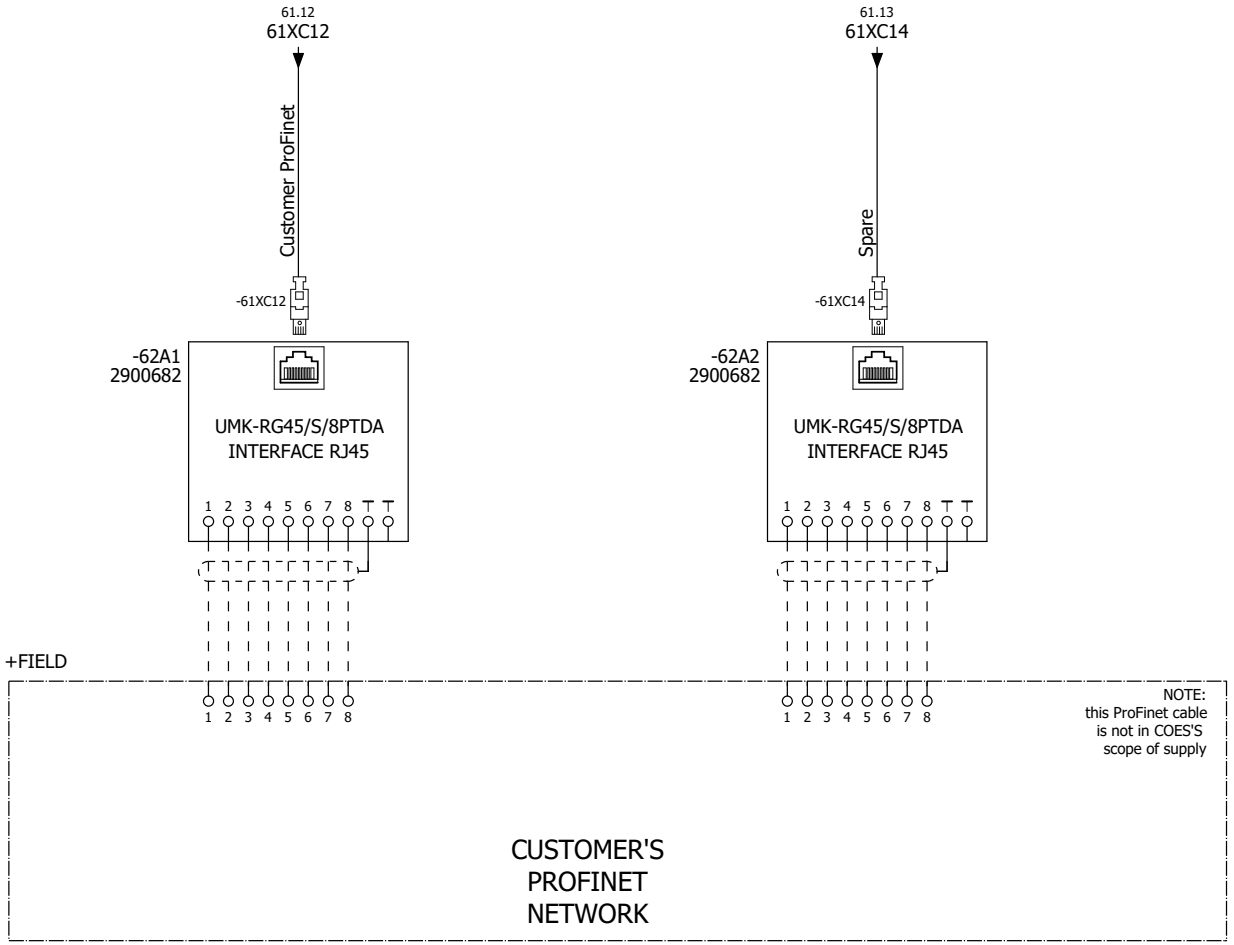


REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
CONNECTION ProfiNet INTERNAL
SWITCHBOARD

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	61
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	62
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50



REV.	DATE	PREPARED	REV.	DATE	PREPARED
A	30.05.2024	O.A.			

PLANT	PREPARED	CHECKED	PLANT
COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	ASSOLARI O.	TIRABOSCHI T.	= DRYER
DESCRIPTION	DATE	APPROVED	LOCATION
CONNECTION ProfiNet INTERNAL SWITCHBOARD	08.05.2024		+ QE
	WORK ORDER N	DRAWING N	
	2024.4814_001	d241025-WD	

PAGE	NEXT	TOTAL SHEETS
62	70	50

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

TERMINAL STRIP

=DRYER+QE-X1

SWITCHBOARD: DESTIN. DEVICE – SHEET AND COLUMN	CONNECT.	DEVICE IDENT. CODE	WIRING	SWITCHBOARD: TERMINAL JUM – TERM. TYPE		TERM. NUM.	PLANT: DESTIN. DEVICE – CONNECT.	DEVICE IDENT. CODE
/20.2	1	-20QF1	L230	WDU 10	-	1		-L
/20.2	3	-20QF1	N230	WDU 10	-	2		-N
/20.3		-PE		WPE 10	-	PE		

REV.	DATE	PREPARED	REV.	DATE	PREPARED

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM

DESCRIPTION: TERMINAL BOARD -X1

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	70
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	71
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

TERMINAL STRIP

=DRYER+QE-X2

SWITCHBOARD – DESTIN. DEVICE: SHEET AND COLUMN	CONNECT.	DEVICE IDENT. CODE	WIRING	TERMINAL JUM: TERM. TYPE		TERM. NUM.	PLANT – DESTIN. DEVICE: CONNECT.	DEVICE IDENT. CODE
/21.3	1	-21QF1	L230UPS	WDU 10	-	1		-L
/21.3	3	-21QF1	N230UPS	WDU 10	-	2		-N
/21.4		-PE		WPE 10	-	PE		

TERMINAL STRIP

=DRYER+QE-XA

Section	Group	Field						
SWITCHBOARD	DESTIN. DEVICE	SHEET AND COLUMN	/22.1	/22.2	/21.14	/22.10	/22.13	/22.13
SWITCHBOARD	DESTIN. DEVICE	CONNECT.			1	13	15/16	14
SWITCHBOARD	DESTIN. DEVICE	DEVICE IDENT. CODE			-21FU2	-22K1	-22KA2	-22KA2
SWITCHBOARD	DESTIN. DEVICE	WIRING			1L24+	1L24+	2211	2212
SWITCHBOARD	TERMINAL JUM	TERM. TYPE	WSI 6	WDU 2.5	WSI 6		WDU 2.5	WDU 2.5
SWITCHBOARD	TERMINAL JUM		-	-	-		-	-
SWITCHBOARD	TERMINAL JUM	TERM. NUM.	1	2	3		4	5
PLANT	DESTIN. DEVICE	CONNECT.	1	2	A1			
PLANT	DESTIN. DEVICE	DEVICE IDENT. CODE	-22KA1	-22KA1	-22K1			

REV.	DATE	PREPARED	REV.	DATE	PREPARED
C	04.09.2024	O.A.			
A	30.05.2024	O.A.			

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 72
	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 73
DESCRIPTION: TERMINAL BOARD -XA	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50

TERMINAL STRIP

=DRYER+QE-XDI

PLANT	DESTIN. DEVICE	CONNECT.	TERM. NUM.		TERM. TYPE	TERMINAL JUM	WIRING	DEVICE IDENT. CODE	CONNECT.	SHEET AND COLUMN	DESTIN. DEVICE	SWITCHBOARD
-45QF1	-XDI1	1	1		KDKS 1/35 DB			+FIELD-63-PS-054		/46.1		
-XDI1	-XDI1	1	2	-				+FIELD-63-PS-054		/46.1		
	-XDI1		3		KDKS 1/35 DB			+FIELD-63-PS-056		/46.2		
-XDI1	-XDI1	2	4	-				+FIELD-63-PS-056		/46.2		
	-XDI1		5		KDKS 1/35 DB			+FIELD-63-PS-058		/46.4		
-XDI1	-XDI1	3	6	-				+FIELD-63-PS-058		/46.4		
	-XDI1		7		KDKS 1/35 DB			+FIELD-63-PS-060		/46.6		
-XDI1	-XDI1	4	8	-				+FIELD-63-PS-060		/46.6		
	-XDI1		9		KDKS 1/35 DB			+FIELD-63-CMPR-RUN-FDBCK-001		/46.8		
-XDI1	-XDI1	5	10	-				+FIELD-63-CMPR-RUN-FDBCK-001		/46.8		
	-XDI1		11		KDKS 1/35 DB			+FIELD-63-CMPR-ALARM-FDBCK-001		/46.10		
-XDI1	-XDI1	6	12	-				+FIELD-63-CMPR-ALARM-FDBCK-001		/46.10		
	-XDI1		13		KDKS 1/35 DB			+FIELD-63-CMPR-RUN-FDBCK-002		/46.12		
-XDI1	-XDI1	7	14	-				+FIELD-63-CMPR-RUN-FDBCK-002		/46.12		
	-XDI1		15		KDKS 1/35 DB			+FIELD-63-CMPR-ALARM-FDBCK-002		/46.14		
-XDI1	-XDI1	8	16	-				+FIELD-63-CMPR-ALARM-FDBCK-002		/46.14		
	-XDI2		17		KDKS 1/35 DB		4708	-63-20FS-12	11	/47.0		
-XDI2	-XDI2	1	18	-			4700	-63-20FS-12	12	/47.0		
	-XDI2		19		KDKS 1/35 DB		4709	-63-21FS-12	11	/47.2		
-XDI2	-XDI2	2	20	-			4701	-63-21FS-12	12	/47.2		
	-XDI2		21		KDKS 1/35 DB		4710	-63-TH-001	14	/47.4		
-XDI2	-XDI2	3	22	-			4702	-63-TH-001	13	/47.4		
	-XDI2		23		KDKS 1/35 DB		4711	-63-HS-001	13	/47.6		
-XDI2	-XDI2	4	24	-			4703	-63-HS-001	14	/47.6		
	-XDI2		25		KDKS 1/35 DB		4712	-63-HS-002	21	/47.8		
-XDI2	-XDI2	5	26	-			4704	-63-HS-002	22	/47.8		
	-XDI2		27		KDKS 1/35 DB		4713	-63-HS-003	13	/47.10		
-XDI2	-XDI2	6	28	-			4705	-63-HS-003	14	/47.10		
	-XDI2		29		KDKS 1/35 DB		4714	-63-HS-004	13	/47.12		
-XDI2	-XDI2	7	30	-			4706	-63-HS-004	14	/47.12		
	-XDI2		31		KDKS 1/35 DB							
-XDI2	-XDI2	8	32	-			22L1+	-22K1	14	/22.10		
	-XDI3		33		KDKS 1/35 DB			+FIELD-63-ZSH-055		/48.1		
-XDI3	-XDI3	1	34	-				+FIELD-63-ZSH-055		/48.1		
	-XDI3		35		KDKS 1/35 DB			+FIELD-63-ZSL-055		/48.2		
-XDI3	-XDI3	2	36	-				+FIELD-63-ZSL-055		/48.2		
	-XDI3		37		KDKS 1/35 DB			+FIELD-63-ZSH-056		/48.4		
-XDI3	-XDI3	3	38	-				+FIELD-63-ZSH-056		/48.4		
	-XDI3		39		KDKS 1/35 DB			+FIELD-63-ZSL-056		/48.6		
-XDI3	-XDI3	4	40	-				+FIELD-63-ZSL-056		/48.6		

REV.	DATE	PREPARED	REV.	DATE	PREPARED

coes 20th coes 1997 - 2017

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
TERMINAL BOARD -XDI

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	73
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	74
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

TERMINAL STRIP

=DRYER+QE-XDI

PLANT	DESTIN. DEVICE	CONNECT.	TERM. NUM.	TERMINAL JUM	DESTIN. DEVICE	WIRING	DEVICE IDENT. CODE	SHEET AND COLUMN
			41	KDKS 1/35 DB			+FIELD-63-ZSH-057	/48.8
	-XDI3	5	42				+FIELD-63-ZSH-057	/48.8
			43	KDKS 1/35 DB			+FIELD-63-ZSL-057	/48.10
	-XDI3	6	44				+FIELD-63-ZSL-057	/48.10
			45	KDKS 1/35 DB			+FIELD-63-ZSH-058	/48.12
	-XDI3	7	46				+FIELD-63-ZSH-058	/48.12
			47	KDKS 1/35 DB			+FIELD-63-ZSL-058	/48.14
	-XDI3	8	48				+FIELD-63-ZSL-058	/48.14
			49	KDKS 1/35 DB			+FIELD-63-ZSH-059	/49.1
	-XDI4	1	50				+FIELD-63-ZSH-059	/49.1
			51	KDKS 1/35 DB			+FIELD-63-ZSL-059	/49.2
	-XDI4	2	52				+FIELD-63-ZSL-059	/49.2
			53	KDKS 1/35 DB			+FIELD-63-ZSH-060	/49.4
	-XDI4	3	54				+FIELD-63-ZSH-060	/49.4
			55	KDKS 1/35 DB			+FIELD-63-ZSL-060	/49.6
	-XDI4	4	56				+FIELD-63-ZSL-060	/49.6
			57	KDKS 1/35 DB				
	-XDI4	5	58					
			59	KDKS 1/35 DB				
	-XDI4	6	60					
			61	KDKS 1/35 DB				
	-XDI4	7	62					
	-XDO	5	63	KDKS 1/35 DB				
	-XDI4	8	64					

REV.	DATE	PREPARED	REV.	DATE	PREPARED

coes 20th coes 1997 - 2017

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
TERMINAL BOARD -XDI

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	74
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	75
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

TERMINAL STRIP

=DRYER+QE-XDO

TERM. NUM.	PLANT / DESTIN. DEVICE / DEVICE IDENT. CODE	PLANT / DESTIN. DEVICE / CONNECT.	TERMINAL JUM / TERM. TYPE	TERMINAL JUM / WIRING	SWITCHBOARD / DESTIN. DEVICE / DEVICE IDENT. CODE	SWITCHBOARD / DESTIN. DEVICE / CONNECT.	SHEET AND COLUMN
1	-22K1	24	WSI 6	5108	-51KA1	11	/51.1
2			WSI 6	5110	-51KA2	11	/51.3
3			WSI 6	5112	-51KA3	11	/51.4
4			WSI 6	5114	-51KA4	11	/51.6
5	-XDI	63	WSI 6	5116	-51KA5	11	/51.8
6	-XAI	1	WSI 6	5118	-51KA6	11	/51.10
7	-51KA7	11	WSI 6				/51.12
8			WDU 2.5	5121	-51KA7	14	/51.13
9	-51KA8	11	WSI 6				/51.14
10			WDU 2.5	5123	-51KA8	14	/51.15
11	-52KA1	11	WSI 6	5209	-52KA1	14	/52.1
12			WDU 2.5				/52.2
13	-52KA2	11	WSI 6	5211	-52KA2	14	/52.3
14			WDU 2.5	5212	-52KA3	11	/52.5
15			WSI 6	5214	-52KA4	11	/52.7
16			WSI 6	5216	-52KA5	11	/52.9
17			WSI 6	5218	-52KA6	11	/52.10
18			WSI 6	5220	-52KA7	11	/52.12
19			WSI 6	5222	-52KA8	11	/52.14
20			WSI 6				
21	-53KA1	11	WSI 6	5309	-53KA1	14	/53.1
22			WDU 2.5				
23	-53KA2	11	WSI 6	5311	-53KA2	14	/53.3
24			WDU 2.5				
25	-53KA3	11	WSI 6	5313	-53KA3	14	/53.5
26			WDU 2.5				
27	-53KA4	11	WSI 6	5315	-53KA4	14	/53.7
28			WDU 2.5				
29	-53KA5	11	WSI 6	5317	-53KA5	14	/53.9
30			WDU 2.5				
31	-53KA6	11	WSI 6	5319	-53KA6	14	/53.10
32			WDU 2.5				
33	-53KA7	11	WSI 6	5321	-53KA7	14	/53.12
34			WDU 2.5				
35	-53KA8	11	WSI 6	5323	-53KA8	14	/53.14
36			WDU 2.5				

REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
TERMINAL BOARD -XDO

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	75
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	76
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

TERMINAL STRIP

=DRYER+QE-XY

PLANT / DESTIN. DEVICE / DEVICE IDENT. CODE	PLANT / DESTIN. DEVICE / CONNECT.	SWITCHBOARD / TERMINAL JUM / TERM. NUM.	SWITCHBOARD / TERMINAL JUM /	SWITCHBOARD / TERMINAL JUM / TERM. TYPE	SWITCHBOARD / DESTIN. DEVICE / WIRING	SWITCHBOARD / DESTIN. DEVICE / DEVICE IDENT. CODE	SWITCHBOARD / DESTIN. DEVICE / CONNECT.	SWITCHBOARD / DESTIN. DEVICE / SHEET AND COLUMN
+FIELD-63-XV-051		1	.	WDU 2.5	5109	-51KA1	14	/51.1
+FIELD-63-XV-051		2	•	WDU 2.5	1M24-	-51KA1	A2	/51.0
					1M24-	-51KA2	A2	/51.2
+FIELD-63-XV-052		3	-	WDU 2.5	5111	-51KA2	14	/51.3
+FIELD-63-XV-052		4	•	WDU 2.5				
+FIELD-63-XV-053		5	-	WDU 2.5	5113	-51KA3	14	/51.4
+FIELD-63-XV-053		6	•	WDU 2.5				
+FIELD-63-XV-054		7	-	WDU 2.5	5115	-51KA4	14	/51.6
+FIELD-63-XV-054		8	•	WDU 2.5	1M24-	-63-XL-003	X2	/51.9
+FIELD-63-XV-055		9	-	WDU 2.5	5213	-52KA3	14	/52.5
+FIELD-63-XV-055		10	•	WDU 2.5	1M24-	-52KA1	A2	/52.0
					1M24-	-52KA2	A2	/52.2
+FIELD-63-XV-056		11	-	WDU 2.5	5215	-52KA4	14	/52.7
+FIELD-63-XV-056		12	•	WDU 2.5				
+FIELD-63-XV-057		13	-	WDU 2.5	5217	-52KA5	14	/52.9
+FIELD-63-XV-057		14	•	WDU 2.5				
+FIELD-63-XV-058		15	-	WDU 2.5	5219	-52KA6	14	/52.10
+FIELD-63-XV-058		16	•	WDU 2.5				
+FIELD-63-XV-059		17	-	WDU 2.5	5221	-52KA7	14	/52.12
+FIELD-63-XV-059		18	•	WDU 2.5				
+FIELD-63-XV-060		19	-	WDU 2.5	5223	-52KA8	14	/52.14
+FIELD-63-XV-060		20	•	WDU 2.5	1M24-	-53KA1	A2	/53.0
					1M24-	-53KA2	A2	/53.2

REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			

PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
TERMINAL BOARD -XY

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	76
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	77
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

TERMINAL STRIP

=DRYER+QE-XAI

PLANT	SWITCHBOARD	TERMINAL JUM	DESTIN. DEVICE		
DESTIN. DEVICE		TERM. NUM.	TERM. TYPE	WIRING	DEVICE IDENT. CODE	CONNECT.	SHEET AND COLUMN
-XDO	6	1	KDKS 1/35 DB			6	
		2		1M24-	-52KA1	A2	/52.0
				1M24-	-52KA2	A2	/52.2
		3	WDU 2.5	5400	-XAI1	1	/54.1
		4	WDU 2.5	5401	-XAI1	5	/54.1
+FIELD-63-PT-064		5	WDU 2.5	5402	-XAI1	9	/54.2
+FIELD-63-PT-064		6	WDU 2.5	5403	-XAI1	13	/54.2
		7	KDKS 1/35 DB				
		8					
-XAI1		9	WDU 2.5			2	
-XAI1		10	WDU 2.5			6	
-XAI1		11	WDU 2.5	0Vdc	+FIELD-63-TIT-051	10	/54.6
-XAI1		12	WDU 2.5	0Vdc	+FIELD-63-TIT-051	14	/54.6
		13	KDKS 1/35 DB				
		14					
-XAI1		15	WDU 2.5			3	
-XAI1		16	WDU 2.5			7	
-XAI1		17	WDU 2.5	0Vdc	+FIELD-63-TIT-052	11	/54.10
-XAI1		18	WDU 2.5	0Vdc	+FIELD-63-TIT-052	15	/54.10
		19	KDKS 1/35 DB				
		20					
-XAI1		21	WDU 2.5			4	
-XAI1		22	WDU 2.5			8	
-XAI1		23	WDU 2.5	0Vdc	+FIELD-63-AIT-051	12	/54.14
-XAI1		24	WDU 2.5	0Vdc	+FIELD-63-AIT-051	16	/54.14
		25	KDKS 1/35 DB				
		26					
		27	WDU 2.5	5500	-XAI2	1	/55.1
		28	WDU 2.5	5501	-XAI2	5	/55.1
+FIELD-63-FIT-051		29	WDU 2.5	5502	-XAI2	9	/55.2
+FIELD-63-FIT-051		30	WDU 2.5	5503	-XAI2	13	/55.2
		31	KDKS 1/35 DB				
		32					
-XAI2		33	WDU 2.5			2	
-XAI2		34	WDU 2.5			6	
-XAI2		35	WDU 2.5	0Vdc	+FIELD-63-PDIT-051	10	/55.6
-XAI2		36	WDU 2.5	0Vdc	+FIELD-63-PDIT-051	14	/55.6
		37	KDKS 1/35 DB				
		38					
-XAI2		39	WDU 2.5			3	

REV.	DATE	PREPARED	REV.	DATE	PREPARED
C	04.09.2024	O.A.			

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PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
TERMINAL BOARD -XAI

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	77
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	78
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

TERMINAL STRIP

=DRYER+QE-XAI

SWITCHBOARD	DESTIN. DEVICE	SHEET AND COLUMN		/55.10	/55.10		/60.3				
SWITCHBOARD	DESTIN. DEVICE	CONNECT.					M1				
SWITCHBOARD	DESTIN. DEVICE	DEVICE IDENT. CODE		+FIELD-63-PDIT-062	+FIELD-63-PDIT-062		-SCALANCE				
SWITCHBOARD	DESTIN. DEVICE	WIRING		0Vdc	0Vdc		1M24-				
SWITCHBOARD	TERMINAL JUM	TERM. TYPE	WDU 2.5	WDU 2.5	WDU 2.5	KDKS 1/35 DB		WDU 2.5	WDU 2.5	WDU 2.5	WDU 2.5
SWITCHBOARD	TERMINAL JUM		-	-	-		-	-	-	-	-
SWITCHBOARD	TERMINAL JUM	TERM. NUM.	40	41	42	43	44	45	46	47	48
PLANT	DESTIN. DEVICE	CONNECT.	7	11	15	1		4	8	12	16
PLANT	DESTIN. DEVICE	DEVICE IDENT. CODE	-XAI2	-XAI2	-XAI2	-60QF1		-XAI2	-XAI2	-XAI2	-XAI2

REV.	DATE	PREPARED	REV.	DATE	PREPARED
C	04.09.2024	O.A.			

coes 20th 1997 - 2017

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 78
	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 79
DESCRIPTION: TERMINAL BOARD -XAI	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50

TERMINAL STRIP

=DRYER+QE-XCOM

TERM. NUM.	TERM. TYPE	Jumper	SWITCHBOARD – DESTIN. DEVICE: WIRING	SWITCHBOARD – DESTIN. DEVICE: DEVICE IDENT. CODE	SWITCHBOARD – DESTIN. DEVICE: CONNECT.	SWITCHBOARD – DESTIN. DEVICE: SHEET AND COLUMN	PLANT – DESTIN. DEVICE: CONNECT.	PLANT – DESTIN. DEVICE: DEVICE IDENT. CODE
1	ZDK 4-2 V	1–5	1L24+	-21QF3	2	/21.9		
2	ZDK 4-2 V	1–5						
3	ZDK 4-2 V	1–5						
4	ZDK 4-2 V	1–5						
5	ZDK 4-2 V	1–5					1	-21FU2
6	ZDK 4-2 V	6–10	1M24-	-21GS1	-	/21.10		
7	ZDK 4-2 V	6–10						
8	ZDK 4-2 V	6–10						
9	ZDK 4-2 V	6–10						
10	ZDK 4-2 V	6–10					X2	-63-XL-004

REV.	DATE	PREPARED	REV.	DATE	PREPARED
C	04.09.2024	O.A.			

coes 20th 1997 - 2017

PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 79
	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT: 85
DESCRIPTION: TERMINAL BOARD -XCOM	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50

COMPONENT LIST

COMPONENT TAG	QUANTITY	DESCRIPTION	ARTICLE CODE	CONSTRUCTOR	SHEET
-63-20FS-12	1	SPJ P-VMS 280 Fm R surge arrester Type 2 single-phase for L-(PE)N systems	SPJ316227	SIPF	20
-63-21FS-12	1	SPJ P-VMS 280 Fm R surge arrester Type 2 single-phase for L-(PE)N systems	SPJ316227	SIPF	21
-63-HS-001	1	Green flush complete pushbutton Ø22 spring return 1NO "unmarked"	SE.XB4BA31	SCHNEIDER	47
-63-HS-002	1	Red flush complete pushbutton Ø22 spring return 1NC "unmarked"	SE.XB4BA42	SCHNEIDER	47
-63-HS-003	1	Blue flush complete pushbutton Ø22 spring return 1NO	SE.XB4BA61	SCHNEIDER	22
-63-HS-003	1	Harmony XB4/XB5 1NO contact	SE.ZBE101	SCHNEIDER	22
-63-HS-004	1	Black selector switch Ø22 2-position stay put 1NO+1NC 600V	SE.XB4BD25	SCHNEIDER	47
-63-SBM-001	1	Red Ø40 Emergency stop, switching off Ø22 latching turn release 2NC+1NO	SE.XB4BS84441	SCHNEIDER	22
-63-SBM-001	1	Round guard for Ø 40 Emergency stop, plastic, yellow, 63.5 mm	SE.ZB4BZ1905	SCHNEIDER	22
-63-TH-001	1	Panel thermostat, 1 contacts NO (-20...+40)°C	FIN.7T.81.0.000.2301	FINDER	47
-63-XA-001	1	Red complete pilot light Ø22 plain lens with integral LED 24V	SE.XB4BVB4	SCHNEIDER	51
-63-XL-001	1	White complete pilot light Ø22 plain lens with integral LED 230...240V	SE.XB4BVM1	SCHNEIDER	20
-63-XL-002	1	White complete pilot light Ø22 plain lens with integral LED 230...240V	SE.XB4BVM1	SCHNEIDER	21
-63-XL-003	1	Green complete pilot light Ø22 plain lens with integral LED 24V	SE.XB4BVB3	SCHNEIDER	51
-63-XL-004	1	White complete pilot light Ø22 plain lens with integral LED 24V	SE.XB4BVB1	SCHNEIDER	21
-62A1	1	UMK-RJ45/S/8PTDA - VARIOFACE module for connecting a RJ45 socket with spring-cage double connection terminal blocks in direct plug-in method.	PXC.2900682	PHOENIX CONTACT	62
-62A2	1	UMK-RJ45/S/8PTDA - VARIOFACE module for connecting a RJ45 socket with spring-cage double connection terminal blocks in direct plug-in method.	PXC.2900682	PHOENIX CONTACT	62
-CPU1	1	SIMATIC S7-1500R CPU 1513R-1 PN, 300KB program/1,5MB data	SIE.6ES7513-1RL00-0AB0	SIEMENS	35
-CPU1	1	SIMATIC S7 MEMORY CARD, 24 MB	SIE.6ES7954-8LF03-0AA0	SIEMENS	35
-CPU2	1	SIMATIC S7-1500R CPU 1513R-1 PN, 300KB program/1,5MB data	SIE.6ES7513-1RL00-0AB0	SIEMENS	35
-CPU2	1	SIMATIC S7 MEMORY CARD, 24 MB	SIE.6ES7954-8LF03-0AA0	SIEMENS	35
-20E1	1	HEATER 100W 230VAC 90X80X110	HJSHT100	ALFA PLASTIC	20
-20FA4	1	Residual current device DDA202 type AC 25A 30mA - 2P	ABB.2CSB202001R1250	ABB	20
-20FU1	1	FUSE HOLDER 2P 10X38 , 32A 690V	LOV.FB01F2P	LOVATO	20
-20FU1	2	CYLINDRICAL FUSE C10G2 10x38, GG, 2A, 500V AC	KMC10G2	EATON BUSSMAN	20
-20FU2	1	FUSE HOLDER TYPE 2P 22x58 690VAC - 100/125A	Q25802	ETI	20
-20FU2	2	FUSE gL/gG 22x58 125A	gl258125	OMEGA	20
-21FU1	1	FUSE HOLDER 2P 10X38 , 32A 690V	LOV.FB01F2P	LOVATO	21

REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			
A	30.05.2024	O.A.			

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PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER / PAGE: 85
DESCRIPTION: COMPONENT LIST	DATE: 08.05.2024	APPROVED:	LOCATION: + QE / NEXT: 86
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD	TOTAL SHEETS: 50

COMPONENT LIST

COMPONENT TAG	QUANTITY	DESCRIPTION	ARTICLE CODE	CONSTRUCTOR	SHEET
-21FU1	2	CYLINDRICAL FUSE C10G2 10x38, GG, 2A, 500V AC	KMC10G2	EATON BUSSMAN	21
-21FU2	1	FUSE HOLDER 1P 10X38 , 32A 690V	LOV.FB01F1P	LOVATO	21
-21FU2	1	CYLINDRICAL FUSE C10G2 10x38, GG, 2A, 500V AC	KMC10G2	EATON BUSSMAN	21
-21FU3	1	FUSE HOLDER TYPE 2P 22x58 690VAC - 100/125A	Q25802	ETI	21
-21FU3	2	FUSE gL/gG 22x58 125A	gl258125	OMEGA	21
-21GS1	1	TRIO-PS-2G/1AC/24DC/20 Primary-switched TRIO POWER power supply input: 100VAC...240VAC single-phase, output: 24 V DC/20 A	PXC.2903151	PHOENIX CONTACT	21
-20H1	1	Plafoniera lineare a led, 110÷240V AC, 50/60HZ,600 lm, 368mm	050PEL3C	NEW ELFIN	20
-IM	1	ET 200SP PROFINET INTERFACE MODULE IM155-6PN/2 HF , INCLUDING SERVER MODULE (6ES7193-6PA00-0AA0	SIE.6ES7155-6AU01-0CN0	SIEMENS	36
-IM	1	SIMATIC ET 200SP, BUSADAPTER BA 2X RJ45, 2 RJ45 SOCKETS FOR PROFINET	SIE.6ES7193-6AR00-0AA0	SIEMENS	36
-22K1	1	SIRIUS safety relay Basic unit Standard series Relay enabling circuits 3 NO contacts plus Relay signaling circuit 1 NC contact Us = 24 V AC/DC screw terminal	SIE.3SK1111-1AB30	SIEMENS	22
-22KA1	1	SIL 2 - SIL 3 Digital Relay Output Loop Powered DIN-Rail and terminal board Models D5244D - 2 channels relay output ,provides 2 port isolation (input/output) Supply 24Vdc	GMI.D5244D	gmi	22
-22KA2	1	SIL 2 - SIL 3 Digital Relay Output Loop Powered DIN-Rail and terminal board Models D5244D - 2 channels relay output ,provides 2 port isolation (input/output) Supply 24Vdc	GMI.D5244D	gmi	22
-51KA1	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	51
-51KA2	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	51
-51KA3	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	51
-51KA4	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	51
-51KA5	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	51
-51KA6	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	51
-51KA7	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	51
-51KA8	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	51
-52KA1	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	52
-52KA2	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	52
-52KA3	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	52
-52KA4	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	52
-52KA5	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	52
-52KA6	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	52
-52KA7	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	52
-52KA8	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	52

REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			
A	30.05.2024	O.A.			

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PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
COMPONENT LIST

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	86
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	87
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

COMPONENT LIST

COMPONENT TAG	QUANTITY	DESCRIPTION	ARTICLE CODE	CONSTRUCTOR	SHEET
-53KA1	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	53
-53KA2	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	53
-53KA3	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	53
-53KA4	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	53
-53KA5	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	53
-53KA6	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	53
-53KA7	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	53
-53KA8	1	PLC-RSC- 24UC/21 PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC	PXC.2966184	PHOENIX CONTACT	53
-PN COUPLER	1	SIMATIC PN/PN Coupler for deterministic data exchange between max.4 PN-Controller per subnet, , PROFIsafe data exchange, I/O-, MSI-, MSO- and data record communication, redundant power supply, PN-connection via SIMATIC BusAdapter (BA)	SIE.6ES7158-3AD10-0XA0	SIEMENS	43
-PN COUPLER	1	5 pcs. strain relief for PROFINET cable at SIMATIC BusAdapter	SIE.6ES7193-6RA00-1AN0	SIEMENS	43
-20QF1	1	Miniature Circuit Breaker - S202M - 2P - C - 32 A	ABB.2CDS272001R0324	ABB	20
-20QF2	1	Miniature Circuit Breaker - S202M - 2P - C - 2 A	ABB.2CDS272001R0024	ABB	20
-20QF3	1	Miniature Circuit Breaker - S202M - 2P - C - 2 A	ABB.2CDS272001R0024	ABB	20
-20QF4	1	Miniature Circuit Breaker - S202M - 2P - C - 16 A	ABB.2CDS272001R0164	ABB	20
-21QF1	1	Miniature Circuit Breaker - S202M - 2P - C - 32 A	ABB.2CDS272001R0324	ABB	21
-21QF2	1	Miniature Circuit Breaker - S202M - 2P - C - 4 A	ABB.2CDS272001R0044	ABB	21
-21QF3	1	Miniature Circuit Breaker - S201M - 1P - C - 20 A	ABB.2CDS271001R0204	ABB	21
-30QF3	1	Miniature Circuit Breaker - S201M - 1P - C - 2 A	ABB.2CDS271001R0024	ABB	30
-44QF1	1	Miniature Circuit Breaker - S201M - 1P - C - 2 A	ABB.2CDS271001R0024	ABB	44
-44QF2	1	Miniature Circuit Breaker - S201M - 1P - C - 2 A	ABB.2CDS271001R0024	ABB	44
-44QF3	1	Miniature Circuit Breaker - S201M - 1P - C - 2 A	ABB.2CDS271001R0024	ABB	44
-44QF4	1	Miniature Circuit Breaker - S201M - 1P - C - 2 A	ABB.2CDS271001R0024	ABB	44
-44QF5	1	Miniature Circuit Breaker - S201M - 1P - C - 2 A	ABB.2CDS271001R0024	ABB	44
-45QF1	1	Miniature Circuit Breaker - S201M - 1P - C - 2 A	ABB.2CDS271001R0024	ABB	45
-60QF1	1	Miniature Circuit Breaker - S201M - 1P - C - 2 A	ABB.2CDS271001R0024	ABB	60
-20S1	1	Limit switch ausiliary contacts 1NO+1NC	PIZ.FR505	PIZZATO	20
-SCALANCE	1	SCALANCE XB205-3	SIE.6GK5205-3BD00-2AB2	SIEMENS	43
-20T1	1	Panel thernostat/hygrostat, 1 pole, 10 A - NO - (+10...+60)°C / (50...90)% - Nominal voltage 110...230 VAC/DC	FIN.7T.51.0.230.4360	FINDER	20

REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			
A	30.05.2024	O.A.			

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PLANT
COMMAND AND CONTROL SWITCHBOARDS
DRYER - WIRING DIAGRAM

DESCRIPTION
COMPONENT LIST

PREPARED	CHECKED	PLANT	PAGE
ASSOLARI O.	TIRABOSCHI T.	= DRYER	87
DATE	APPROVED	LOCATION	NEXT
08.05.2024		+ QE	88
WORK ORDER N	DRAWING N		TOTAL SHEETS
2024.4814_001	d241025-WD		50

COMPONENT LIST

COMPONENT TAG	QUANTITY	DESCRIPTION	ARTICLE CODE	CONSTRUCTOR	SHEET
-20X1	1	Shuko/Italian std. socket 2P+T 16A (two module white system series)	GW20246	GEWISS	20
-20X1	1	Wall mounting modular box IP40 (2 modules)	GW27002	GEWISS	20
-XAI1	1	ET 200SP, AI 4XI 2-/4-WIRE ST, PU 1	SIE.6ES7134-6GD01-0BA1	SIEMENS	42
-XAI1	1	BASEUNIT TYPE A0, BU15-P16+A0+2D	SIE.6ES7193-6BP00-0DA0	SIEMENS	42
-XAI2	1	ET 200SP, AI 4XI 2-/4-WIRE ST, PU 1	SIE.6ES7134-6GD01-0BA1	SIEMENS	42
-XAI2	1	BASEUNIT TYPE A0, BU15-P16+A0+2B	SIE.6ES7193-6BP00-0BA0	SIEMENS	42
-61XC1	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC2	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC3	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC4	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC5	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC6	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC7	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC8	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC9	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC10	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC11	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC12	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	62
-61XC13	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	61
-61XC14	1	RJ45 connector	PXC.1419001	PHOENIX CONTACT	62
-XDI1	1	SIMATIC ET 200SP DI 8x 24V DC Basic ,sink input	SIE.6ES7131-6BF01-0AA0	SIEMENS	37
-XDI1	1	BASEUNIT TYPE A0, BU15-P16+A0+2D	SIE.6ES7193-6BP00-0DA0	SIEMENS	37
-XDI2	1	SIMATIC ET 200SP DI 8x 24V DC Basic ,sink input	SIE.6ES7131-6BF01-0AA0	SIEMENS	37
-XDI2	1	BASEUNIT TYPE A0, BU15-P16+A0+2B	SIE.6ES7193-6BP00-0BA0	SIEMENS	37
-XDI3	1	SIMATIC ET 200SP DI 8x 24V DC Basic ,sink input	SIE.6ES7131-6BF01-0AA0	SIEMENS	38
-XDI3	1	BASEUNIT TYPE A0, BU15-P16+A0+2B	SIE.6ES7193-6BP00-0BA0	SIEMENS	38
-XDI4	1	SIMATIC ET 200SP DI 8x 24V DC Basic ,sink input	SIE.6ES7131-6BF01-0AA0	SIEMENS	38
-XDI4	1	BASEUNIT TYPE A0, BU15-P16+A0+2B	SIE.6ES7193-6BP00-0BA0	SIEMENS	38

COMPONENT LIST

COMPONENT TAG	QUANTITY	DESCRIPTION	ARTICLE CODE	CONSTRUCTOR	SHEET
-XDO1	1	SIMATIC ET 200SP, DQ 8x 24V DC/0,5A Basic, Source output	SIE.6ES7132-6BF01-0AA0	SIEMENS	40
-XDO1	1	BASEUNIT TYPE A0, BU15-P16+A0+2D	SIE.6ES7193-6BP00-0DA0	SIEMENS	40
-XDO2	1	SIMATIC ET 200SP, DQ 8x 24V DC/0,5A Basic, Source output	SIE.6ES7132-6BF01-0AA0	SIEMENS	40
-XDO2	1	BASEUNIT TYPE A0, BU15-P16+A0+2B	SIE.6ES7193-6BP00-0BA0	SIEMENS	40
-XDO3	1	SIMATIC ET 200SP, DQ 8x 24V DC/0,5A Basic, Source output	SIE.6ES7132-6BF01-0AA0	SIEMENS	41
-XDO3	1	BASEUNIT TYPE A0, BU15-P16+A0+2B	SIE.6ES7193-6BP00-0BA0	SIEMENS	41

REV.	DATE	PREPARED	REV.	DATE	PREPARED
B	01.08.2024	O.A.			
A	30.05.2024	O.A.			

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PLANT: COMMAND AND CONTROL SWITCHBOARDS DRYER - WIRING DIAGRAM	PREPARED: ASSOLARI O.	CHECKED: TIRABOSCHI T.	PLANT: = DRYER	PAGE: 89
DESCRIPTION: COMPONENT LIST	DATE: 08.05.2024	APPROVED:	LOCATION: + QE	NEXT:
	WORK ORDER N: 2024.4814_001	DRAWING N: d241025-WD		TOTAL SHEETS: 50