


















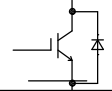
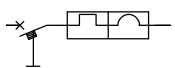







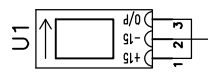


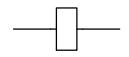



















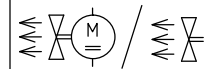

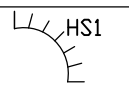

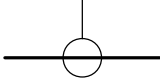

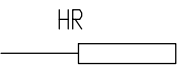




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D	 INFRASTRUKTURA I ŚRODOWISKO <small>NARODOWA STRATEGIA SPÓJNOŚCI</small>			 Pr Natura		 UNIA EUROPEJSKA <small>FUNDUSZ SPÓJNOŚCI</small>		ZASTĘPUJE DOKUMENT NR./SUBSTITUTES DOC. NO. -	ZLECENIE NR./JOB NO. 10168	WYDANY PRZEZ/ISSUED BY BORRI																																
E	<table border="1"> <thead> <tr> <th>REW.</th> <th>DATA WYDANIA</th> <th>KOD. WYDANIA</th> <th>OPIS REWIZJI</th> <th>PRZYGOTOWANY PRZEZ</th> <th>SPRAWDZONY PRZEZ</th> <th>ZATWIERDZONY PRZEZ</th> </tr> <tr> <th>REV.</th> <th>ISSUE DATE</th> <th>ISSUE CODE</th> <th>REVISION DESCRIPTION</th> <th>PREPARED BY</th> <th>CHECKED BY</th> <th>APPROVED BY</th> </tr> </thead> <tbody> <tr> <td>02</td> <td>13-03-2015</td> <td>-</td> <td>JAK WBUDOWANE AS BUILT</td> <td>C.Ciampini</td> <td>M.Freschi</td> <td>P.Conti</td> </tr> <tr> <td>01</td> <td>14-01-2015</td> <td>-</td> <td>REVISE ZABUDOWY REVISE FOR CONSTRUCTION</td> <td>C.Ciampini</td> <td>M.Freschi</td> <td>P.Conti</td> </tr> <tr> <td>00</td> <td>19-11-2014</td> <td>-</td> <td>PIERWSZE WYDANIE FIRST ISSUE</td> <td>C.Ciampini</td> <td>M.Freschi</td> <td>P.Conti</td> </tr> </tbody> </table>			REW.	DATA WYDANIA	KOD. WYDANIA	OPIS REWIZJI	PRZYGOTOWANY PRZEZ	SPRAWDZONY PRZEZ	ZATWIERDZONY PRZEZ	REV.	ISSUE DATE	ISSUE CODE	REVISION DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY	02	13-03-2015	-	JAK WBUDOWANE AS BUILT	C.Ciampini	M.Freschi	P.Conti	01	14-01-2015	-	REVISE ZABUDOWY REVISE FOR CONSTRUCTION	C.Ciampini	M.Freschi	P.Conti	00	19-11-2014	-	PIERWSZE WYDANIE FIRST ISSUE	C.Ciampini	M.Freschi	P.Conti	NAZWA OBIEKTU BUDOWLAN. ORAZ ADRES: /OBJECT'S NAME AND ADDRESS: ZAKŁAD TERMICZNEGO PRZEKSZTAŁCANIA ODPADÓW KOMUNALNYCH BYDGOSZCZ, UL. Ernsta Petersona 22, DZ. NR 2/101, 2/108 OBRĘB 0133		INWESTOR//INVESTOR  Międzygminny Komplex Unieszkodliwiania Odpadów ProNatura Sp. z o. o. Budowa Zakładu Termicznego Przekształcania Odpadów Komunalnych dla Bydgosko-Toruńskiego Obszaru Metropolitalnego	PROJEKT WYKONAWCZY TYTUŁ/TITLE AC-SYSTEM ELECTRICAL DRAWING
REW.	DATA WYDANIA	KOD. WYDANIA	OPIS REWIZJI	PRZYGOTOWANY PRZEZ	SPRAWDZONY PRZEZ	ZATWIERDZONY PRZEZ																																				
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F				AUTORYZACJA WYDANIA/APPROVAL ISSUE		PROJEKTANT: RICCARDO ROSSI SPECJALNOŚĆ: sieci, instalacje i urządzenia elektryczne i elektroenergetyczne NR UPRAWNIEN:	POCHOdzĄC OD/DERIVATED FROM -	<table border="1"> <thead> <tr> <th>KLASYFIKACJA</th> <th>KOMPLEKS</th> <th>SYSTEM</th> <th>JEDN. FUNK.</th> <th>TYP DOK.</th> <th>FORMAT/SIZE</th> <th>SKALA/SCALE</th> </tr> <tr> <th>CLASSIFICATION</th> <th>PLANT</th> <th></th> <th>FUN. UN.</th> <th>DOC. TYPE</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>S</td> <td>F</td> <td>R</td> <td>4</td> <td>2</td> <td>A3</td> <td>1:-</td> </tr> <tr> <td colspan="5">L O W I D I G</td> <td></td> <td></td> </tr> </tbody> </table>	KLASYFIKACJA	KOMPLEKS	SYSTEM	JEDN. FUNK.	TYP DOK.	FORMAT/SIZE	SKALA/SCALE	CLASSIFICATION	PLANT		FUN. UN.	DOC. TYPE			S	F	R	4	2	A3	1:-	L O W I D I G							DOKUMENT NR./DOCUMENT NO. 10168EKEY404	STRONA/SHEET 1	Z/OF 69			
KLASYFIKACJA	KOMPLEKS	SYSTEM	JEDN. FUNK.	TYP DOK.	FORMAT/SIZE	SKALA/SCALE																																				
CLASSIFICATION	PLANT		FUN. UN.	DOC. TYPE																																						
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F	INFORMACJE ZASTRZEŻONE – NIE UŻYWAĆ W CELACH INNYCH NIŻ TE DLA KTÓRYCH ZOSTAŁY DOSTARCZONE CONFIDENTIAL PROPERTY – NOT TO BE USED FOR ANY PURPOSE OTHER THAT FOR WHICH IT IS SUPPLIED							NAZWA PLIKU/FILE IDENTIFICATION 10168EKEY404-1 di 68-A3																																		
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<h1>BORRI</h1>	
COMMESSA - JOB : Praca JCB143229	CLIENTE - CUSTOMER : KLIENT 
ORDINE N. - ORDER N. : 100/14 dtd 03/11/14 ZAMOWIENIE NR	
DESCRIZIONE PROGETTO - PROJECT DESCRIPTION : OPIS PROJEKTU PARALLEL AC UPS SYSTEM L0-R42-SF002X	
IMPIANTO - SITE : INSTALACJA BYDGOSZCZ POLAND	
TITOLO - TITLE : TYTUL ELECTRICAL DRAWING	
MATRICOLA - PART NUMBER : NR IDENTYFIKACYJNY L14-002	PROGETTISTA - DESIGNER : TWORCA PROJEKTU M.Freschi
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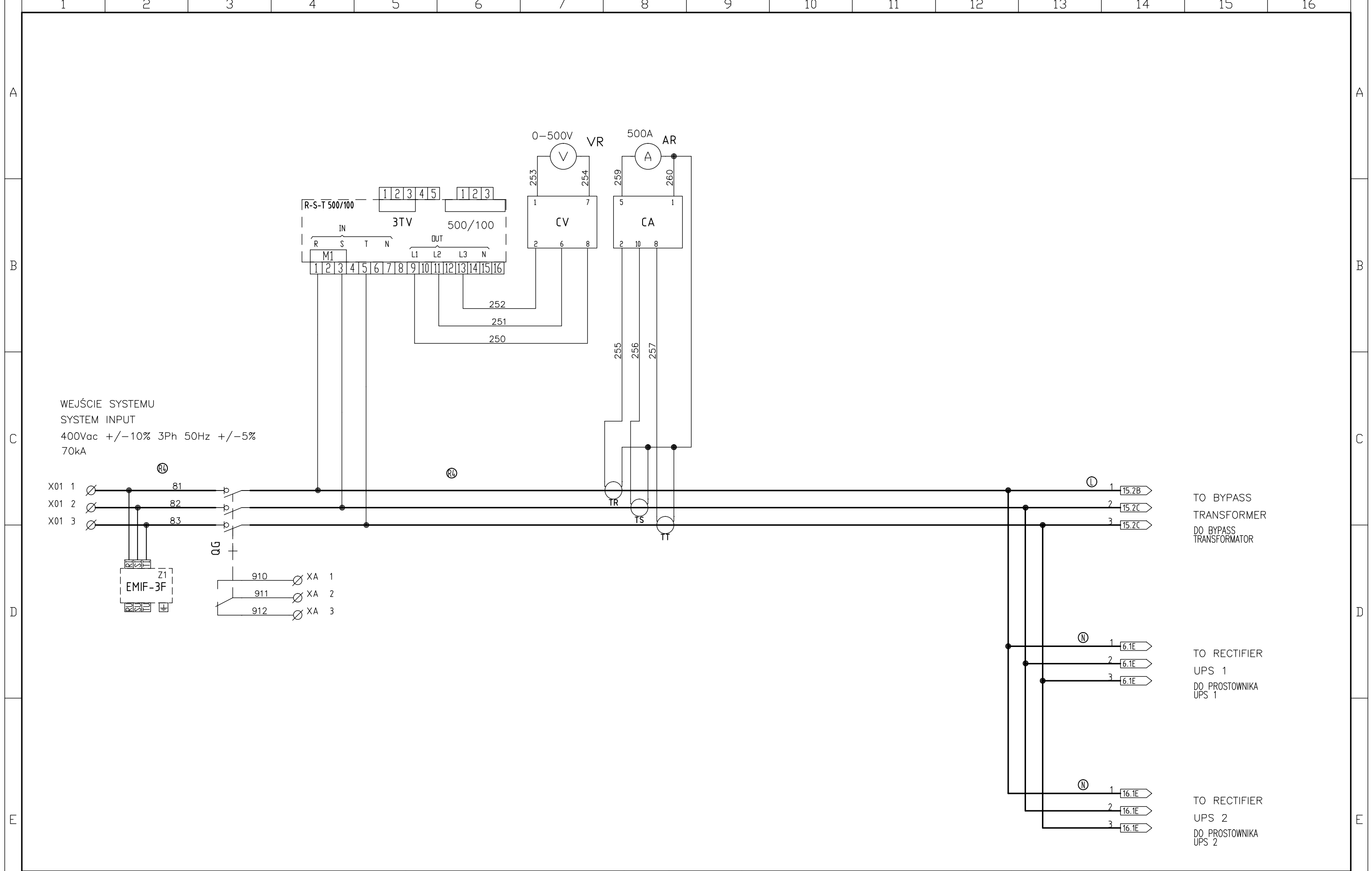
CLIENTE CUSTOMER KLIENT 		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N. DRAW. N. 10168EKEY404	 SCALA : SCALE : CAT. A	FG. SHEET 2	DI FG. OF SH. 69	
N. ORDINE ORDER N. ZAMOWIENIE NR 100/14 dtd 03/11/14		TITLE TYTUL		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE	01 FOR CONSTRUCTION DO KONSTRUKCJI	02 AS BUILT POWYKONAWCZY	14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF					

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16	
G	CAT. MAT.	DISEGNO N. DRAWING Nr. RYSUNEK Nr		Fg./Fg. Sh./Sh.		REVIS. REWIZ.					DESCRIZIONE DESCRIPTION OPIS		CAT. MAT.	DISEGNO N. DRAWING Nr. RYSUNEK Nr		Fg./Fg. Sh./Sh.		REVIS. REWIZ.					DESCRIZIONE DESCRIPTION OPIS								
		00	01	02	03	04	00	01	02	03	04	00		01	02	03	04														
A	A	10168EKEY402		1 - 69		x	x	x			COVER POKRYWA		A	10168EKEY402		24- 69		x	x	x			UPS 2 / AUXILIARY CIRCUITS UPS 2 / OBWODY POMOCNICZE								
	A	10168EKEY402		2 - 69		x	x	x			TITLE TYTUŁ		A	10168EKEY402		25- 69		x	x	x			230V AC DISTRIBUTION 230V AC DYSTRYBUCCJA								
	A	10168EKEY402		3 - 69		x	x	x			INDEX INDEKS		A	10168EKEY402		26- 69		x	x	x			230V AC DISTRIBUTION 230V AC DYSTRYBUCCJA								
	A	10168EKEY402		4 - 69		x	x	x			SIMBOLS LEGEND LEGENDA SYMBOLI		A	10168EKEY402		27- 69		x	x	x			230V AC DISTRIBUTION 230V AC DYSTRYBUCCJA								
	A	10168EKEY402		5 - 69		x	x	x			SYSTEM INPUT / POWER CIRCUIT WEJŚCIE SYSTEMU/OBWÓD MOCY		A	10168EKEY402		28- 69		x	x	x			230V AC DISTRIBUTION 230V AC DYSTRYBUCCJA								
B	A	10168EKEY402		6 - 69		x	x	x			RECTIFIER 1 / POWER CIRCUIT PROSTOWNICZY 1 / OBWÓD MOCY		A	10168EKEY402		29- 69		x	x	x			230V AC DISTRIBUTION 230V AC DYSTRYBUCCJA								
	A	10168EKEY402		7 - 69		x	x	x			RECTIFIER 1 / BRIDGE PROSTOWNICZY 1 / MOSTEK		A	10168EKEY402		30- 69		x	x	x			230V AC DISTRIBUTION 230V AC DYSTRYBUCCJA								
	A	10168EKEY402		8 - 69		x	x	x			INVERTER 1 / POWER CIRCUIT FALOWNIK 1 / OBWÓD MOCY		A	10168EKEY402		31- 69		x	x	x			230V AC DISTRIBUTION 230V AC DYSTRYBUCCJA								
	A	10168EKEY402		9 - 69		x	x	x			STATIC SWITCHES UPS 1 / POWER CIRCUIT PRZEŁĄCZNIKI STATYCZNE UPS 1 / OBWÓD MOCY		A	10168EKEY402		32- 69		x	x	x			230V AC DISTRIBUTION 230V AC DYSTRYBUCCJA								
	A	10168EKEY402		10 - 69		x	x	x			UPS 1 / PARALLEL CARD UPS 1 / KARTA RÓWNOLEGŁA		A	10168EKEY402		33- 69		x	x	x			230V AC DISTRIBUTION 230V AC DYSTRYBUCCJA								
C	A	10168EKEY402		11 - 69		x	x	x			INVERTER 1 / BRIDGE FALOWNIK 1 / MOSTEK		A	10168EKEY402		34- 69		x	x	x			230V AC DISTRIBUTION 230V AC DYSTRYBUCCJA								
	A	10168EKEY402		12 - 69		x	x	x			STATIC SWITCHES UPS 1 / POWER MODULES PRZEŁĄCZNIKI STATYCZNE UPS 1 / MODUŁY MOCY		A	10168EKEY402		35- 69		x	x	x			SPACE HEATERS / INTERNAL LIGHTING URZ. OGRZEWAJĄCE POMIĘSZCZENIE / OŚWIETLENIE WEWNĘTRZNE								
	A	10168EKEY402		13 - 69		x	x	x			INVERTER 1 / POWER MODULES FALOWNIK 1 / MODUŁY MOCY		A	10168EKEY402		36- 69		x	x	x			RECTIFIER 1 / TERMINAL BOARDS PROSTOWNICZ 1 / LISTWY ZACISKOWE								
	A	10168EKEY402		14 - 69		x	x	x			UPS 1 / AUXILIARY CIRCUITS UPS 1 / OBWODY POMOCNICZE		A	10168EKEY402		37- 69		x	x	x			INVERTER 1 / TERMINAL BOARDS FALOWNIK 1 / LISTWY ZACISKOWE								
	A	10168EKEY402		15 - 69		x	x	x			BYPASS 1 / TRANSFORMER BYPASS 1 / TRANSFORMATOR		A	10168EKEY402		38- 69		x	x	x			RECTIFIER 2 / TERMINAL BOARDS PROSTOWNICZ 2 / LISTWY ZACISKOWE								
D	A	10168EKEY402		16 - 69		x	x	x			RECTIFIER 2 / POWER CIRCUIT PROSTOWNICZY 2 / OBWÓD MOCY		A	10168EKEY402		39- 69		x	x	x			INVERTER 2/BYPASS / TERMINAL BOARDS FALOWNIK 2/ BYPASS / LISTWY ZACISKOWE								
	A	10168EKEY402		17 - 69		x	x	x			RECTIFIER 2 / BRIDGE PROSTOWNICZY 2 / MOSTEK		A	10168EKEY402		40- 69		x	x	x			DISTRIBUTION / TERMINAL BOARDS DYSTRYBUCCJA / LISTWY ZACISKOWE								
	A	10168EKEY402		18 - 69		x	x	x			INVERTER 2 / POWER CIRCUIT FALOWNIK 2 / OBWÓD MOCY		A	10168EKEY402		41- 69		x	x	x			DISTRIBUTION / TERMINAL BOARDS DYSTRYBUCCJA / LISTWY ZACISKOWE								
	A	10168EKEY402		19 - 69		x	x	x			STATIC SWITCHES UPS 2 / POWER CIRCUIT PRZEŁĄCZNIKI STATYCZNE UPS 2 / OBWÓD MOCY		A	10168EKEY402		42- 69		x	x	x			DISTRIBUTION / TERMINAL BOARDS DYSTRYBUCCJA / LISTWY ZACISKOWE								
	A	10168EKEY402		20 - 69		x	x	x			UPS 2 / PARALLEL CARD UPS 2 / KARTA RÓWNOLEGŁA		A	10168EKEY402		43- 69		x	x	x			DISTRIBUTION / TERMINAL BOARDS DYSTRYBUCCJA / LISTWY ZACISKOWE								
	A	10168EKEY402		21 - 69		x	x	x			INVERTER 2 / BRIDGE PROSTOWNICZY 2 / MOSTEK		A	10168EKEY402		44- 69		x	x	x			DISTRIBUTION / TERMINAL BOARDS DYSTRYBUCCJA / LISTWY ZACISKOWE								
E	A	10168EKEY402		22 - 69		x	x	x			STATIC SWITCHES UPS 2 / POWER MODULES PRZEŁĄCZNIKI STATYCZNE UPS 2 / MODUŁY MOCY		A	10168EKEY402		45 47 - 69		x	x	x			BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW								
	A	10168EKEY402		23 - 69		x	x	x			INVERTER 2 / POWER MODULES FALOWNIK 2 / MODUŁY MOCY		A	10168EKEY402		69- 69		x	x	x			BILL OF MATERIALS / SPARE PART LIST ZESTAWIENIE MATERIAŁÓW / WYKAZ CZĘŚCI ZAMIENNYCH								

CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 19-11-14	DATA DATE 04/12/14	DIS. N. DRAW. N. 10168EKEY404	 SCALA : SCALE :	FG. SHEET 3	DI FG. OF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14			400Vac 3Ph/220Vdc/400Vac 3Ph		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE	01 02	FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF	CAT. A				

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		ELECTRICAL CONNECTION POŁĄCZENIE ELEKTRYCZNE				IMPEDANCE OPÓR					IGBT IGBT				
A		CIRCUIT BREAKER THERMAL AND ELECTROMAGNETIC WYŁĄCZNIK OBWODOWY TERMICZNY I ELEKTROMAGNETYCZNY				DIODE DIODA					N.O. PUSH BUTTON N.O. PRZYCISK				A
		ON LOAD SWITCH NA PRZEŁĄCZNIKU OBCIĄŻENIA				FUSED SWITCH PRZEŁĄCZNIK Z BEZPIECZNIKAMI					N.C. PUSH BUTTON N.C. PRZYCISK				
		EMI FILTER FILTR EMI				POWER TRANSFORMER TRANSFORMATOR MOCY					LEM (HALL EFFECT TRANSFORMER) LEM (TRANSFORMATOR EFEKT HALLA)				
B		FUSE BEZPIECZNIK				12P POWER TRANSFORMER 12P TRANSFORMATOR MOCY					RELAY / CONTACTOR COIL PRZEKAŹNIK / CEWKA STYCZNIKA				
		LAMP LAMPA				BATTERIES AKUMULATORY									B
		FREQUENCY METER MIERNIK CZĘSTOTLIWOŚCI				REMOVABLE LINK ŁĄCZE USUWALNE									
		AMMETER AMPEROMIERZ				GROUND RELAY PRZEKAŹNIK UZIEMIĄCY									
C		VOLTMETER WOLTMIERZ				THERMOSTAT TERMOSTAT									
		PHASE METER MIERNIK FAZY				ELECTROLYTIC CAPACITOR KONDENSATOR ELEKTROLITYCZNY									
		VOLTMETER SWITCH PRZEŁĄCZNIK WOLTMIERZA				THYRISTOR TYRYSTOR									
		AMMETER SWITCH PRZEŁĄCZNIK AMPEROMIERZA				LED LED									
D		AC/AC STABILIZER AC/AC STABILIZATOR				METAL OXIDE VARISTOR (OVERVOLTAGE SUPPRESSOR) WARYSTOR Z TLENKU METALU (URZ.ZAPOB.PRZEPIĘCIU)									
		RECTIFIER PROSTOWNIK				POTENTIOMETER POTENCJOMETR									
		TERMINAL TERMINAL				FAN									D
		DC/DC CONVERTER PRZETWORNIK DC/DC				HEAT SINK ROZPRASZACZ CIEPŁA									
		INVERTER FALOWNIK				AMMETRIC TRANSFORMER TRANSFORMATOR Z AMPEROM.									
		CAPACITOR KONDENSATOR				HEATER RESISTOR OPORNIK GRZĄDKI									
E		EARTH UZIEMIENIE				VOLTMETRIC TRANSFORMER TRANSFORMATOR WOLTMETRYCZNY									
		STATIC SWITCH PRZEŁĄCZNIK STATYCZNY				SHUNT BOCZNIK									E

CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 19-11-14	DATA DATE 04/12/14	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 4	DI FG. OF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14			400Vac 3Ph/220Vdc/400Vac 3Ph		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15	01	AS PER COMMENTS WZTAWSZY POD UWAGĘ	14/01/15	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	



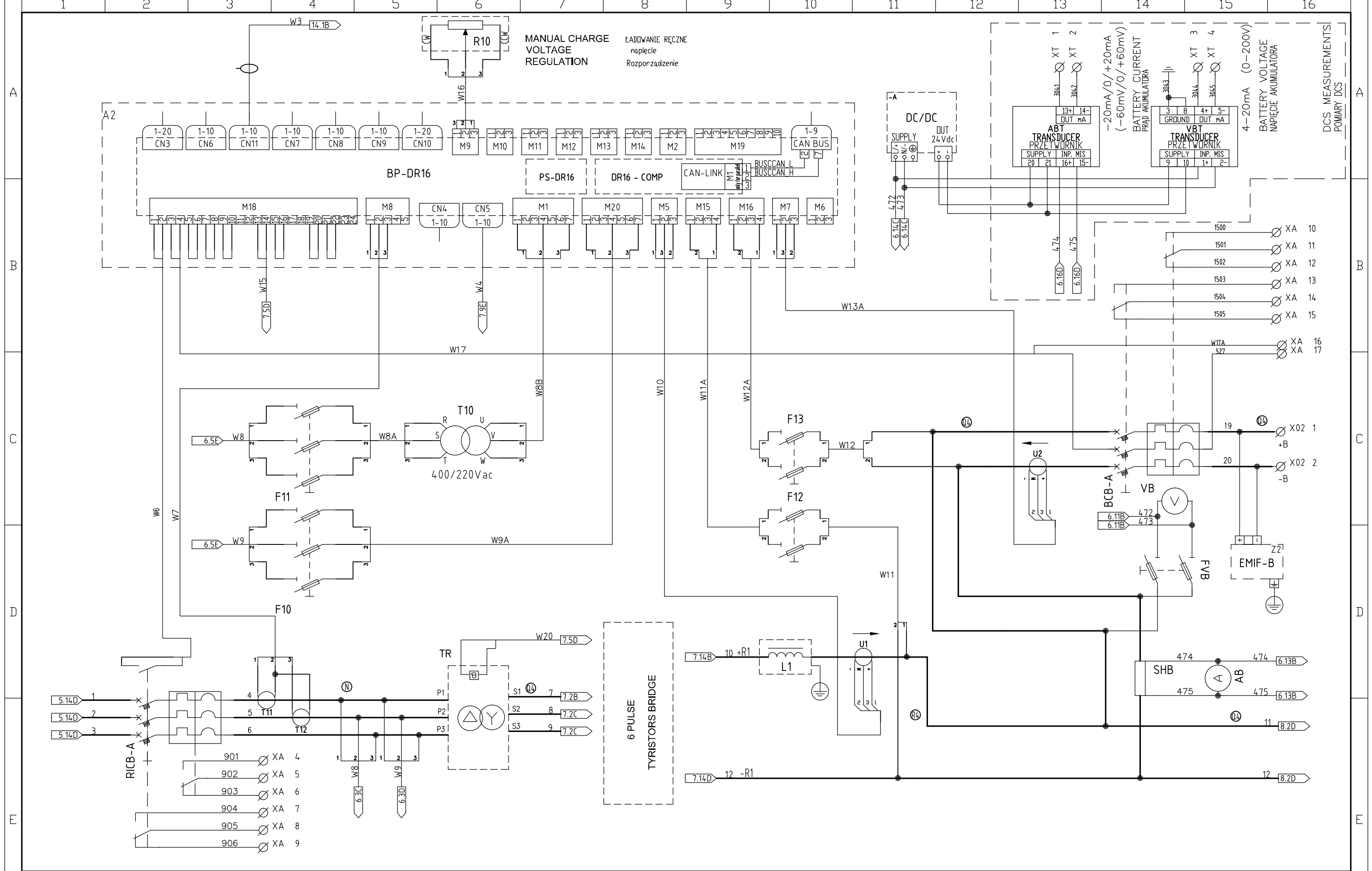
WEJŚCIE SYSTEMU
SYSTEM INPUT
400Vac +/-10% 3Ph 50Hz +/-5%
70kA

TO BYPASS
TRANSFORMER
DO BYPASS
TRANSFORMATOR

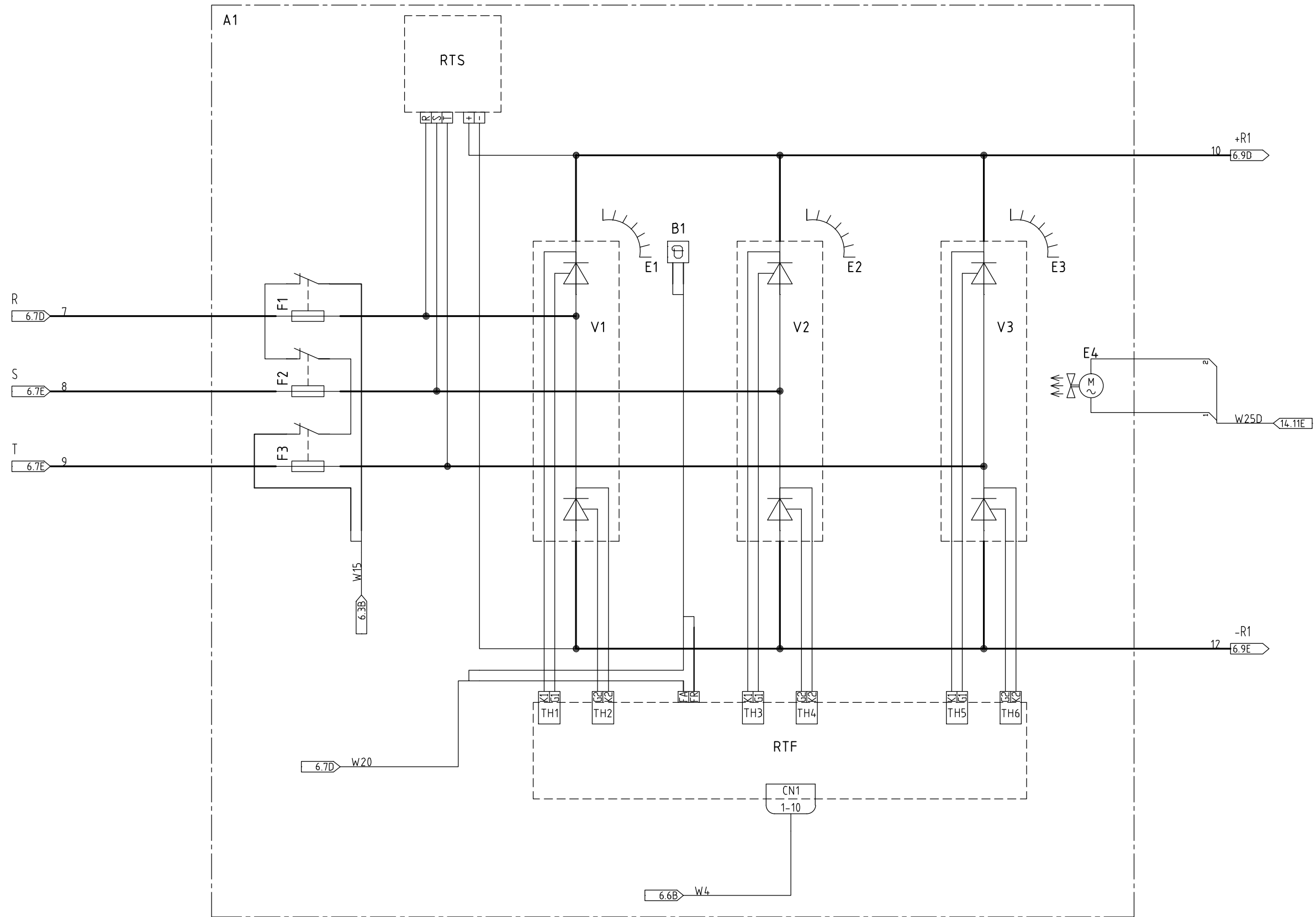
TO RECTIFIER
UPS 1
DO PROSTOWNIKA
UPS 1

TO RECTIFIER
UPS 2
DO PROSTOWNIKA
UPS 2

CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N DRAW. N 	SCALA : SCALE :	FG. SHEET 5	DI FG. DF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14			400Vac 3Ph/220Vdc/400Vac 3Ph SYSTEM INPUT POWER CIRCUIT NAPIĘCIE SYSTEMU OBWÓD MOCY		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 	01 FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	02	04/12/14 14/01/15 02/03/15	DIS. N DRAW. N 10168EKEY404	CAT. A			DISEGNATORE : DRAWN BY : MF	



CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca	EMESSE ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE	DIS. N. DRAW. N.	SCALA : SCALE :	FG. SHEET	DI FG. SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR			100/14 dtd 03/11/14	400Vac 3Ph/220Vdc/400Vac 3Ph RECTIFIER 1 POWER CIRCUIT PROSTOWNIK 1 / OBWÓD MOCY		JCB143229	Freschi	19-11-14	00	FIRST ISSUE	19-11-14	04/12/14	10168EKEY404	CAT. A	6	
ORDER N. ZAMÓWIENIE NR		100/14 dtd 03/11/14		DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 02/03/15	01 FOR CONSTRUCTION DO KONSTRUKCJI	02 AS BUILT POWYKONAWCZY	DIS. N. DRAW. N.	DIS. N. DRAW. N.	DIS. N. DRAW. N.	DIS. N. DRAW. N.	DIS. N. DRAW. N.	DIS. N. DRAW. N.



CLIENTE
 CUSTOMER
 KLIENT
 N. ORDINE
 ORDER N.
 ZAMÓWIENIE NR



100/14 dtd 03/11/14

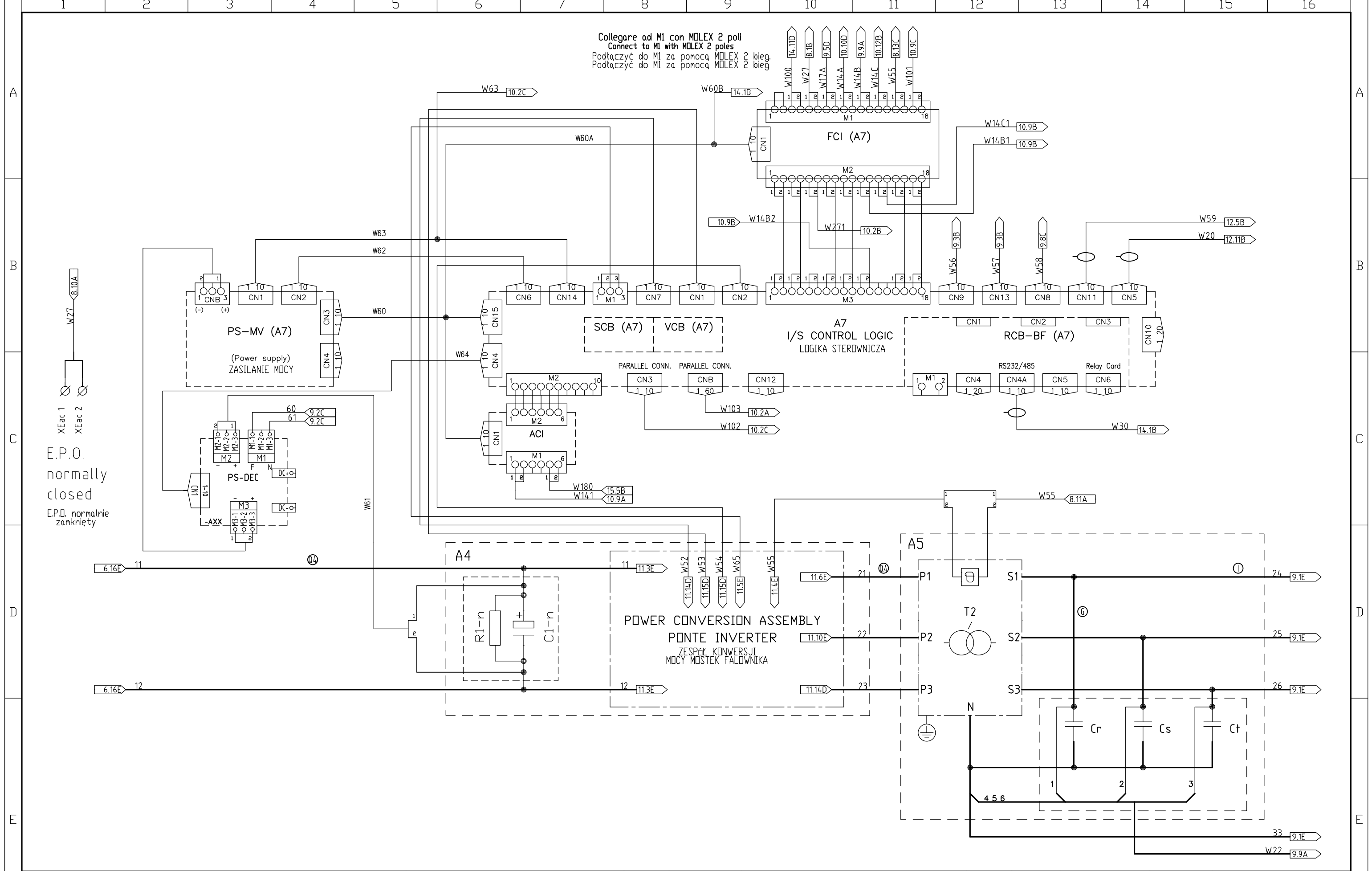
DESCRIZIONE - DESCRIPTION
 DUAL AC UPS E3001.e 100kVA
 400Vac 3Ph/220Vdc/400Vac 3Ph
 RECTIFIER 1 BRIDGE
 PRÓSTOWNIK 1 / MOSTEK

COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE
JCB143229	Freschi	19-11-14	00	FIRST ISSUE		19-11-14
			01	AS PER COMMENTS WZIĄWSZY POD UWAGĘ		04/12/14
			02	FOR CONSTRUCTION DO KONSTRUKCJI		14/01/15
				AS BUILT POWYKONAWCZY		02/03/15

DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. OF SH.
10168EKEY404	CAT. A	7	69

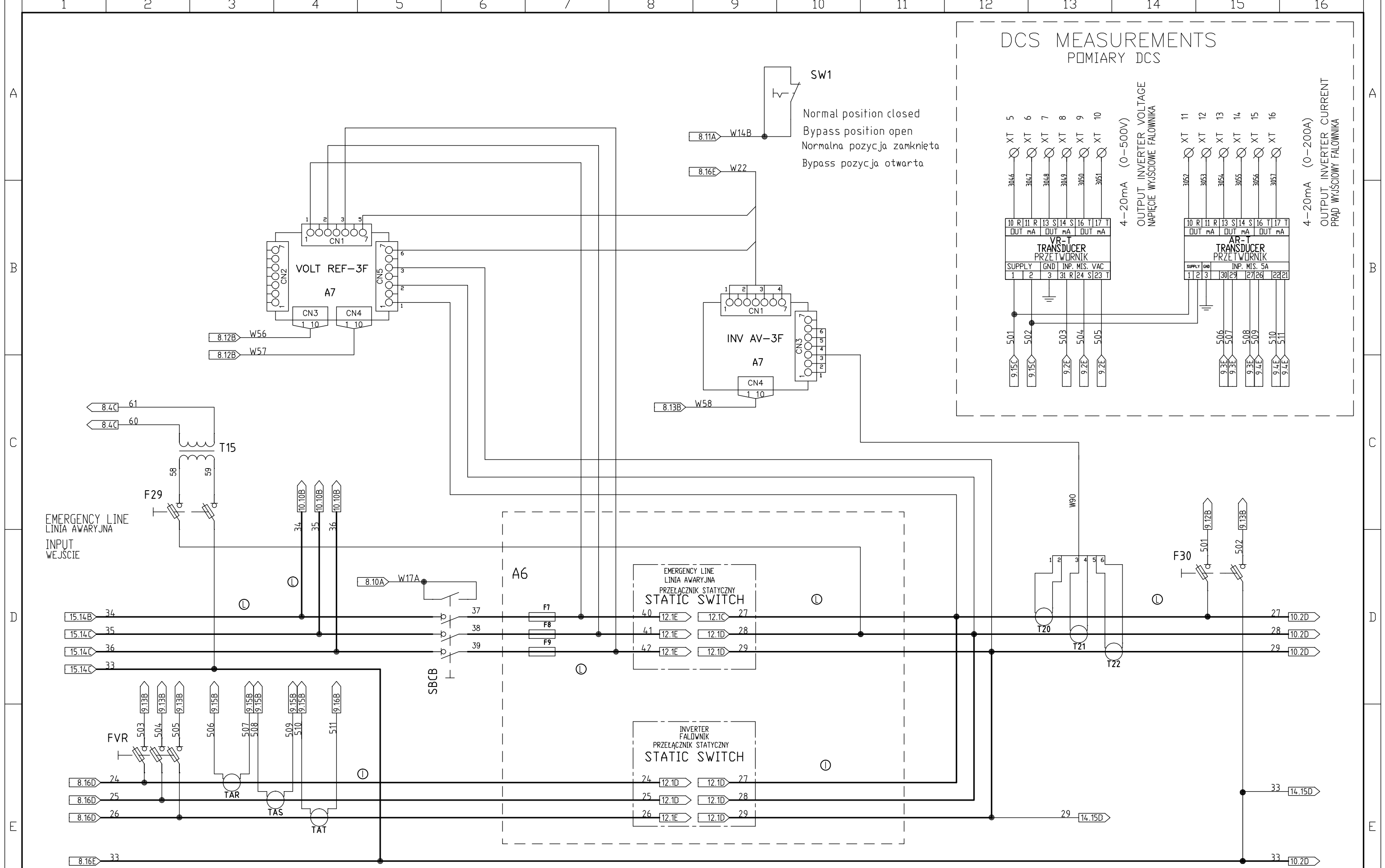
DISEGNATORE : MF
 DRAWN BY :





CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : 	FG. SHEET 8	DI FG. DF SH. 69	
		400Vac 3Ph/220Vdc/400Vac 3Ph INVERTER 1 POWER CIRCUIT WYJŚCIOWE 1 OBWÓD MOCY	MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 	01 02	AS PER COMMENTS WZIASZY POD UWAGE FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	04/12/14 14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF	CAT. A				

100/14 dtd 03/11/14



CLIENTE
 CUSTOMER
 KLIENT
N. ORDINE
 ORDER N.
 ZAMÓWIENIE NR



100/14 dtd 03/11/14

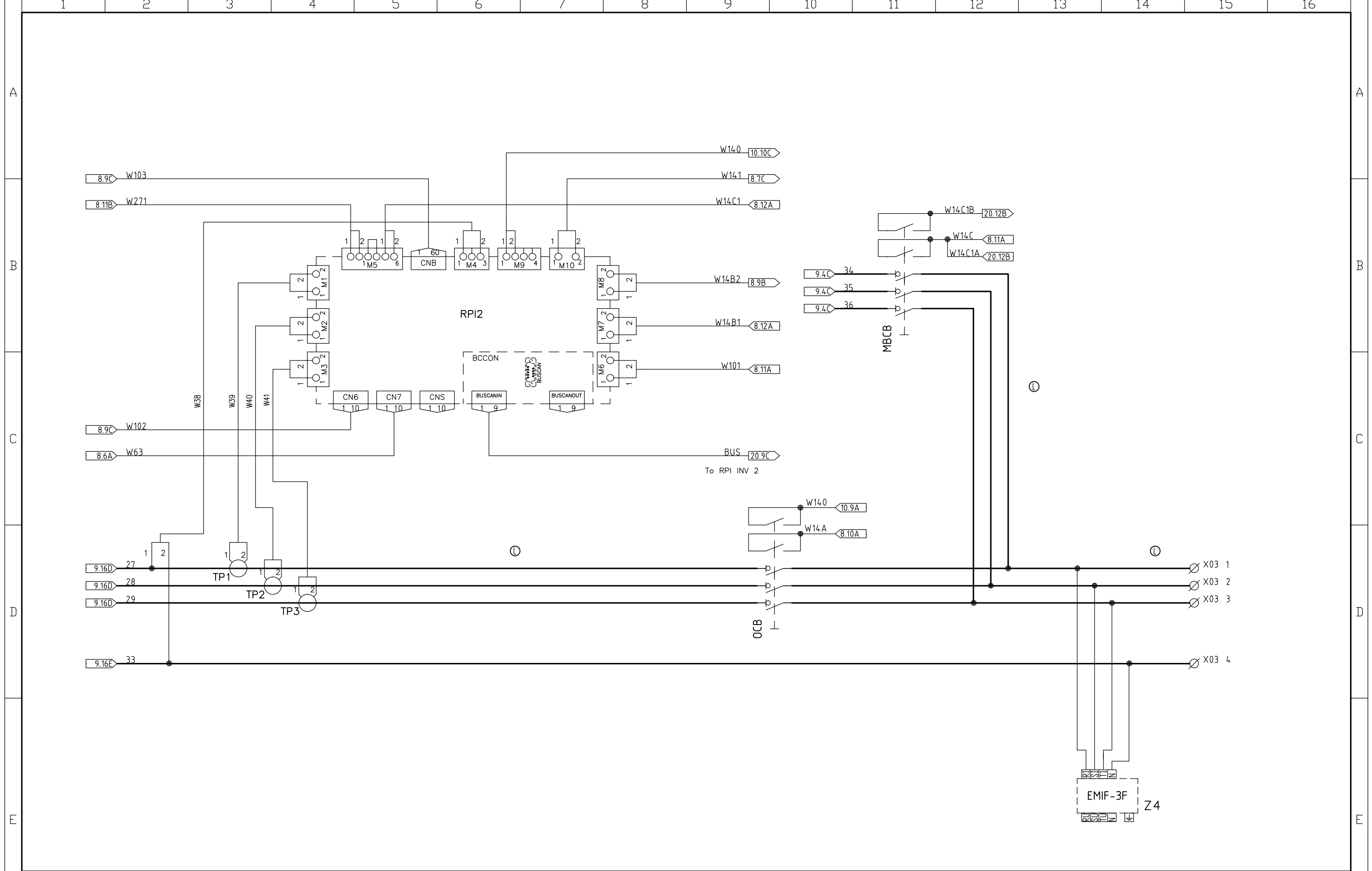
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 DUAL AC UPS E3001.e 100kVA
 400Vac 3Ph/220Vdc/400Vac 3Ph
 STATIC SWITCHES UPS 1 POWER CIRCUIT
 PRZELĄCZNIKI STATYCZNE UPS 1 OBWÓD MOCY



COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.
JCB143229	Freschi	19-11-14	00
MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	
L14-002	Conti		

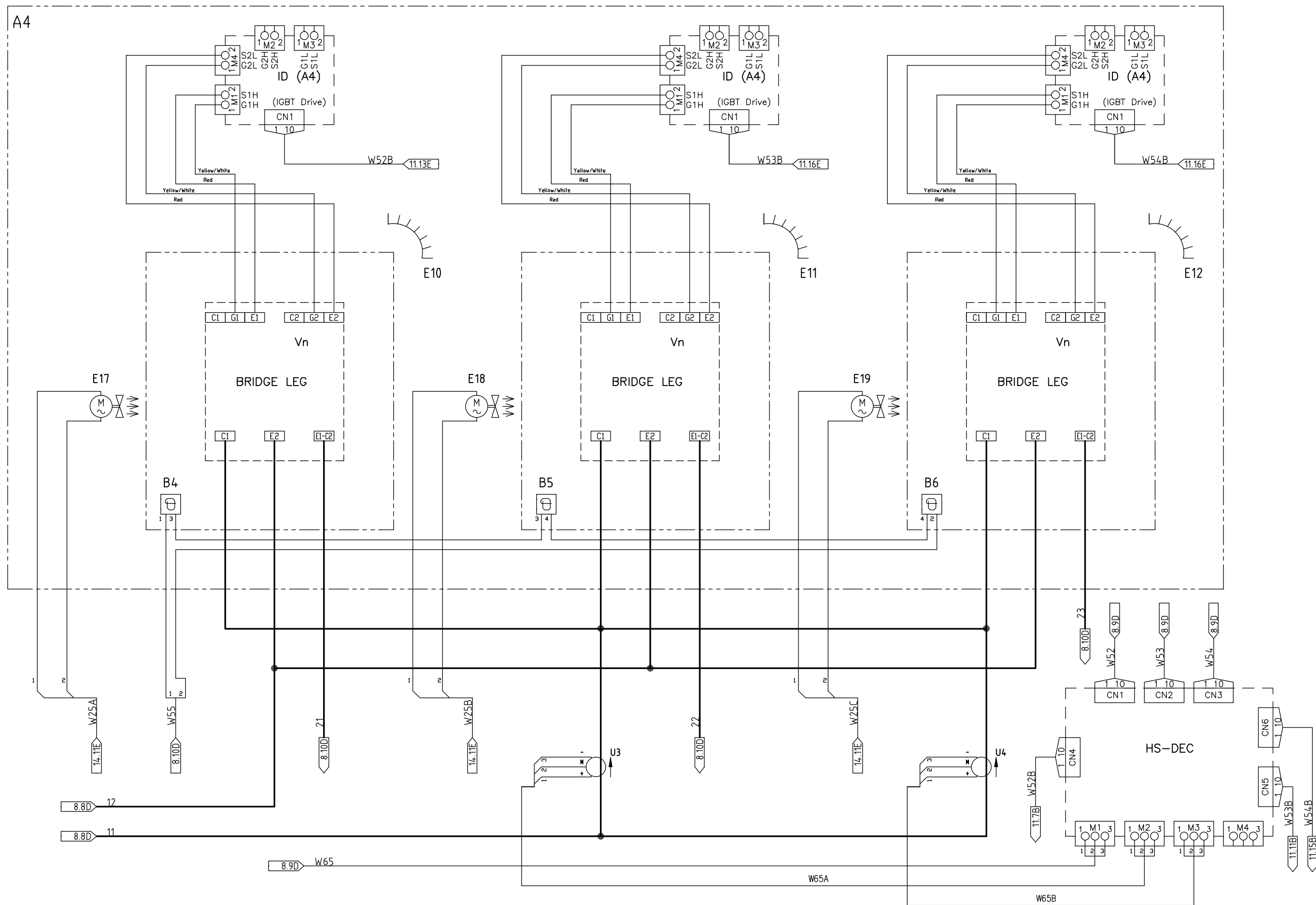
DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE
FIRST ISSUE		19-11-14
AS PER COMMENTS WZTAWSZY POD UWAGĘ		04/12/14
FOR CONSTRUCTION DO KONSTRUKCJI		14/01/15
AS BUILT PODWYKONAWCZY		02/03/15

DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. DF SH.
10168EKEY404	CAT. A	9	69
DISEGNATORE : MF		DRAWN BY :	





CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSO ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : /	FG. SHEET 10	DI FG. DF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14			400Vac 3Ph/220Vdc/400Vac 3Ph UPS 1 PARALLEL CARD UPS1 KARTA RÓWNOLEGŁA		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 02	AS PER COMMENTS WZIĄWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT PODWYKONAWCZY	/	04/12/14 14/01/15 02/03/15	/	CAT. A	DISEGNATORE : DRAWN BY : MF		



CLIENTE
 CUSTOMER
 KLIENT
 N. ORDINE
 ORDER N.
 ZAMÓWIENIE NR



100/14 dtd 03/11/14

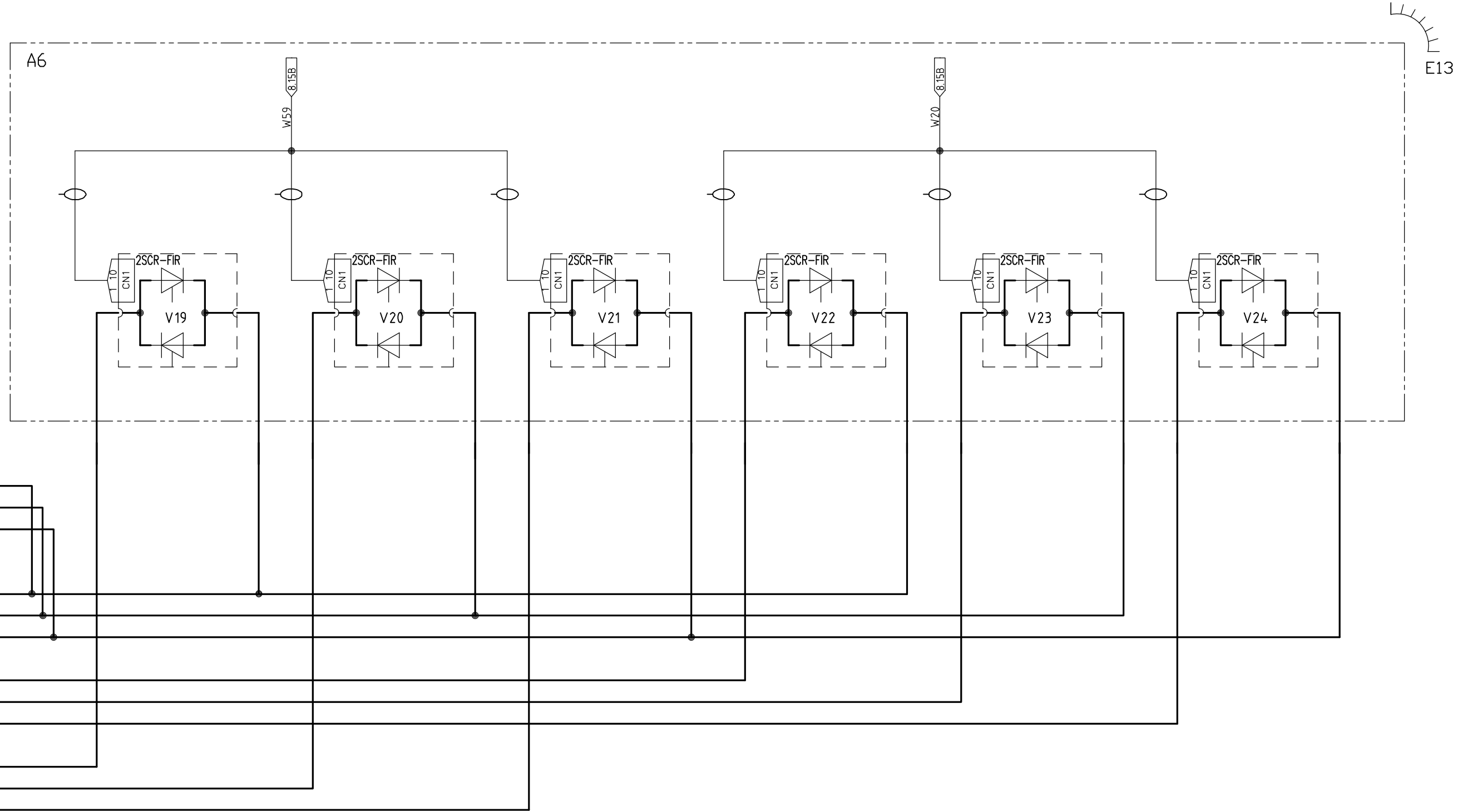
DESCRIZIONE -DESCRIPTION
 DUAL AC UPS E3001.e 100kVA
 400Vac 3Ph/220Vdc/400Vac 3Ph
 INVERTER 1 BRIDGE
 MOSTEK 1 FALOWNIKA

COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.
JCB143229	Freschi	19-11-14	00
MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	
L14-002	Conti		

DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE
FIRST ISSUE		19-11-14
AS PER COMMENTS WZIASZY POD UWAGE		04/12/14
FOR CONSTRUCTION DO KONSTRUKCJI		14/01/15
AS BUILT POWYKONAWCZY		02/03/15

DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. DF SH.
10168EKEY404	CAT. A	11	69
DISEGNATORE : DRAWN BY : MF			





CLIENTE
CUSTOMER
KLIENT

N. ORDINE
ORDER N.
ZAMÓWIENIE NR

100/14 dtd 03/11/14



DESCRIZIONE - DESCRIPTION
DUAL AC UPS E3001.e 100kVA

400Vac 3Ph/220Vdc/400Vac 3Ph

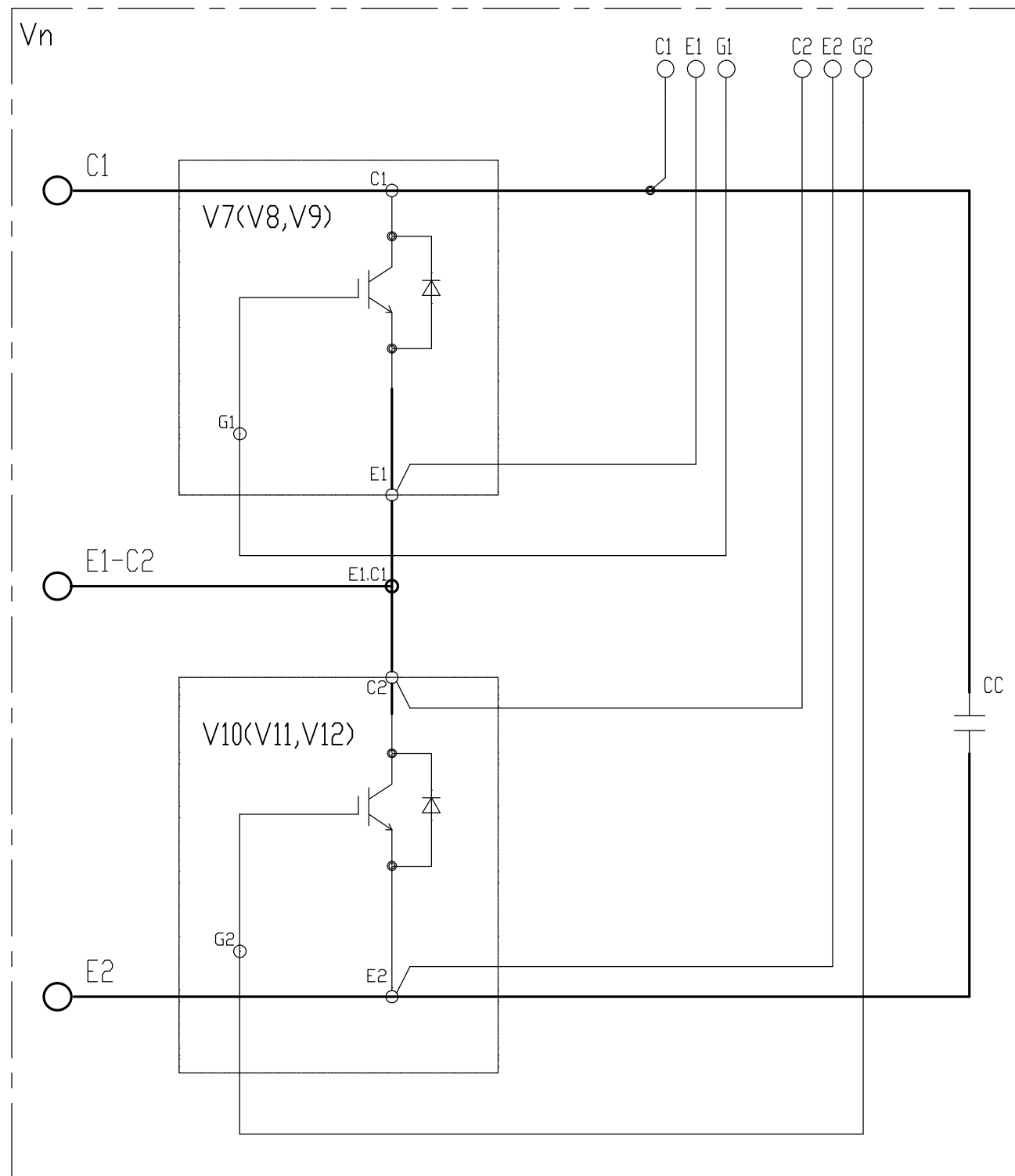
STATIC SWITCHES UPS 1 POWER MODULES
PRZEŁĄCZNIKI STATYCZNE UPS 1 MODUŁY MOCY

COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.
JCB143229	Freschi	19-11-14	00
MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	
L14-002	Conti		

DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE
FIRST ISSUE		19-11-14
00 AS PER COMMENTS WZIĄWSZY POD UWAGĘ		04/12/14
01 FOR CONSTRUCTION DO KONSTRUKCJI		14/01/15
02 AS BUILT POWYKONAWCZY		02/03/15

DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. OF SH.
10168EKEY404	CAT. A	12	69
DISEGNATORE : MF		DRAWN BY :	





CLIENTE
CUSTOMER
KLIENT

SORER

N. ORDINE
ORDER N.
ZAMÓWIENIE NR

100/14 dtd 03/11/14

DESCRIZIONE -DESCRIPTION
DUAL AC UPS E3001.e 100kVA

400Vac 3Ph/220Vdc/400Vac 3Ph

INVERTER 1 POWER MODULES

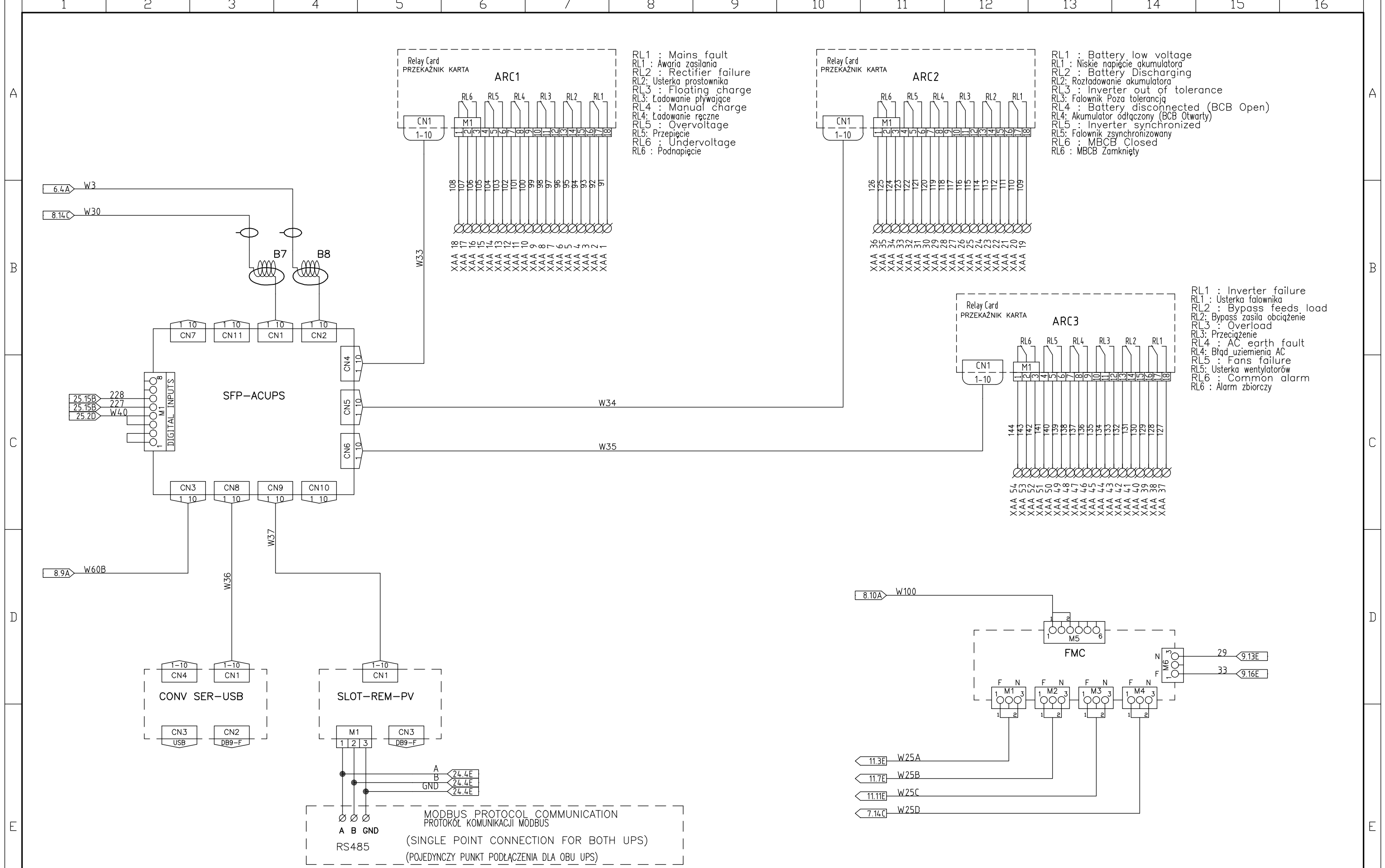
FALOWNIK 1 MODUŁY MOCY

COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.
JCB143229	Freschi	19-11-14	00
MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	
L14-002	Conti		

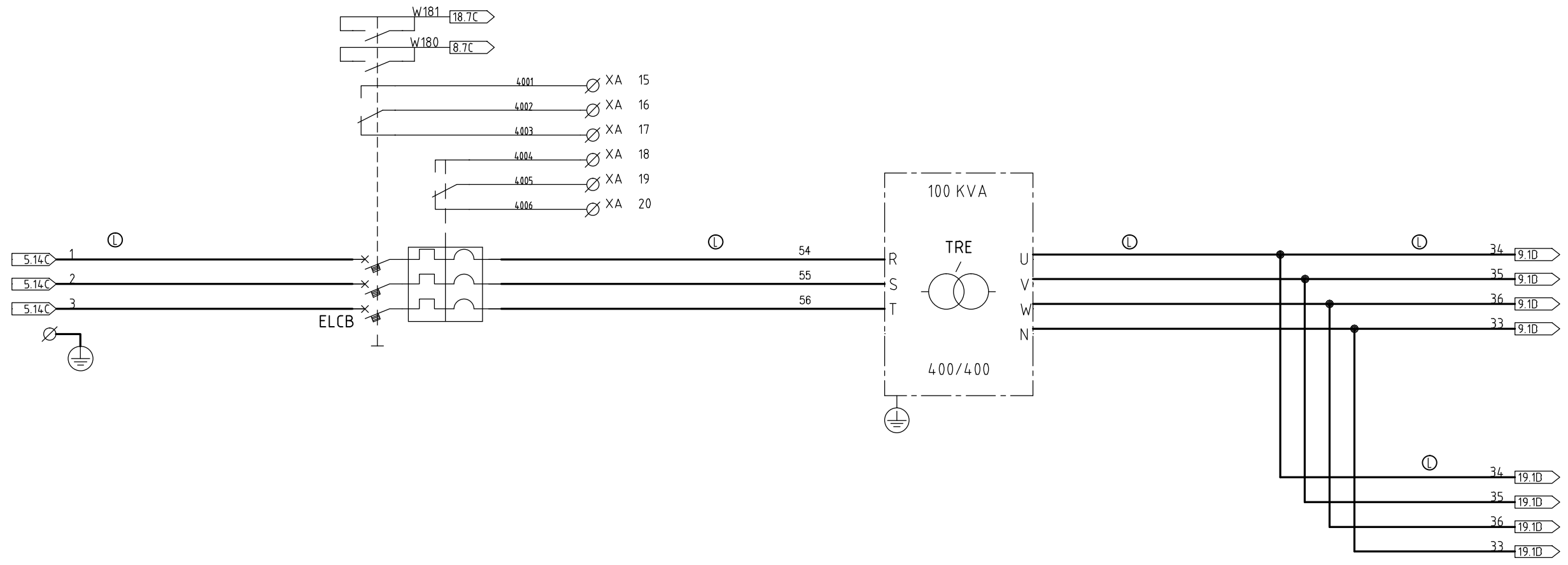
DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE
FIRST ISSUE		19-11-14
01 AS PER COMMENTS WZIĄWSZY POD UWAGĘ		04/12/14
02 FOR CONSTRUCTION DO KONSTRUKCJI		14/01/15
AS BUILT POWYKONAWCZY		02/03/15

DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. OF SH.
10168EKEY404	CAT. A	13	69
DISEGNATORE : MF		DRAWN BY :	

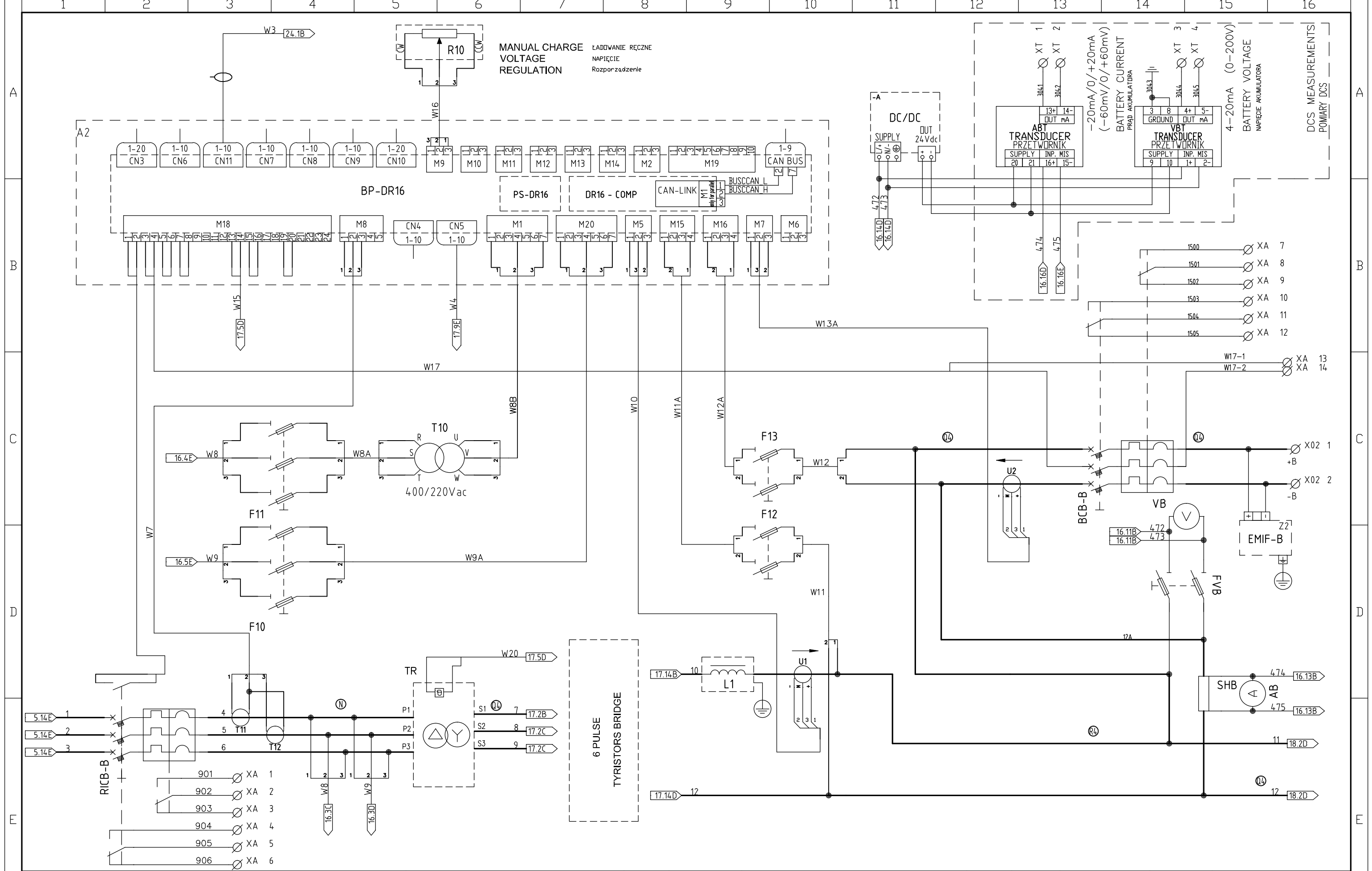




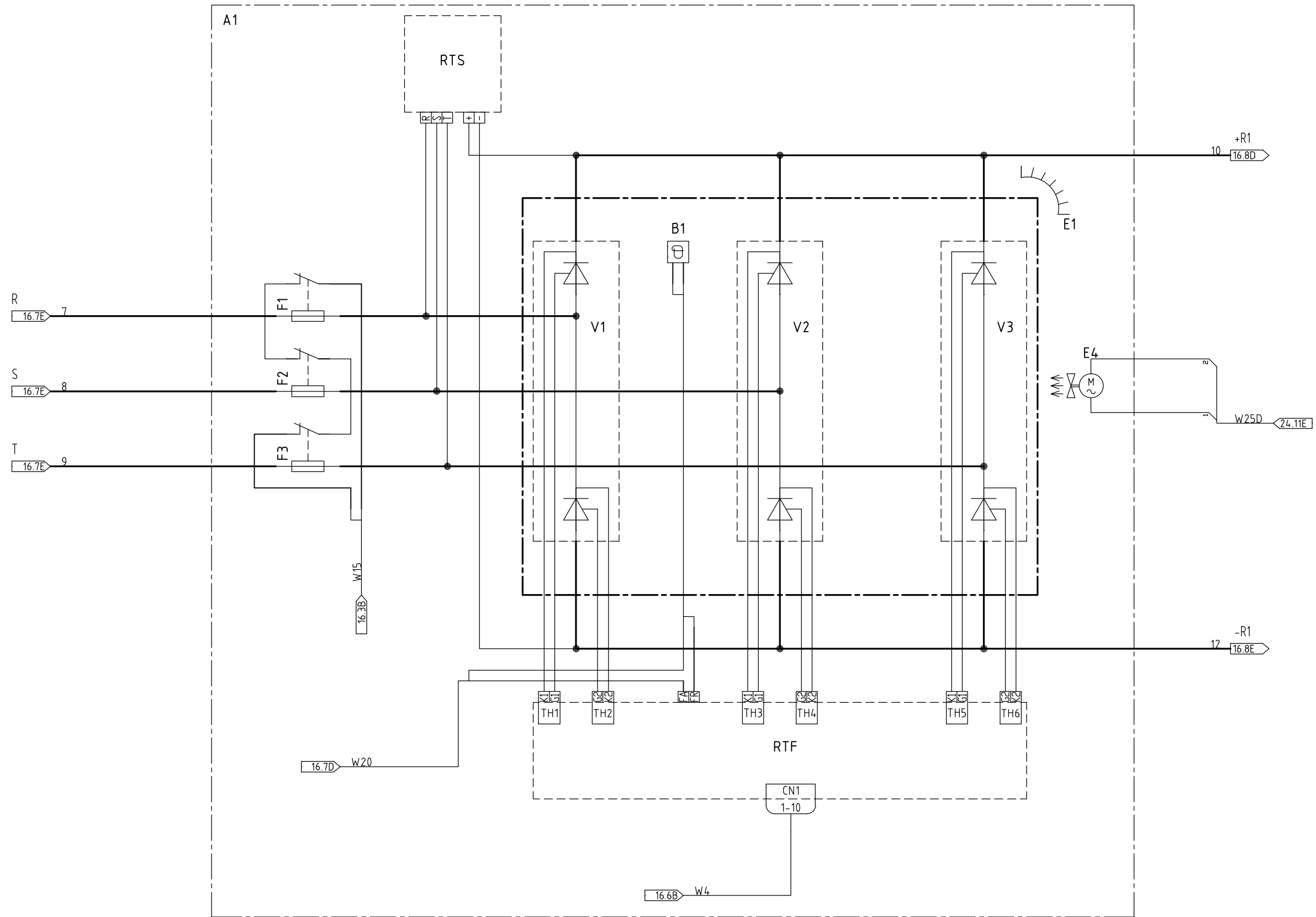
CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : 	FG. SHEET DI FG. DF SH. 14 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14			400Vac 3Ph/220Vdc/400Vac 3Ph UPS 1 AUXILIARY CIRCUITS UPS1 OBWODY POMOCNICZE		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15	01 02	FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	DISSEGNAZIONE : DRAWN BY : MF	CAT. A				



CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca	EMESSE ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE	DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. OF SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR			400Vac 3Ph/220Vdc/400Vac 3Ph BYPASS 1 TRANSFORMER BYPASS 1 TRANSFORMATORA	JCB143229	Freschi	19-11-14	00 01 02	AS PER COMMENTS WZIĄWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	19-11-14 04/12/14 14/01/15 02/03/15	10168EKEY404	CAT. A	15	69	DISEGNATORE : MF DRAWN BY :		



CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph RECTIFIER 2 POWER CIRCUIT PROSTOWNIK 2 OBWÓD MOCY		COMMESSA JOB Praca JCB143229	EMESD ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE AS PER COMMENTS WZIĄWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	CONTR. CHECKED 19-11-14	DATA DATE 04/12/14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : A	FG. SHEET DI FG. DF SH. 16 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14					MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15	01	02	DIS. N DRAW. N MF					



CLIENTE
 CUSTOMER
 KLIENT
 N. ORDINE
 ORDER N.
 ZAMÓWIENIE NR



100/14 dtd 03/11/14

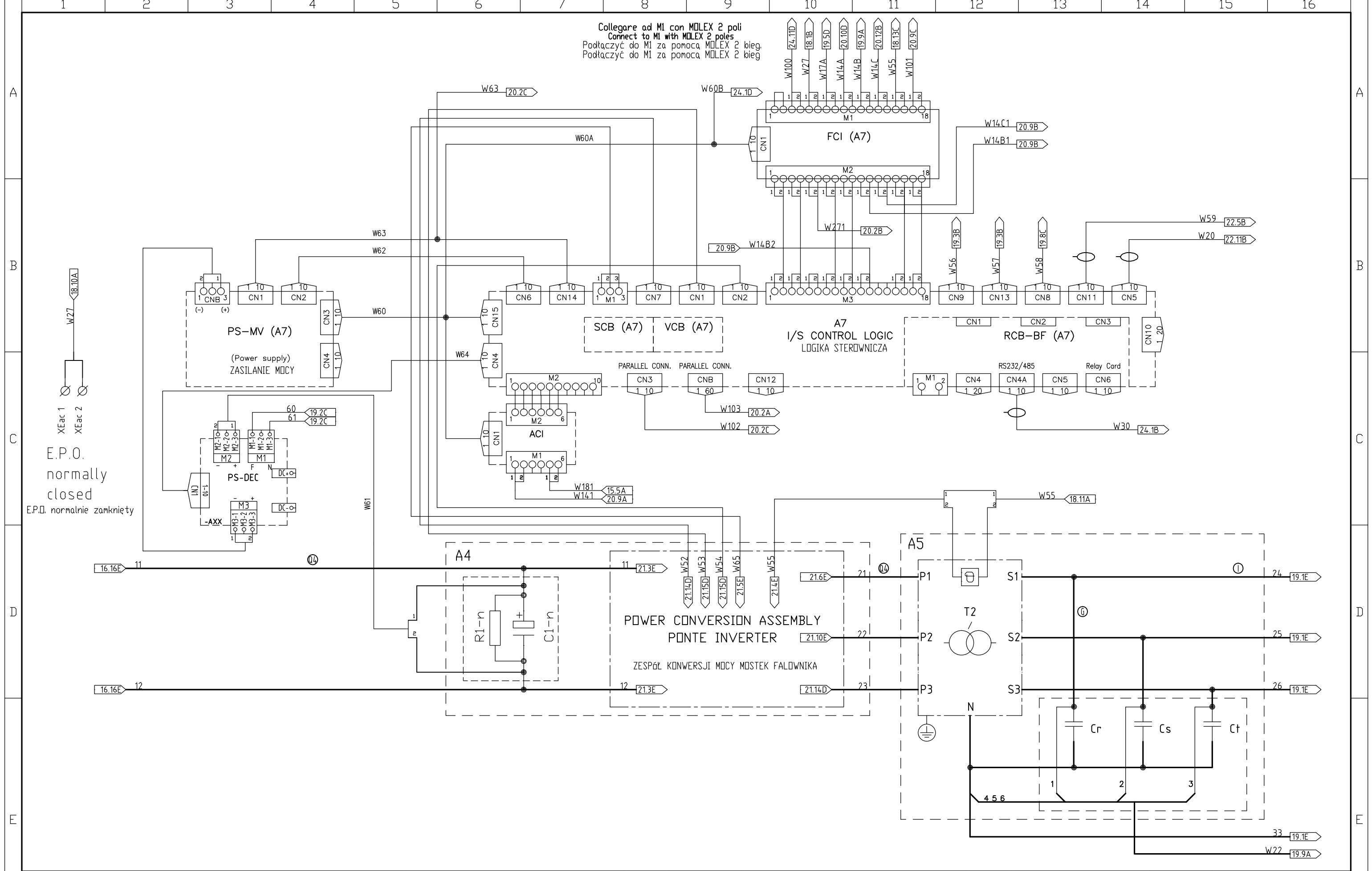
DESCRIZIONE - DESCRIPTION
 DUAL AC UPS E3001.e 100kVA
 400Vac 3Ph/220Vdc/400Vac 3Ph
 RECTIFIER 2 BRIDGE
 MOSTEK 2 PROSTOWNICZY

COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.
JCB143229	Freschi	19-11-14	00
MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	
L14-002	Conti		01
			02

DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE
FIRST ISSUE		19-11-14
AS PER COMMENTS WZIĄWSZY POD UWAGĘ		04/12/14
FOR CONSTRUCTION DO KONSTRUKCJI		14/01/15
AS BUILT POWYKONAWCZY		02/03/15

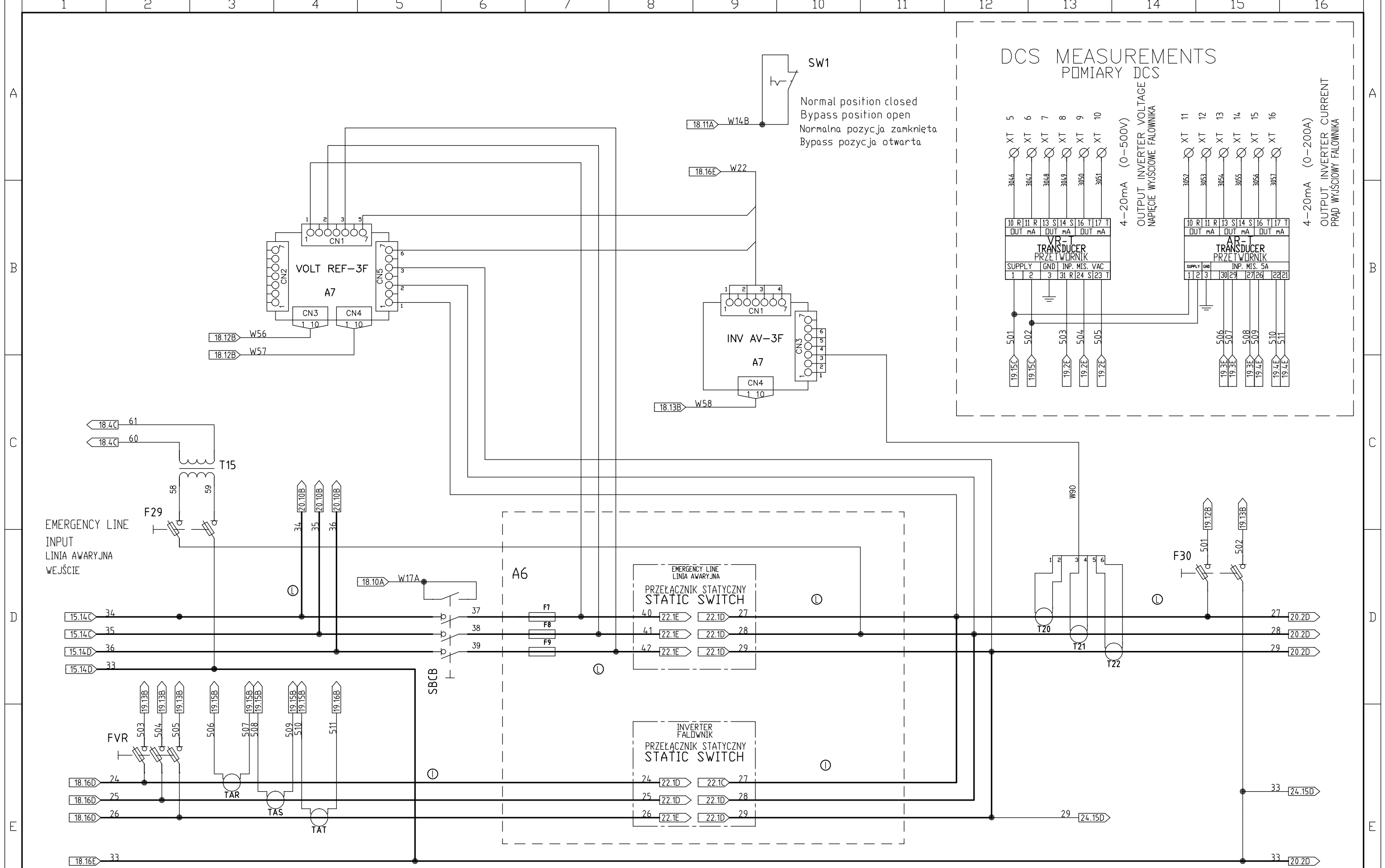
DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. DF SH.
10168EKEY404	CAT. A	17	69
DISEGNATORE : DRAWN BY : MF			





CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : 	FG. SHEET 18	DI FG. DF SH. 69	
		400Vac 3Ph/220Vdc/400Vac 3Ph INVERTER 2 POWER CIRCUIT WYJŚCIOWE 2 OBWÓD MOCY	MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 	01 AS PER COMMENTS WZIAWSZY POD UWAGĘ 02 FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	04/12/14 14/01/15 02/03/15	DRAWN BY : MF	CAT. A					

100/14 dtd 03/11/14



CLIENTE
CUSTOMER
KLIENT

N. ORDINE
ORDER N.
ZAMÓWIENIE NR

100/14 dtd 03/11/14



DESCRIZIONE -DESCRIPTION
DUAL AC UPS E3001.e 100kVA

400Vac 3Ph/220Vdc/400Vac 3Ph

STATIC SWITCHES UPS 2 POWER CIRCUIT
PRZEŁĄCZNIKI STATYCZNE UPS 2 DBWÓD MOCY

COMMESSA
JOB Praca

JCB143229

MATR.
PART NUMB.

L14-002

EMISSO
ISSUED

Freschi

DATA
DATE

19-11-14

REV.

00
01
02

DESCRIZIONE
DESCRIPTION OPIS

FIRST ISSUE

AS PER COMMENTS WZTAWSZY POD UWAGE

FOR CONSTRUCTION DO KONSTRUKCJI

AS BUILT PODWYKONAWCZY

CONTR.
CHECKED

DATA
DATE

19-11-14

04/12/14

14/01/15

02/03/15

DIS. N
DRAW. N

10168EKEY404

SCALA :
SCALE :

CAT.
A

FG.
SHEET

19

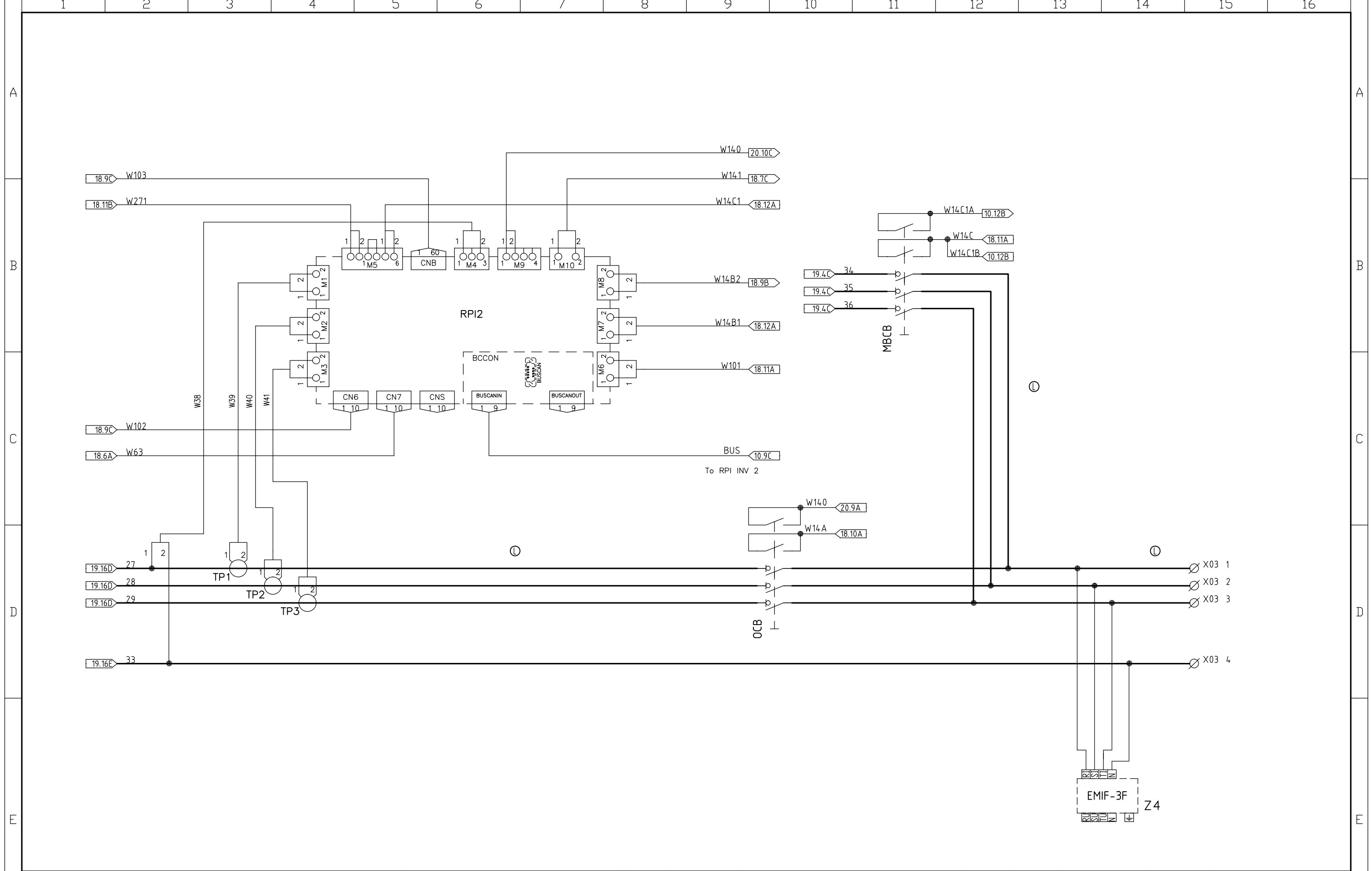
DI FG.
DF SH.




69

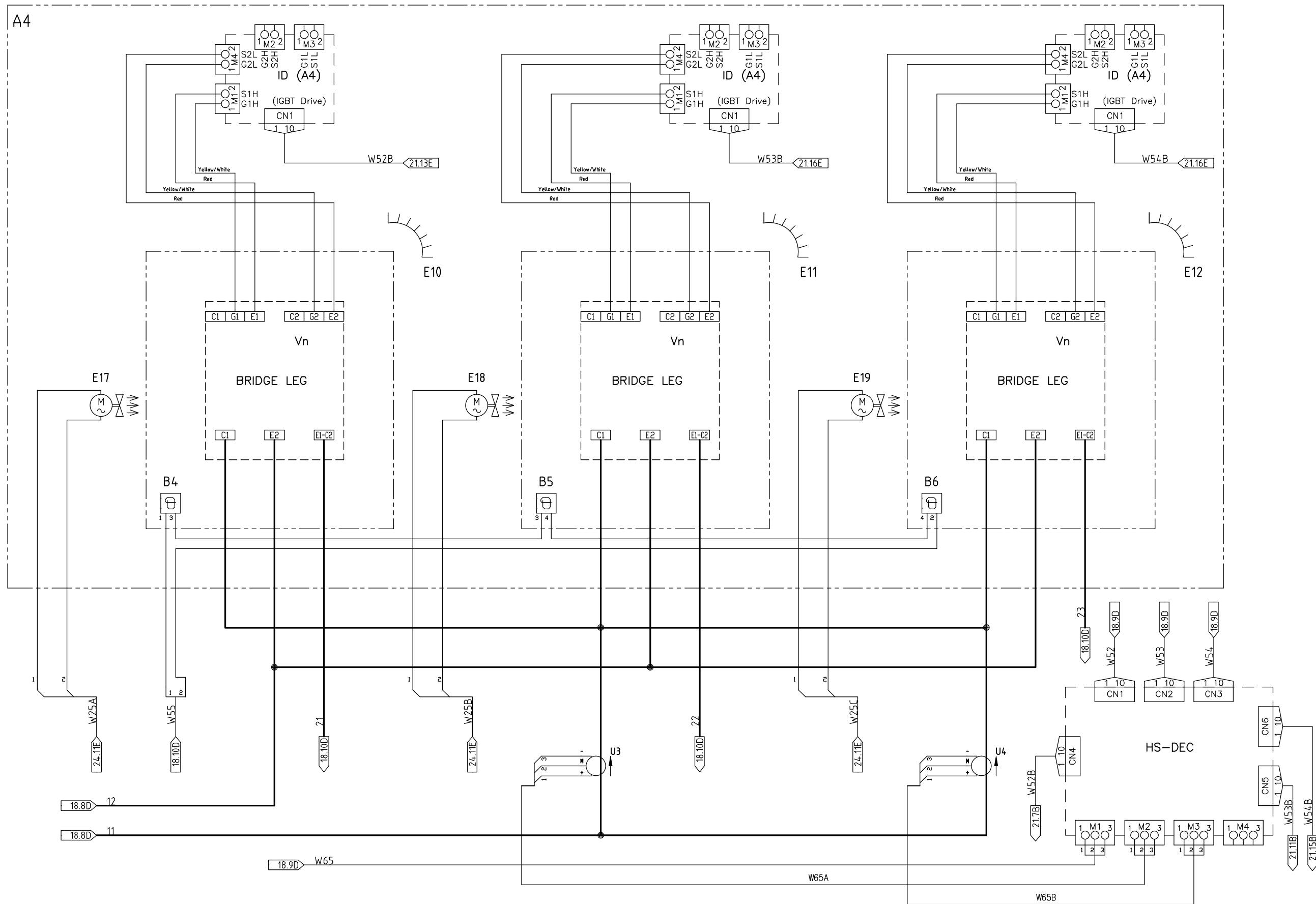


DISIGNATORE : MF

DRAWN BY :



CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca	EMESSE ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE	DIS. N. DRAW. N.	 SCALA : SCALE :	FG. SHEET	DI FG. OF SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR			400Vac 3Ph/220Vdc/400Vac 3Ph UPS 2 PARALLEL CARD UPS2 KARTA RÓWNOLEGŁA		JCB143229	Freschi	19-11-14	00	FIRST ISSUE	19-11-14	10168EKEY404	CAT. A	20	69		
100/14 dtd 03/11/14				MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	01	FOR CONSTRUCTION DO KONSTRUKCJI	14/01/15	DISEGNATORE : DRAWN BY : MF						
				L14-002	Conti		02	AS BUILT PODYKONAWCZY	02/03/15							



CLIENTE
 CUSTOMER
 KLIENT
 N. ORDINE
 ORDER N.
 ZAMÓWIENIE NR



100/14 dtd 03/11/14

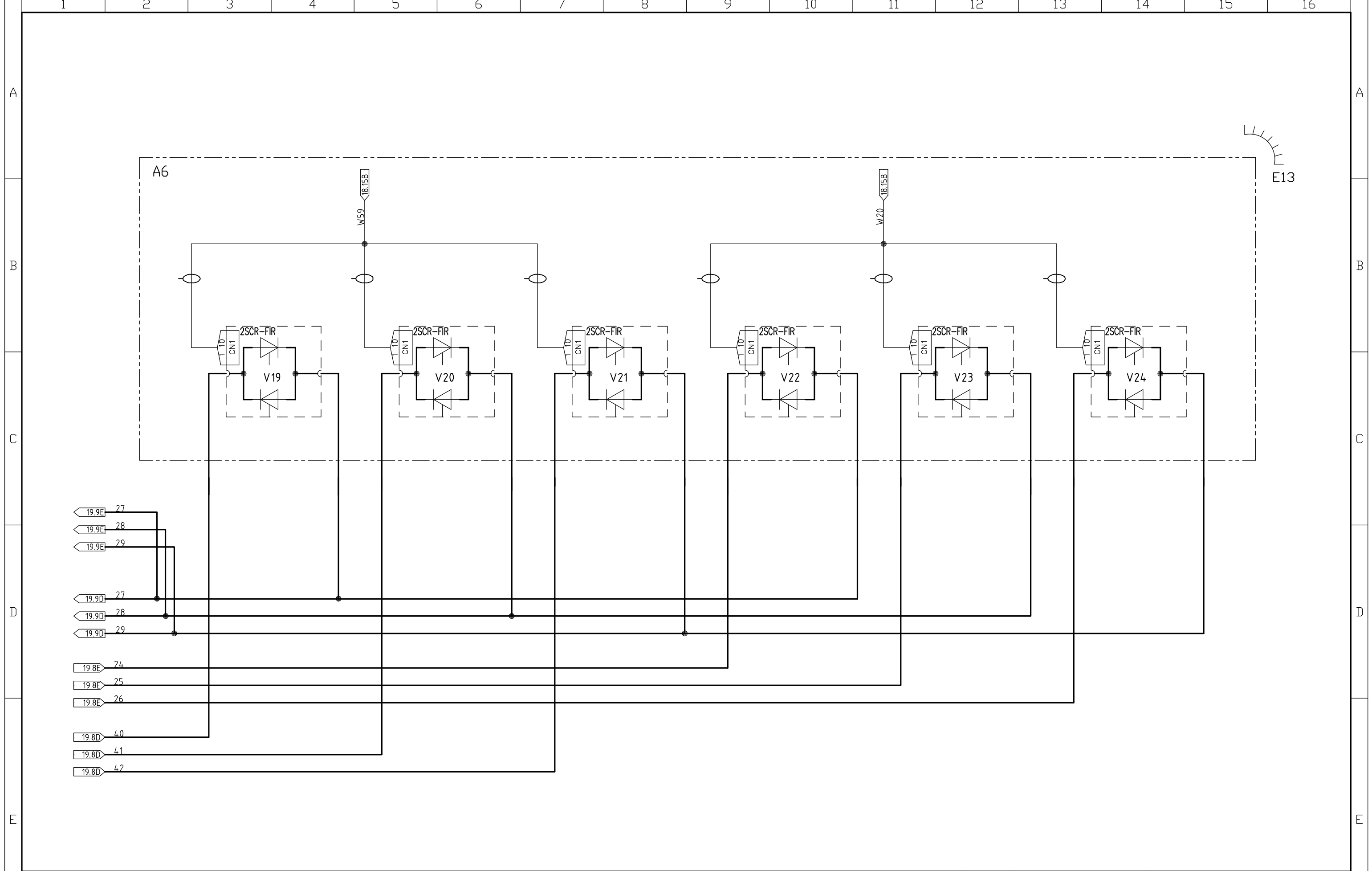
DESCRIZIONE - DESCRIPTION
 DUAL AC UPS E3001.e 100kVA
 400Vac 3Ph/220Vdc/400Vac 3Ph
 INVERTER 2 BRIDGE
 MOSTEK 2 FALOWNIKA

COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.
JCB143229	Freschi	19-11-14	00
MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	
L14-002	Conti		

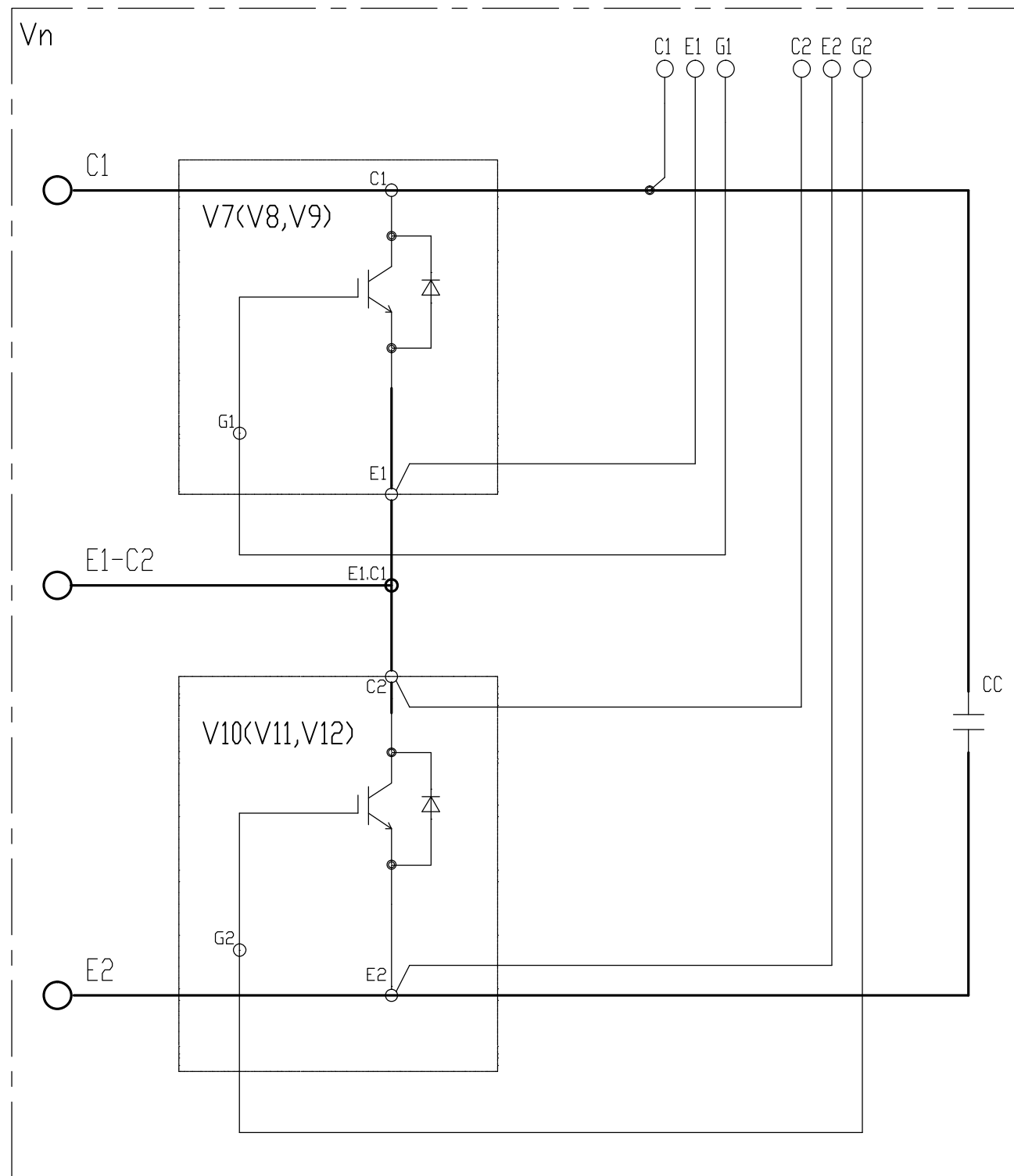
DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE
FIRST ISSUE		19-11-14
AS PER COMMENTS WZIASZY POD UWAGE		04/12/14
FOR CONSTRUCTION DO KONSTRUKCJI		14/01/15
AS BUILT POWYKONAWCZY		02/03/15

DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. SH.
10168EKEY404	CAT. A	21	69
DISEGNATORE : MF		DRAWN BY :	





CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE	DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. OF SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR			400Vac 3Ph/220Vdc/400Vac 3Ph STATIC SWITCHES UPS 2 POWER MODULES PRZEŁĄCZNIKI STATYCZNE UPS 2 MODUŁY MOCY		JCB143229	Freschi	19-11-14	00	FIRST ISSUE	19-11-14	04/12/14	10168EKEY404	CAT. A	22	69	
100/14 dtd 03/11/14				MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	01	AS PER COMMENTS WZIĄWSZY POD UWAGĘ	14/01/15	DIS. N DRAW. N		MF				
				L14-002	Conti		02	FOR CONSTRUCTION DO KONSTRUKCJI	02/03/15	DIS. N DRAW. N		MF				



CLIENTE CUSTOMER KLIENT	
N. ORDINE ORDER N. ZAMÓWIENIE NR	
100/14 dtd 03/11/14	

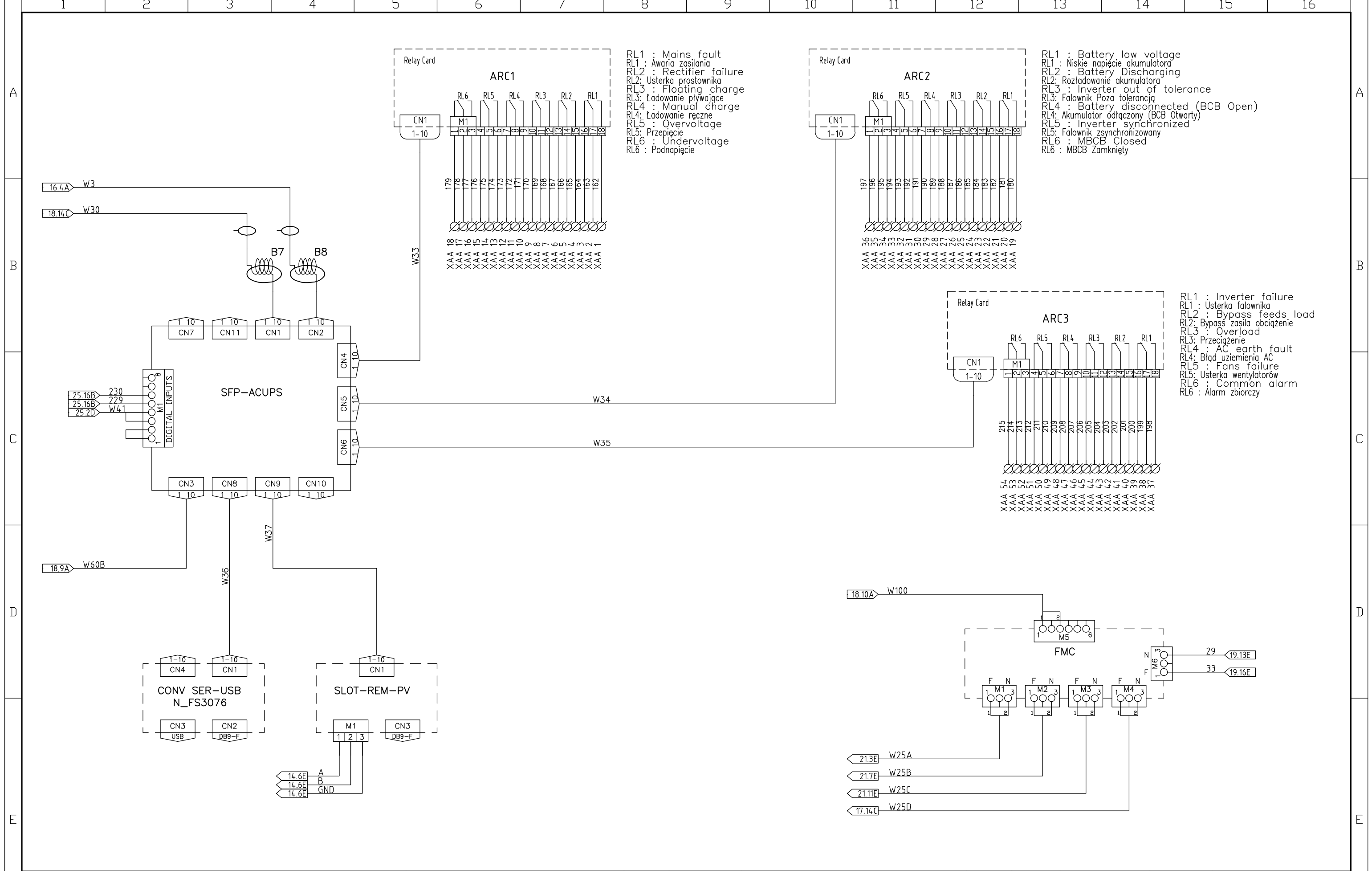
DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA
400Vac 3Ph/220Vdc/400Vac 3Ph
INVERTER 2 POWER MODULES
FALOWNIK 2 MODUŁY MOCY

COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.
JCB143229	Freschi	19-11-14	00
MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	
L14-002	Conti		

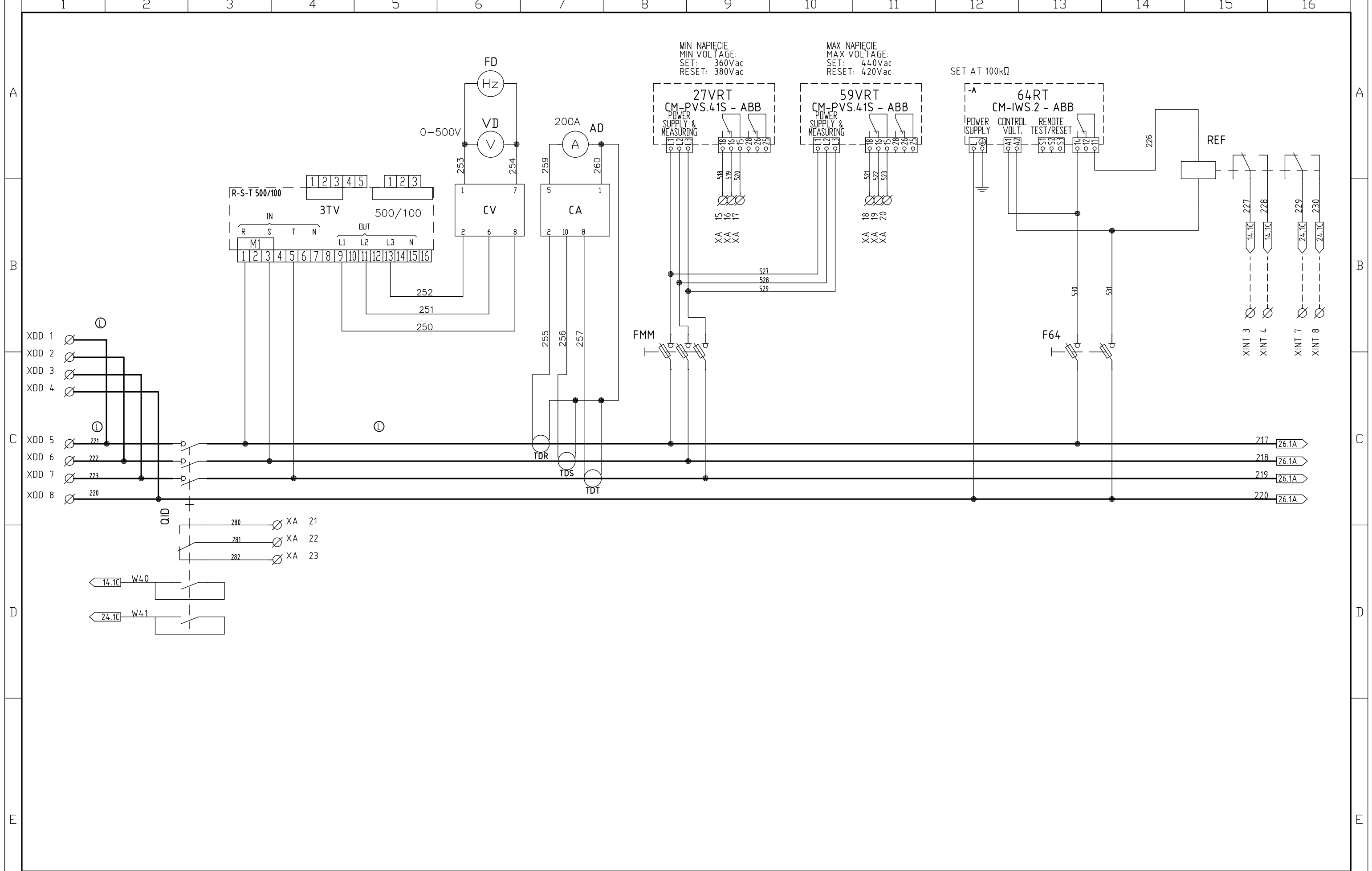
DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE
FIRST ISSUE		19-11-14
00 AS PER COMMENTS WZIĄWSZY POD UWAGĘ		04/12/14
01 FOR CONSTRUCTION DO KONSTRUKCJI		14/01/15
02 AS BUILT PODWYKONAWCZY		02/03/15

DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. OF SH.
10168EKEY404	CAT. A	23	69
DISEGNATORE : DRAWN BY :		MF	

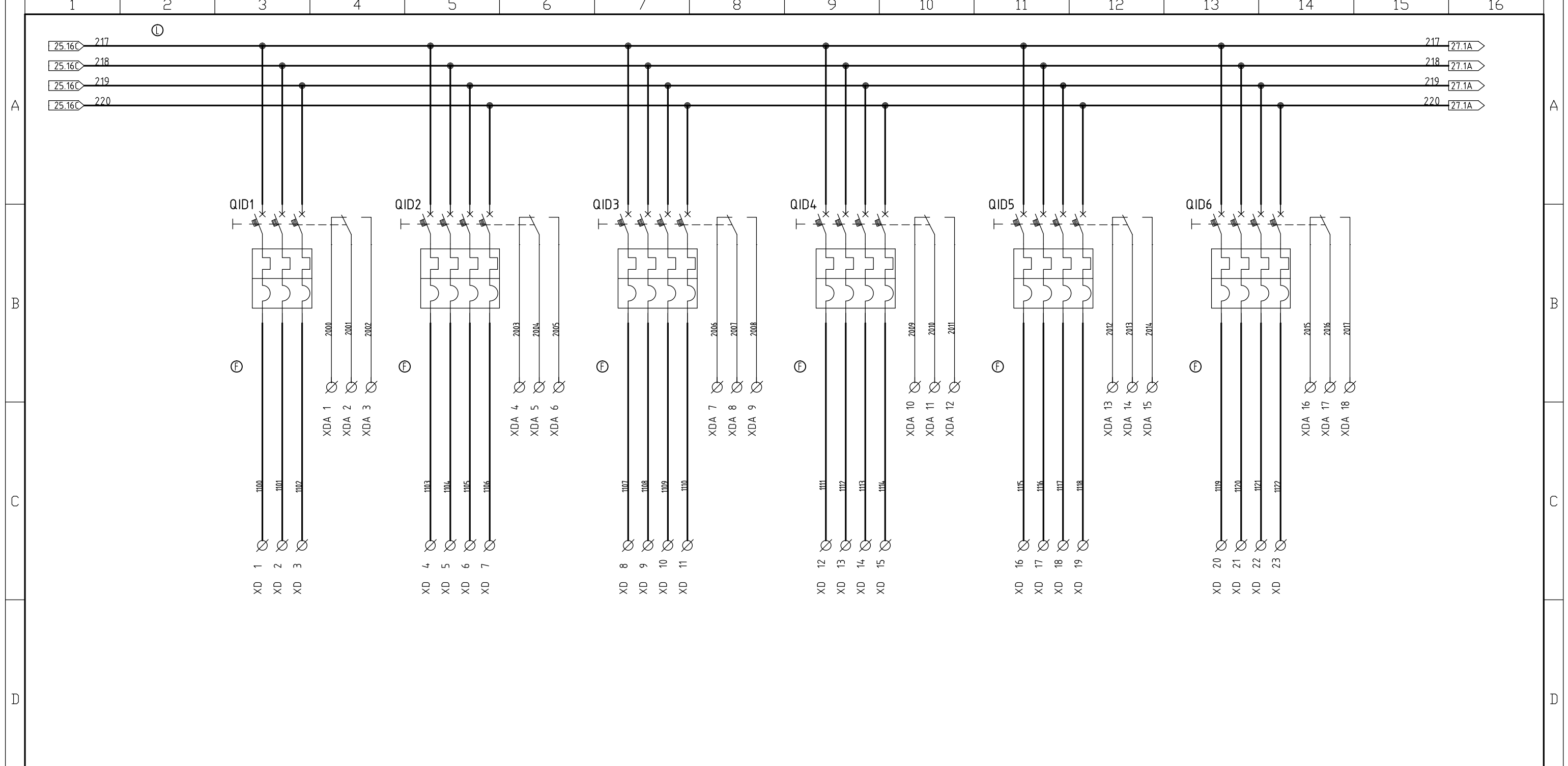




CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : 	FG. SHEET 24	DI FG. DF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14			400Vac 3Ph/220Vdc/400Vac 3Ph UPS 2 AUXILIARY CIRCUITS UPS2 OBWODY POMOCNICZE		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15	01 02	AS PER COMMENTS WZIASZY POD UWAGE FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	DIS. N DRAW. N 10168EKEY404	CAT. A	DISEGNATORE : DRAWN BY : MF				

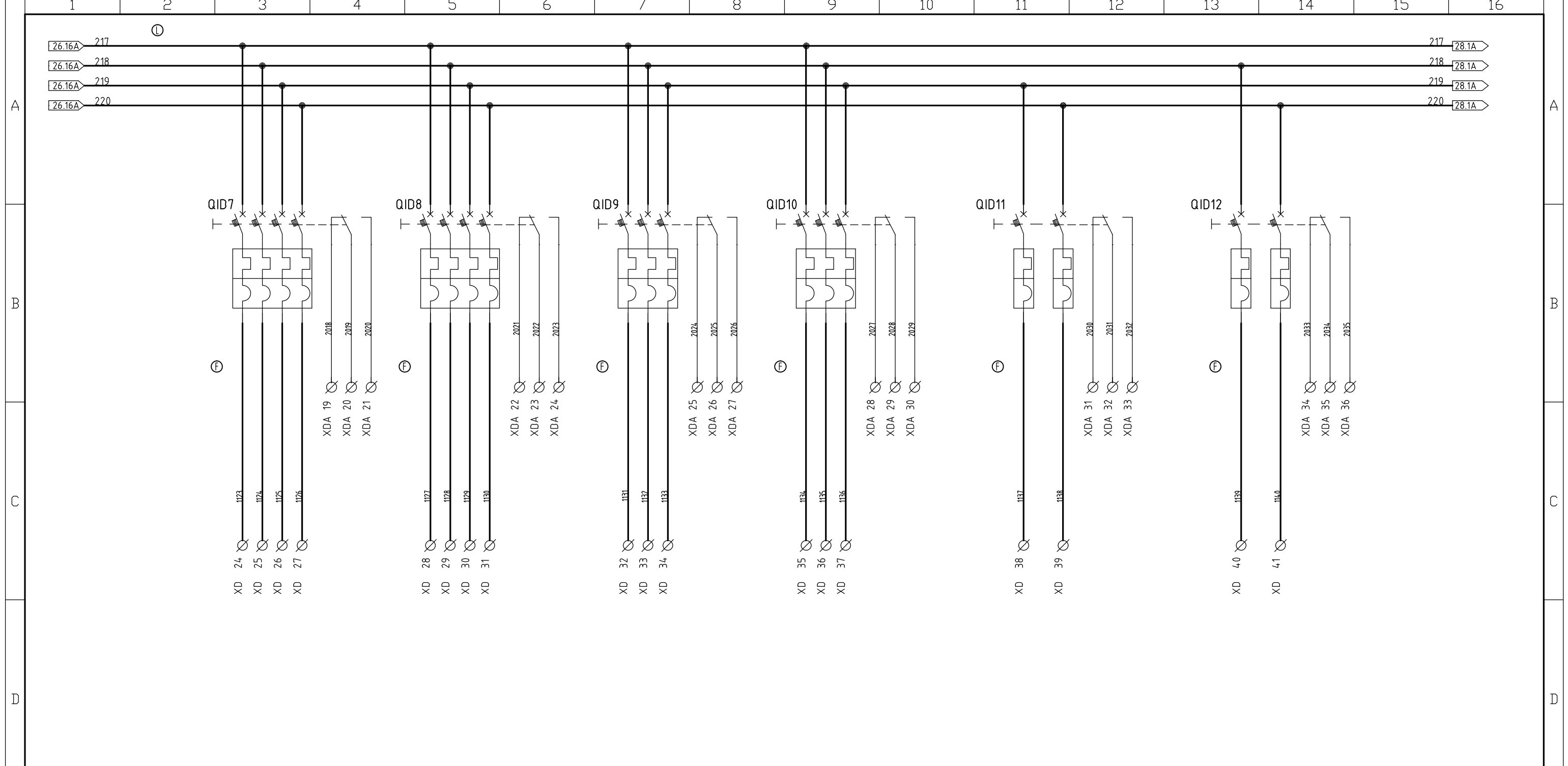


CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : A	FG. SHEET 25	DI FG. OF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14			400Vac 3Ph/220Vdc/400Vac 3Ph 230V AC DISTRIBUTION 230V AC DYSTRYBUCJA		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15 02/03/15	01 02	AS PER COMMENTS WZIĄWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	DIS. N DRAW. N 10168EKEY404	CAT. A	DESEGNATORE : DRAWN BY : MF				



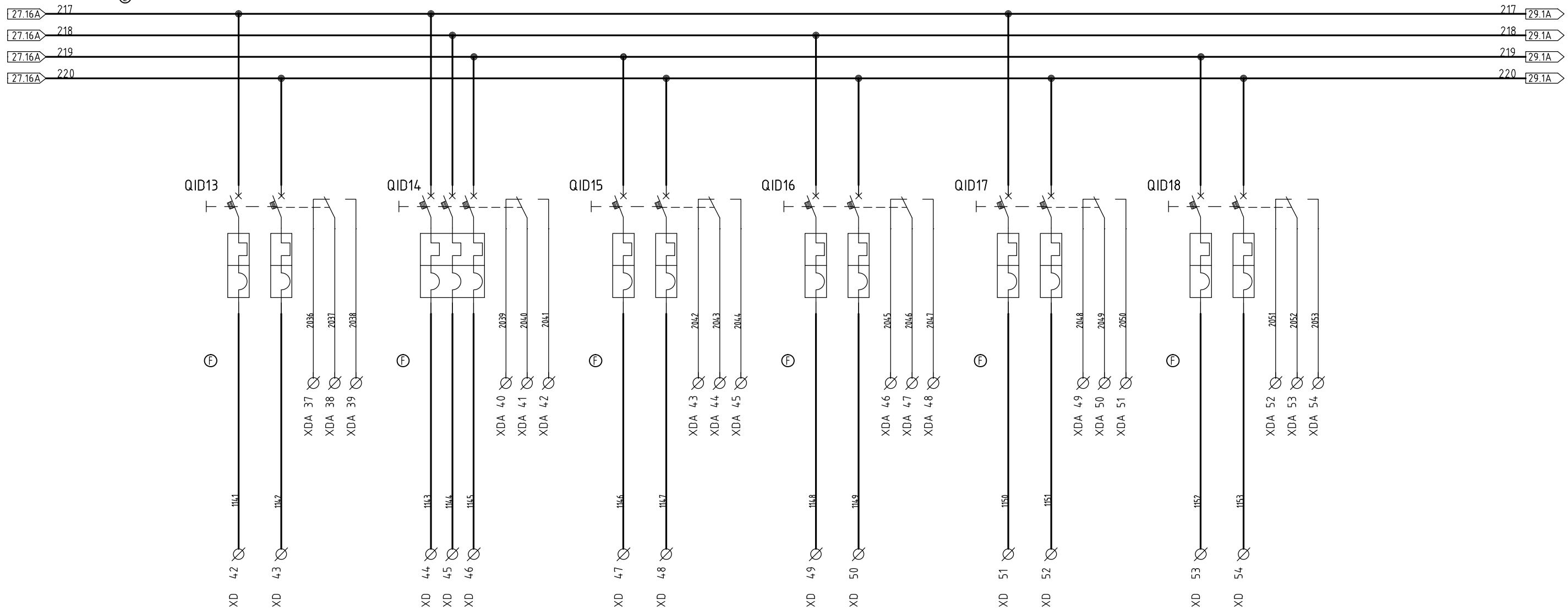
ITEM ELEMENT	LO-H13-CU100X Automation panel Rozdzielnica automatyki	LO-R72-SD070X Control room power supply switchboard Rozdzielnica dystryb. zasilania sala kontrol	LO-R24-LP039X SME power supply switchboard Rozdzielnica dystryb. zasilania SME	LO-R72-SD061-01 SPARE ZAPASOWE	LO-R72-SD061-02 SPARE ZAPASOWE	LO-R72-SD061-03 SPARE ZAPASOWE
C.B. TYPE C.B. TYP	S203C32	S204C10	S204C50	S204C6	S204C6	S204C6
RATED POWER (W) MOC ZNAMIONOWA (W)	14400	3000	25000	1500	2000	2000
NOMINAL CURRENT (A) PRĄD NOMINALNY (A)	32	10	50	6	6	6

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA			COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : 	FG. SHEET 26	DI FG. OF SH. 69	
		100/14 dtd 03/11/14	400Vac 3Ph/220Vdc/400Vac 3Ph 230V AC DISTRIBUTION 230V AC DYSTRYBUCJA	MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 	01 FOR CONSTRUCTION DO KONSTRUKCJI 02 AS BUILT POWYKONAWCZY	04/12/14 14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF	CAT. A						



ITEM ELEMENT	L0-R72-SD061-05 SPARE ZAPASOWE	L0-H13-CU109X SPARE ZAPASOWE	L1-S05-MOV410 Press. flash tank motorized valve L1 Zawór z silnikiem usuwanie przerywane L1	L2-S05-MOV410 Press. flash tank motorized valve L2 Zawór z silnikiem usuwanie przerywane L3	L0-R72-SD062X Stack obstacle light panel Rozdzielnica światła ostrzegawczego komina	L0-R24-GE010X Auxiliary generator set Zespół prądotwórczy
C.B. TYPE C.B. TYP	S204C6	S204C4	S203C4	S203C4	S202C4	S202C6
RATED POWER (W) MOC ZNAMIONOWA (W)	3000	1000	500	500	500	1000
NOMINAL CURRENT (A) PRĄD NOMINALNY (A)	6	4	4	4	4	6

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA			COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 19-11-14	DATA DATE 04/12/14	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 27	DI FG. OF SH. 69	
		400Vac 3Ph/220Vdc/400Vac 3Ph 230V AC DISTRIBUTION 230V AC DYSTRYBUCJA			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 02/03/15	REV. 01 02	DESCRIZIONE DESCRIPTION OPIS AS PER COMMENTS WZIĄWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	DATA DATE 02/03/15	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	



ITEM ELEMENT	L0-H13-CU200X Turbine control panel Rozdzielnica kontroli turbiny	L1-H13-CU102X Hydraulic cabinet L1 Rozdzielnica agregat hydrauliczny L1	L1-H13-CU101X ACC control panel ACC L1 Rozdzielnica kontroli ACC L1	L0-R24-LP016X Osmosis system panel Rozdzielnica instalacji ozmozy	L0-R24-LP004A SPARE ZAPASOWE	L0-R24-LP004B SPARE ZAPASOWE
C.B. TYPE C.B. TYP	S202C6	S203C4	S202C4	S202C6	S202C4	S202C4
RATED POWER (W) MOC ZNAMIONOWA (W)	800	2100	500	1000	450	450
NOMINAL CURRENT (A) PRAD NOMINALNY (A)	6	4	4	6	4	4

CLIENTE
CUSTOMER
KLIENT

N. ORDINE
ORDER N.
ZAMÓWIENIE NR

100/14 dtd 03/11/14



DESCRIZIONE - DESCRIPTION
DUAL AC UPS E3001.e 100kVA

400Vac 3Ph/220Vdc/400Vac 3Ph

230V AC DISTRIBUTION

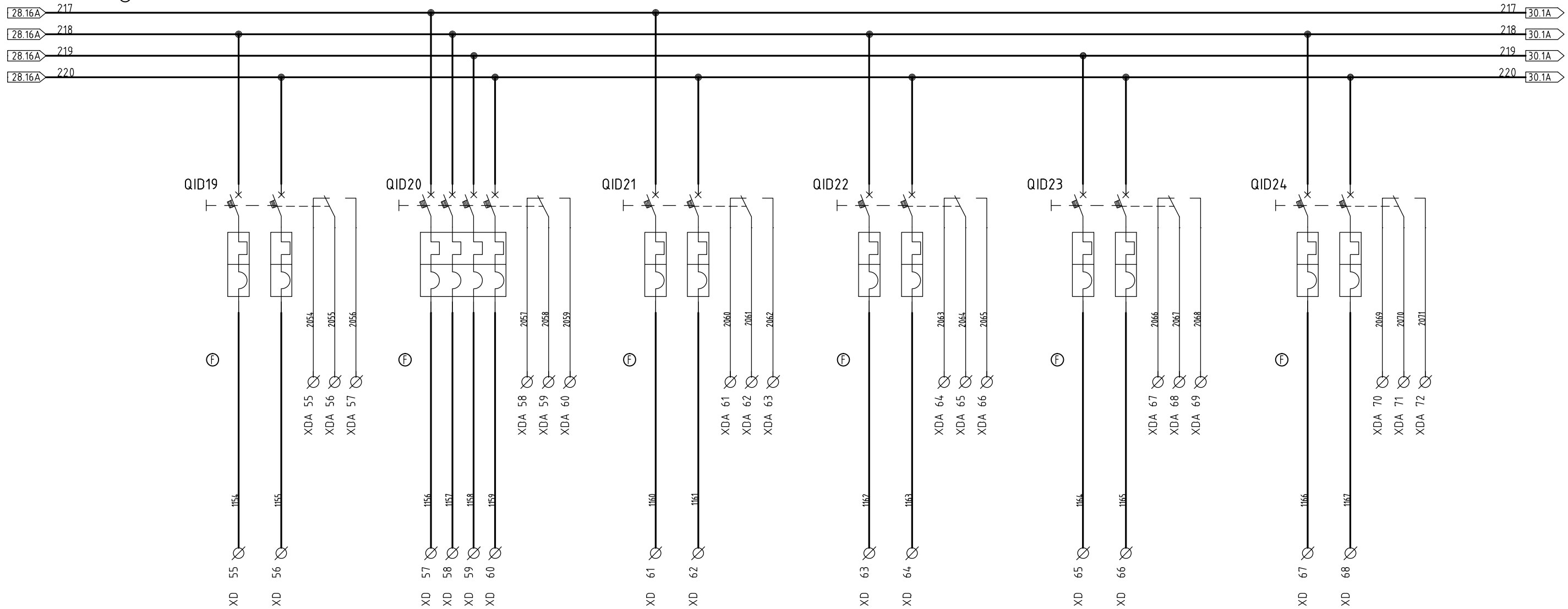
230V AC DYSTRYBUCJA

COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.
JCB143229	Freschi	19-11-14	00
MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	
L14-002	Conti		01
			02

DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE
FIRST ISSUE		19-11-14
AS PER COMMENTS WZIAWSZY POD UWAGE		04/12/14
FOR CONSTRUCTION DO KONSTRUKCJI		14/01/15
AS BUILT POWYKONAWCZY		02/03/15

DIS. N. DRAW. N.	SCALA : SCALE :	FG. SHEET	DI FG. DF SH.
10168EKEY404	CAT. A	28	69
DISEGNATORE : DRAWN BY :		MF	





ITEM ELEMENT	L1-H13-CU125X Cleaning system sequencer FAM L1 Sekwencer system oczyszczania FAM L1	L1-R24-LP020X Boiler cleaning blower panel L1 Rozdzielnica zdmuchiwaczy sady kotta L1	L1-R24-LP017X Auxiliary burner panel 1 L1 Rozdzielnica palnika pomocniczego 1 L1	L1-R24-LP018X Auxiliary burner panel 2 L1 Rozdzielnica palnika pomocniczego 2 L1	L0-H13-CU104X MV/LV trafo thermometric control unit panel Rozdzielnica urządzeń termometrycznych trans SN/NN	L0-H13-CU201X Generator control panel Rozdzielnica kontroli prądnicy
C.B. TYPE C.B. TYP	S202C4	S204C6	S202C6	S202C6	S202C4	S202C4
RATED POWER (W) MOC ZNAMIONOWA (W)	500	3000	1000	1000	300	600
NOMINAL CURRENT (A) PRĄD NOMINALNY (A)	4	6	6	6	4	4

CLIENTE
CUSTOMER
KLIENT

N. ORDINE
ORDER N.
ZAMÓWIENIE NR

100/14 dtd 03/11/14



DESCRIZIONE -DESCRIPTION
DUAL AC UPS E3001.e 100kVA
400Vac 3Ph/220Vdc/400Vac 3Ph
230V AC DISTRIBUTION
230V AC DYSTRYBUCJA

COMMESSA
JOB Praca
JCB143229

EMESSO
ISSUED
Freschi

DATA
DATE
19-11-14

REV.
00
01
02

DESCRIZIONE
DESCRIPTION OPIS
FIRST ISSUE
AS PER COMMENTS WZIAWSZY POD UWAGE
FOR CONSTRUCTION DO KONSTRUKCJI
AS BUILT POWYKONAWCZY

CONTR.
CHECKED

DATA
DATE
19-11-14
04/12/14
14/01/15
02/03/15

DIS. N.
DRAW. N.
10168EKEY404

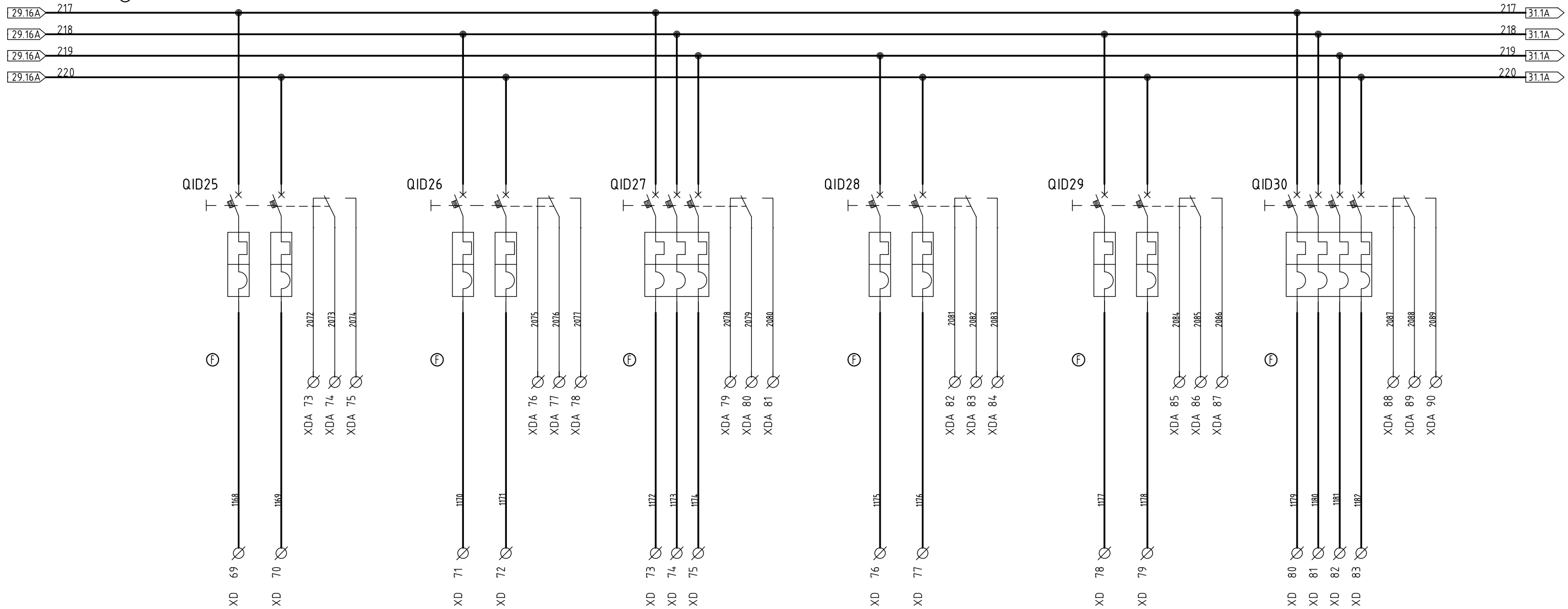
SCALA :
SCALE :
CAT.
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SHEET
29

DI FG.
DF SH.
69



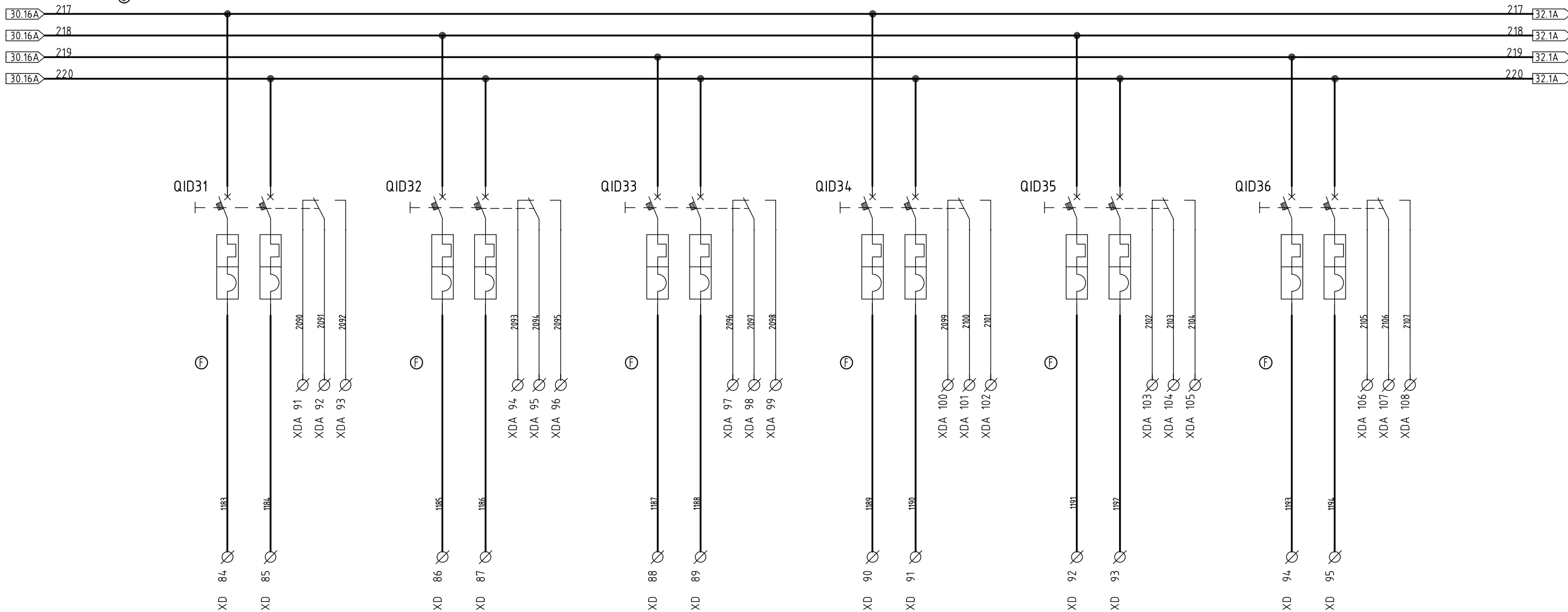
DISEGNATORE : MF
DRAWN BY :



ITEM ELEMENT	L1-R24-VS112X Flue gas extractor fan auxiliaries L1 Pomocnicze went. Ekstrakcja spalin L1	L2-R24-VS112X Flue gas extractor fan auxiliaries L2 Pomocnicze went. Ekstrakcja spalin L2	L2-H13-CU102X Hydraulic cabinet L2 Rozdzielnica agregat hydrauliczny L2	L2-H13-CU101X ACC control panel L2 Rozdzielnica kontroli ACC L2	L2-H13-CU125X Cleaning system sequencer FAM L2 Sekwencer system oczyszczenia FAM L2	L2-R24-LP020X Boiler cleaning blower panel L2 Rozdzielnica zdmuchiwczy sadzy kotla L2
C.B. TYPE C.B. TYP	S202C4	S202C4	S203C6	S202C4	S202C4	S204C6
RATED POWER (W) MOC ZNAMIONOWA (W)	650	650	2100	500	500	3000
NOMINAL CURRENT (A) PRAD NOMINALNY (A)	4	4	6	4	4	6

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMOWIENIE NR		DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA			COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 19-11-14	DATA DATE 04/12/14	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 30	DI FG. DF SH. 69	
		400Vac 3Ph/220Vdc/400Vac 3Ph 230V AC DISTRIBUTION 230V AC DYSTRYBUCJA			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15	01 FOR CONSTRUCTION DO KONSTRUKCJI	02 AS BUILT POWYKONAWCZY	14/01/15 02/03/15	DISIGNATORE : DRAWN BY : MF					

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16



ITEM ELEMENT	L2-R24-LP017X Auxiliary burner panel 1 L2 Rozdzielnica palnika pomocniczego 1 L2	L2-R24-LP018X Auxiliary burner panel 2 L2 Rozdzielnica palnika pomocniczego 2 L2	L1-R24-VS110X Main air fan auxiliaries L1 Pomocnicze went. powietrze pierwotne L1	L2-R24-VS110X Main air fan auxiliaries L2 Pomocnicze went. powietrze pierwotne L2	L1-R24-VS111X Secondary air fan auxiliaries L1 Pomocnicze went powietrze wtórne L2	L2-R24-VS111X Secondary air fan auxiliaries L2 Pomocnicze went powietrze wtórne L2
C.B. TYPE C.B. TYP	S202C6	S202C6	S202C4	S202C4	S202C4	S202C4
RATED POWER (W) MOC ZNAMIONOWA (W)	1000	1000	660	660	660	660
NOMINAL CURRENT (A) PRĄD NOMINALNY (A)	6	6	4	4	4	4

CLIENTE
CUSTOMER
KLIENT

N. ORDINE
ORDER N.
ZAMÓWIENIE NR

100/14 dtd 03/11/14



DESCRIZIONE -DESCRIPTION
DUAL AC UPS E3001.e 100kVA
400Vac 3Ph/220Vdc/400Vac 3Ph
230V AC DISTRIBUTION
230V AC DYSTRYBUCJA

COMMESSA
JOB Praca
JCB143229

EMESSO
ISSUED
Freschi

DATA
DATE
19-11-14

REV.
00
01
02

DESCRIZIONE
DESCRIPTION OPIS
FIRST ISSUE
AS PER COMMENTS WZTAWSZY POD UWAGE
FOR CONSTRUCTION DO KONSTRUKCJI
AS BUILT POWYKONAWCZY

CONTR.
CHECKED

DATA
DATE
19-11-14
04/12/14
14/01/15
02/03/15

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10168EKEY404

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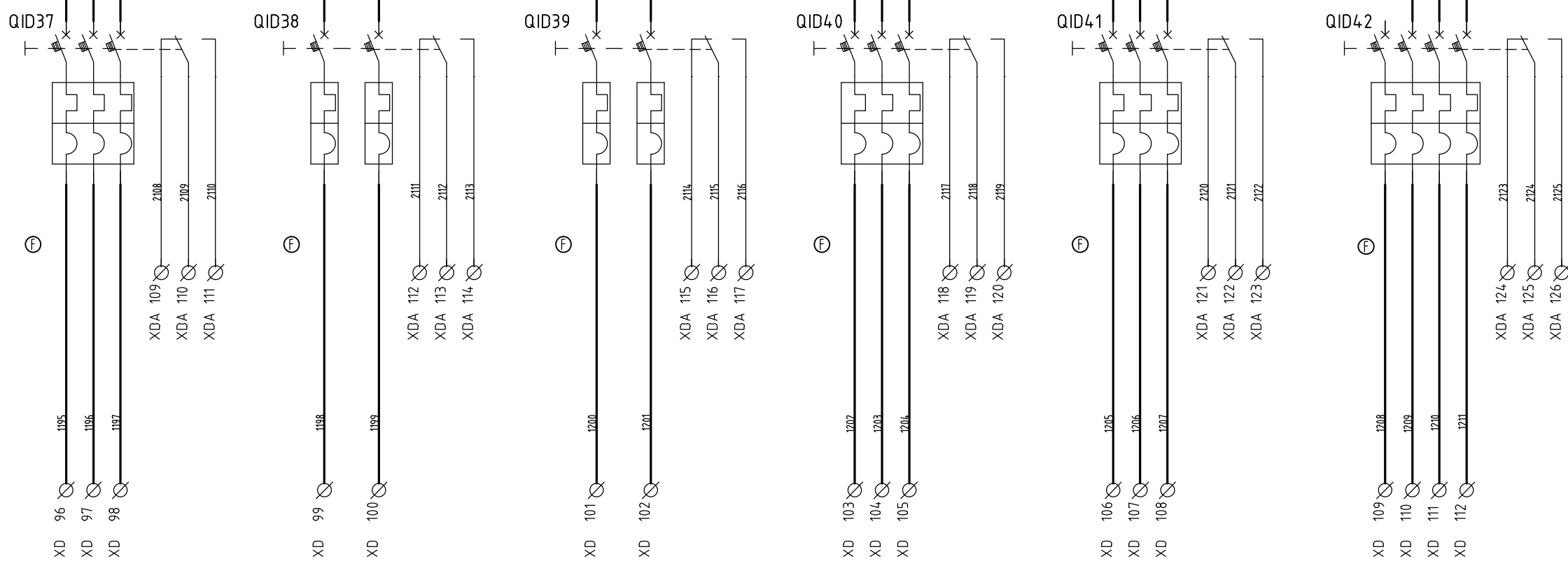
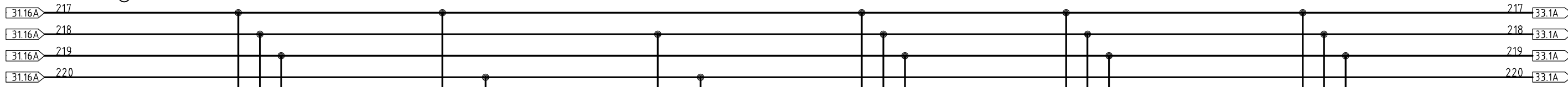
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SHEET
31

DI FG.
DF SH.
69



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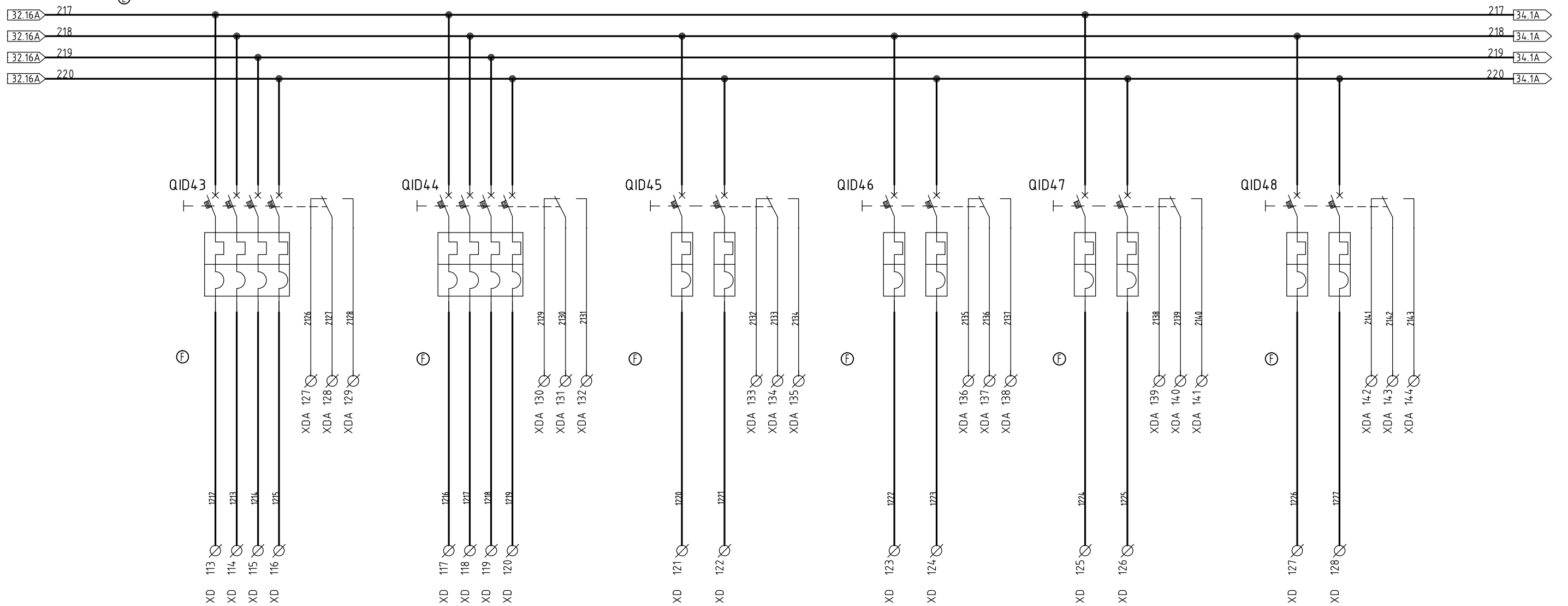
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16



ITEM ELEMENT	L1-R24-LP030X Tracking panel PLC FAM L1 PLC rozdzielnica wykresu FAM L1	L0-H13-CU131X Bridgcrane control panel Rozdzielnica kontroli suwnic	L0-R24-LP041X Burner fuel pump panel Rozdzielnica pomp paliwa palników	L2-R24-LP030X Tracking panel PLC FAM L2 PLC rozdzielnica wykres FAM L2	L0-R42-LP060X Turbopump oil pump panel Rozdzielnica pompa olej pompa turbinowa	L0-R72-SD061-01 Control room building privileged light switchboard P1 Rozdzielnica dystrybucji światła uprzywilejowane sala rozdzielnic/kontroli P1
C.B. TYPE C.B. TYP	S203C4	S202C16	S202C4	S203C4	S203C16	S204C20
RATED POWER (W) MOC ZNAMIONOWA (W)	2000	2000	310	2000	5700	-
NOMINAL CURRENT (A) PRĄD NOMINALNY (A)	4	16	4	4	16	20

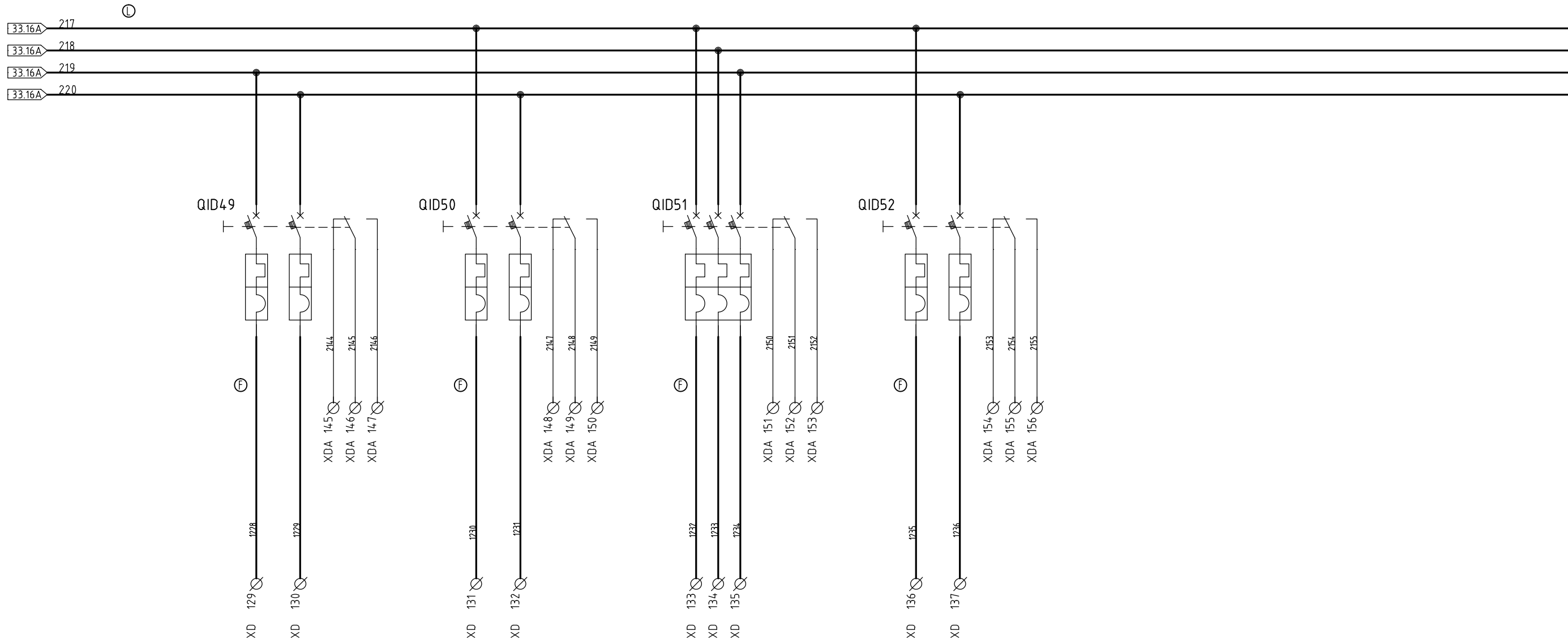
CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA				COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : 	CAT. A	FG. SHEET 32	DI FG. OF SH. 69	
		100/14 dtd 03/11/14	400Vac 3Ph/220Vdc/400Vac 3Ph 230V AC DISTRIBUTION 230V AC DYSTRYBUCJA				MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 	01 FOR CONSTRUCTION DO KONSTRUKCJI	02 AS BUILT POWYKONAWCZY	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16



ITEM ELEMENT	LD-H13-CU109X Firefighting system panel Rozdzielnica systemu przeciwpożarowego	SPARE ZAPASOWE	SPARE ZAPASOWE	LD-R24-LP004A CDR bridgecrane panel Rozdzielnica suwnicy CDR	SPARE ZAPASOWE	SPARE ZAPASOWE
C.B. TYPE C.B. TYP	S204C10	S204C6	S202C20	S202C16	S202C10	S202C6
RATED POWER (W) MOC ZNAMIONOWA (W)	-	-	-	-	-	-
NOMINAL CURRENT (A) PRĄD NOMINALNY (A)	10	6	20	16	10	6

CLIENTE CUSTOMER KLIENT		DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA	COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE	DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. DF SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR		100/14 dtd 03/11/14	400Vac 3Ph/220Vdc/400Vac 3Ph 230V AC DISTRIBUTION 230V AC DYSTRYBUCJA	JCB143229	Freschi	19-11-14	00	FIRST ISSUE		19-11-14	10168EKEY404	CAT. A	33	
			MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	01	AS PER COMMENTS WZIAWSZY POD UWAGĘ		04/12/14					
			L14-002	Conti		02	FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY		14/01/15 02/03/15		DISEGNATORE : DRAWN BY : MF			

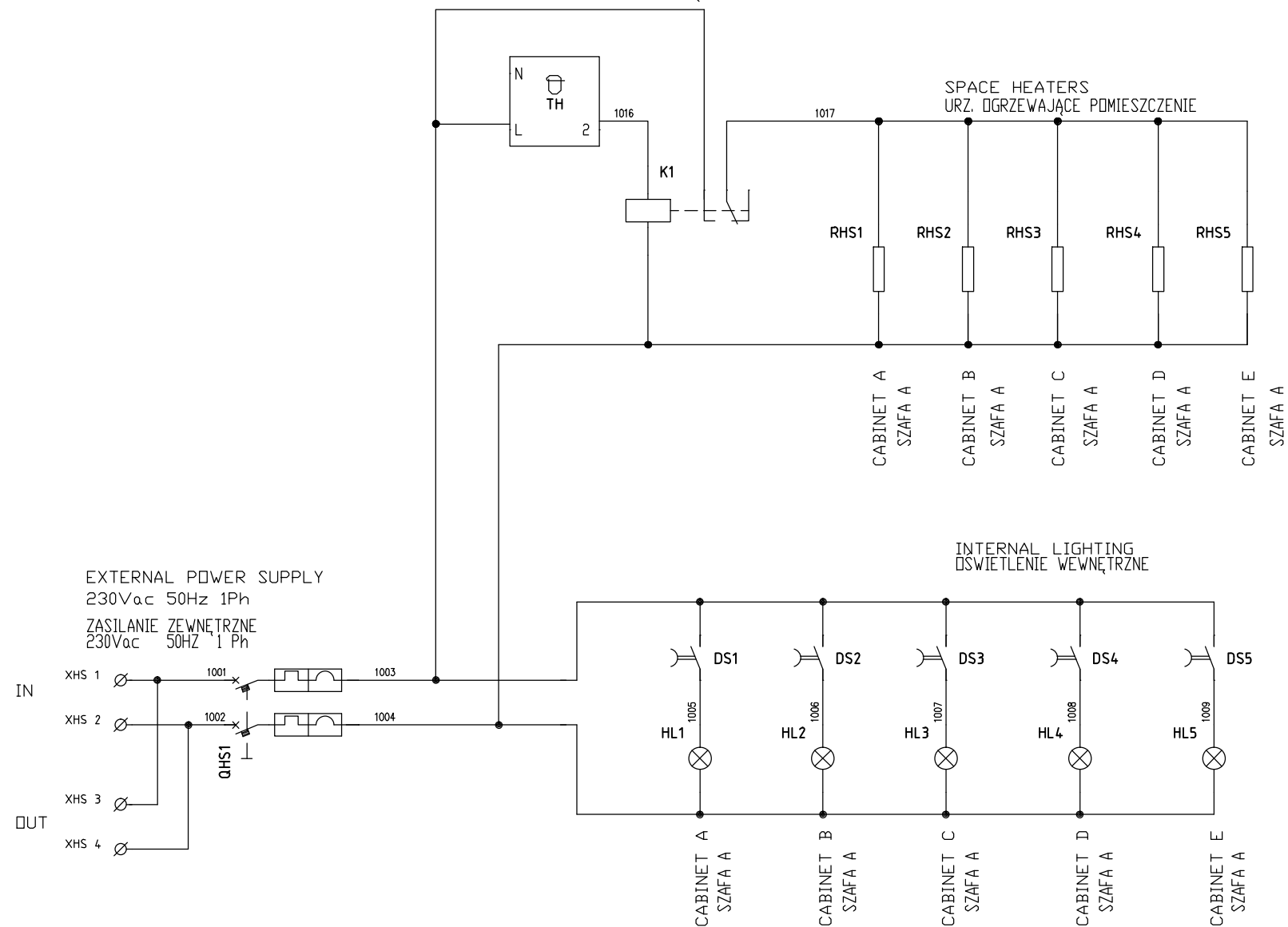


ITEM ELEMENT	LO-R72-SD061-02 ITAR PANEL Rozdzielnica ITAR	SPARE ZAPASOWE	SPARE ZAPASOWE	LO-R24-LP004A CDR bridgecrane panel Rozdzielnica suwnicy CDR
C.B. TYPE C.B. TYP	S202C4	S202C2	S203C10	S203C16
RATED POWER (W) MOC ZNAMIONOWA (W)	-	-	-	-
NOMINAL CURRENT (A) PRĄD NOMINALNY (A)	4	2	10	20

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N. DRAW. N. 10168EKEY404	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : /	CAT. A	FG. SHEET 34	DI FG. OF SH. 69	
		400Vac 3Ph/220Vdc/400Vac 3Ph 230V AC DISTRIBUTION 230V AC DYSTRYBUCJA	MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 FOR CONSTRUCTION DO KONSTRUKCJI 02 AS BUILT POWYKONAWCZY	04/12/14 14/01/15 02/03/15	DRAWN BY : MF								

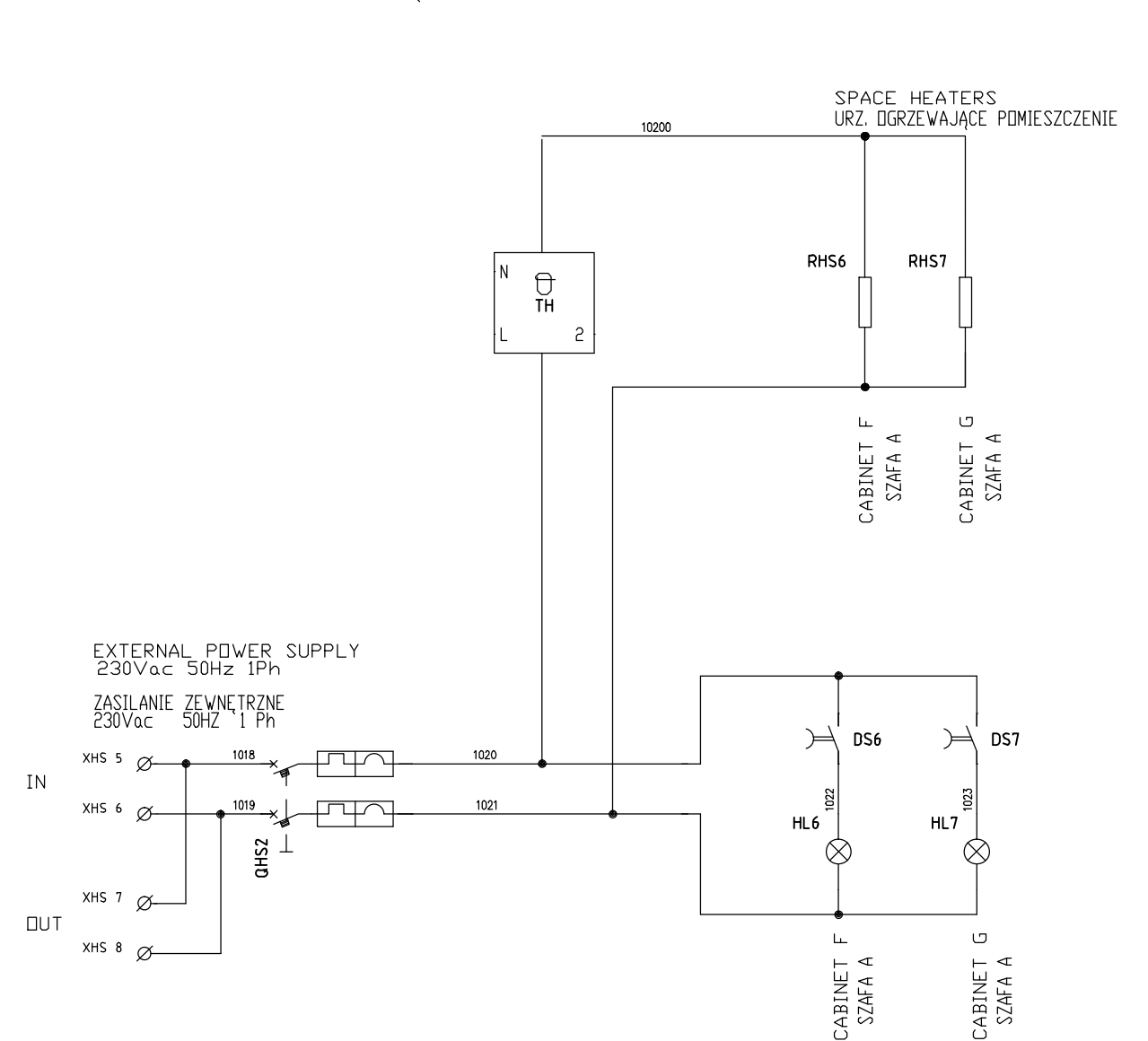
UPS SPACE HEATERS & INTERNAL LIGHTING

URZ. OGRZEW. UPS & OŚWIETLENIE WEWNĘTRZNE



DISTRIBUTION SPACE HEATERS & INTERNAL LIGHTING

URZ. OGRZEW. DYSTRYBUCJI & OŚWIETLENIE WEWNĘTRZNE



CLIENTE
CUSTOMER
KLIENT

N. ORDINE
ORDER N.
ZAMÓWIENIE NR

100/14 dtd 03/11/14



DESCRIZIONE - DESCRIPTION
DUAL AC UPS E3001.e 100kVA
400Vac 3Ph/220Vdc/400Vac 3Ph

SPACE HEATERS INTERNAL LIGHTING
URZ. OGRZEW. OŚWIETLENIE WEWNĘTRZNE

COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.
JCB143229	Freschi	19-11-14	00
MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	
L14-002	Conti		01
			02

DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE
FIRST ISSUE		19-11-14
AS PER COMMENTS WZIAWSZY POD UWAGE		04/12/14
FOR CONSTRUCTION DO KONSTRUKCJI		14/01/15
AS BUILT POWYKONAWCZY		02/03/15

DIS. N.
DRAW. N.

10168EKEY404

DIS. N.
DRAW. N.

DIS. N.
DRAW. N.

DIS. N.
DRAW. N.

SCALA :
SCALE :

CAT.
A

FG.
SHEET

DI FG.
OF SH.

35

69



BY PASS
BYPASS
X01

Description OPIS	NumM	NumI	Fg.Cat	
RECTIFIER INPUT WEJŚCIE PROSTOWNIKA	T-T 70	1	81	5.1C
	T-T 70	2	82	5.1C
	T-T 70	3	83	5.1C

RECTIFIER SERVICE
USŁUGI PROSTOWNIKA
XT

Description OPIS	NumM	NumI	Fg.Cat	
4-20mA BATTERY CURRENT 4-20mA PRĄD AKUM	M6/8	1	3041	6.13A
	M6/8	2	3042	6.13A
4-20mA BATTERY VOLTAGE 4-20mA NAPIĘCIE AKUM	M6/8	3	3044	6.15A
	M6/8	4	3045	6.15A

RECTIFIER SERVICE
USŁUGI PROSTOWNIKA
X02



Description OPIS	NumM	NumI	Fg.Cat	
TO BATTERY - BATTERY CONNECTION	T-T 120	1	133	6.16C
	T-T 120	2	134	6.16C

RECTIFIER SERVICE
USŁUGI PROSTOWNIKA
XA

Description OPIS	NumM	NumI	Fg.Cat	
QG-STATUS STAN - QG	M6/8	1	910	5.4D
	M6/8	2	911	5.4D
	M6/8	3	912	5.4D
RICB-A TRIP WYZWALACZ RICB-A	M6/8	4	901	6.3E
	M6/8	5	902	6.3E
	M6/8	6	903	6.3E
RICB-A STATUS STAN RICB-A	M6/8	7	904	6.3E
	M6/8	8	905	6.3E
	M6/8	9	906	6.3E
BCB-A TRIP WYZWALACZ BCB-A	M6/8	10	1500	6.16B
	M6/8	11	1501	6.16B
	M6/8	12	1502	6.16B
BCB-A STATUS STAN - BCB-A	M6/8	13	1503	6.16B
	M6/8	14	1504	6.16B
	M6/8	15	1505	6.16B
FROM BATTERY FUSE BOX XC - AUX. CONTACT OD SKRZYŃKI BEZPIECZNIKÓW AKUMULATORA XC - AUX. STYK	M6/8	16	W17-1	6.16B
	M6/8	17	W17-2	6.16B

RECTIFIER SERVICE
USŁUGI PROSTOWNIKA
XHS

Description OPIS	NumM	NumI	Fg.Cat	
230V AC 1Ph EXTERNAL POWER SUPPLY (IN) 230V AC 1Ph ZASILANIE ZEWNĘTRZNE (WEJ)	M6/8	1	1012	35.1D
	M6/8	2	1013	35.1D
230V AC 1Ph EXTERNAL POWER SUPPLY (OUT) 230V AC 1Ph ZASILANIE ZEWNĘTRZNE (WYJ)	M6/8	3	1012	35.1D
	M6/8	4	1013	35.1D

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR	 100/14 dtd 03/11/14	DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph RECTIFIER 1 TERMINAL BOARDS PROSTOWNICZYI LISTWY ZACISKOWE	COMMESSA JOB Praca JCB143229	EMESSO ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 36	DI FG. OF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 AS PER COMMENTS WZIAWSZY POD UWAGE 02 AS BUILT POWYKONAWCZY	04/12/14 14/01/15 02/03/15	DISEGNATORE : MF DRAWN BY :						



INVERTER 1 FALOWNIK 1 XAA		Description OPIS	NumM	NumI	Fg.Cat
RL1 : Mains fault RL1: Awaria zasilania	ARC 1	M6/8	1	91	14.7B
		M6/8	2	92	14.7B
		M6/8	3	93	14.7B
RL2 : Rectifier failure RL2: Usterka prostownika	ARC 1	M6/8	4	94	14.7B
		M6/8	5	95	14.7B
RL3 : Floating charge RL3: Ładowanie pływające	ARC 1	M6/8	6	96	14.7B
		M6/8	7	97	14.7B
		M6/8	8	98	14.7B
RL4 : Manual charge RL4: Ładowanie ręczne	ARC 1	M6/8	9	99	14.7B
		M6/8	10	100	14.7B
		M6/8	11	101	14.6B
RL5 : Overvoltage RL5: Przepięcie	ARC 1	M6/8	12	102	14.6B
		M6/8	13	103	14.6B
RL6 : Undervoltage RL6 : Pod napięcie	ARC 1	M6/8	14	104	14.6B
		M6/8	15	105	14.6B
		M6/8	16	106	14.6B
RL1 : Battery low voltage RL1 : Niskie napięcie akumulatora	ARC 2	M6/8	17	107	14.6B
		M6/8	18	108	14.6B
		M6/8	19	109	14.12B
RL2 : Battery Discharging RL2: Rozładowanie akumulatora	ARC 2	M6/8	20	110	14.12B
		M6/8	21	111	14.12B
RL3 : Inverter out of tolerance RL3: Falownik Poza tolerancję	ARC 2	M6/8	22	112	14.12B
		M6/8	23	113	14.12B
		M6/8	24	114	14.12B
RL4 : Battery disconnected (BCB Open) RL4: Akumulator odłączony (BCB Otwarty)	ARC 2	M6/8	25	115	14.12B
		M6/8	26	116	14.12B
RL5 : Inverter synchronized RL5: Falownik zsynchronizowany	ARC 2	M6/8	27	117	14.12B
		M6/8	28	118	14.12B
		M6/8	29	119	14.11B
RL6 : MCB Closed RL6 : MCB Zamknięty	ARC 2	M6/8	30	120	14.11B
		M6/8	31	121	14.11B
RL1 : Inverter failure RL1 : Usterka falownika	ARC 3	M6/8	32	122	14.11B
		M6/8	33	123	14.11B
		M6/8	34	124	14.11B
RL2 : Bypass feeds load RL2: Bypass zasila obciążenie	ARC 3	M6/8	35	125	14.11B
		M6/8	36	126	14.11B
RL3 : Overload RL3: Przeciążenie	ARC 3	M6/8	37	127	14.14C
		M6/8	38	128	14.14C
		M6/8	39	129	14.14C
	ARC 3	M6/8	40	130	14.14C
		M6/8	41	131	14.14C
	ARC 3	M6/8	42	132	14.14C
		M6/8	43	133	14.14C
	ARC 3	M6/8	44	134	14.13C
		M6/8	45	135	14.13C

INVERTER 1 FALOWNIK 1 XAA		Description OPIS	NumM	NumI	Fg.Cat
RL4 : AC earth fault RL4: Błqd uziemienia AC	ARC 3	M6/8	46	136	14.13C
		M6/8	47	137	14.13C
		M6/8	48	138	14.13C
RL5 : Fans failure RL5: Usterka wentylatorów	ARC 3	M6/8	49	139	14.13C
		M6/8	50	140	14.13C
RL6 : Common alarm RL6 : Alarm zbiorczy	ARC 3	M6/8	51	141	14.13C
		M6/8	52	142	14.13C
		M6/8	53	143	14.12C
		M6/8	54	144	14.12C

BY PASS BY PASS X03		Description OPIS	NumM	NumI	Fg.Cat
BYPASS TRANSFORMER INPUT BYPASS WEJŚCIE TRANSFORMATORA		T-T 35	1	30	10.15D
		T-T 35	2	31	10.15D
		T-T 35	3	32	10.15D
		T-T 35	4	33	10.15D

INVERTER 1 FALOWNIK 1 XEac		Description OPIS	NumM	NumI	Fg.Cat
E.P.O. EMERGENCY POWER OFF E.P.O. PRZAWARYJNY WY??CZANIA MOCY		M6/8	1	W27	8.1C
		M6/8	2	W27	8.1C




INVERTER 1 FALOWNIK 1 XT		Description OPIS	NumM	NumI	Fg.Cat
4-20mA OUT VOLTAGE INVERTER 1 PHASE R 4-20mA FALOWNIK NAP WYJ1FAZA R		M6/8	4	3046	9.12A
		M6/8	5	3047	9.13A
4-20mA OUT VOLTAGE INVERTER 1 PHASE S 4-20mA FALOWNIK NAP WYJ1FAZA S		M6/8	6	3048	9.13A
		M6/8	7	3049	9.13A
4-20mA OUT VOLTAGE INVERTER 1 PHASE T 4-20mA FALOWNIK NAP WYJ1FAZA T		M6/8	8	3050	9.13A
		M6/8	9	3051	9.13A
4-20mA OUT CURRENT INVERTER 1 PHASE R 4-20mA FALOWNIK PR WYJ1FAZA R		M6/8	10	3052	9.14A
		M6/8	11	3053	9.15A
4-20mA OUT CURRENT INVERTER 1 PHASE S 4-20mA FALOWNIK PR WYJ1FAZA S		M6/8	12	3054	9.15A
		M6/8	13	3055	9.15A
4-20mA OUT CURRENT INVERTER 1 PHASE T 4-20mA FALOWNIK PR WYJ1FAZA T		M6/8	14	3056	9.15A
		M6/8	15	3057	9.15A

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 04/12/14	DATA DATE 14/01/15	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 37	DI FG. DF SH. 69	
		400Vac 3Ph/220Vdc/400Vac 3Ph INVERTER 1 TERMINAL BOARDS FALOWNIK 1 LISTWY ZACISKOWE	MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 02/03/15	AS PER COMMENTS WZTAWSZY POD UWAGE FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	DIS. N DRAW. N MF	DRAWN BY :						

RECT_2 XA				
	Description OPIS	NumM	NumI	Fg.Cat
RICB-B TRIP WYZWALACZ RICB-B	M6/8	1	901	16.3E
	M6/8	2	902	16.3E
	M6/8	3	903	16.3E
RICB-B STATUS STAN RICB-B	M6/8	4	904	16.3E
	M6/8	5	905	16.3E
	M6/8	6	906	16.3E
BCB-B TRIP WYZWALACZ BCB-B	M6/8	7	1500	16.15B
	M6/8	8	1501	16.15B
	M6/8	9	1502	16.15B
BCB-B STATUS BCB-B STAN	M6/8	10	1503	16.15B
	M6/8	11	1504	16.15B
	M6/8	12	1505	16.15B
FROM BATTERY FUSE BOX XC - AUX. CONTACT OD SKRZYNKI BEZPIECZNIKÓW AKUMULATORA XC - AUX. STYK	M6/8	13	W17-1	16.16C
	M6/8	14	W17-2	16.16C

RECT_2 PROSTOWNIK 2 X02				
	Description OPIS	NumM	NumI	Fg.Cat
TO BATTERY B - BATTERY B CONNECTION	T-T 120	1	133	16.16C
	T-T 120	2	134	16.16C

RECT_2 PROSTOWNIK 2 XT				
	Description OPIS	NumM	NumI	Fg.Cat
4-20mA BATTERY B CURRENT 4-20mA PRĄD B AKUM	M6/8	1	3041	16.13A
	M6/8	2	3042	16.13A
4-20mA BATTERY B VOLTAGE 4-20mA NAPIĘCIE B AKUM	M6/8	3	3044	16.14A
	M6/8	4	3045	16.15A

CLIENTE CUSTOMER KLIENT				DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca	EMESSE ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS		CONTR. CHECKED	DATA DATE	DIS. N DRAW. N	 SCALA : SCALE :	FG. SHEET	DI FG. OF SH.		
N. ORDINE ORDER N. ZAMÓWIENIE NR		100/14 dtd 03/11/14		400Vac 3Ph/220Vdc/400Vac 3Ph RECTIFIER 2 TERMINAL BOARDS PROSTOWNIK 2 LISTWY ZACISKOWE		JCB143229	Freschi	19-11-14	00	FIRST ISSUE		19-11-14	04/12/14	10168EKEY404	CAT. A	38	69		
						MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	01	AS PER COMMENTS WZIAWSZY POD UWAGE		14/01/15	02/03/15	DISEGNATORE : MF DRAWN BY :					

INVERTER 2 FALOWNIK 2 XAA				Description OPIS	NumM	NumI	Fg.Cat
RL1 : Mains fault RL1: Awaria zasilania	ARC 1	M6/8	1	91	24.7B		
		M6/8	2	92	24.7B		
		M6/8	3	93	24.7B		
RL2 : Rectifier failure RL2: Usterka prostownika	ARC 1	M6/8	4	94	24.7B		
		M6/8	5	95	24.7B		
RL3 : Floating charge RL3: Ładowanie pływające	ARC 1	M6/8	6	96	24.7B		
		M6/8	7	97	24.7B		
		M6/8	8	98	24.7B		
RL4 : Manual charge RL4: Ładowanie ręczne	ARC 1	M6/8	9	99	24.7B		
		M6/8	10	100	24.7B		
		M6/8	11	101	24.6B		
RL5 : Overvoltage RL5: Przepięcie	ARC 1	M6/8	12	102	24.6B		
		M6/8	13	103	24.6B		
		M6/8	14	104	24.6B		
RL6 : Undervoltage RL6 : Pod napięcie	ARC 1	M6/8	15	105	24.6B		
		M6/8	16	106	24.6B		
		M6/8	17	107	24.6B		
RL1 : Battery low voltage RL1 : Niskie napięcie akumulatora	ARC 2	M6/8	18	108	24.6B		
		M6/8	19	109	24.12B		
		M6/8	20	110	24.12B		
RL2 : Battery Discharging RL2: Rozładowanie akumulatora	ARC 2	M6/8	21	111	24.12B		
		M6/8	22	112	24.12B		
		M6/8	23	113	24.12B		
RL3 : Inverter out of tolerance RL3: Falownik Poza tolerancję	ARC 2	M6/8	24	114	24.12B		
		M6/8	25	115	24.12B		
RL4 : Battery disconnected (BCB Open) RL4: Akumulator odłączony (BCB Otwarty)	ARC 2	M6/8	26	116	24.12B		
		M6/8	27	117	24.12B		
RL5 : Inverter synchronized RL5: Falownik zsynchronizowany	ARC 2	M6/8	28	118	24.12B		
		M6/8	29	119	24.11B		
RL6 : MCB Closed RL6 : MCB Zamknięty	ARC 2	M6/8	30	120	24.11B		
		M6/8	31	121	24.11B		
RL1 : Inverter failure RL1 : Usterka falownika	ARC 3	M6/8	32	122	24.11B		
		M6/8	33	123	24.11B		
		M6/8	34	124	24.11B		
RL2 : Bypass feeds load RL2: Bypass zasila obciążenie	ARC 3	M6/8	35	125	24.11B		
		M6/8	36	126	24.11B		
		M6/8	37	127	24.14C		
RL3 : Overload RL3: Przeciążenie	ARC 3	M6/8	38	128	24.14C		
		M6/8	39	129	24.14C		
RL4 : Common alarm RL4 : Alarm zbiorczy	ARC 3	M6/8	40	130	24.14C		
		M6/8	41	131	24.14C		
		M6/8	42	132	24.14C		
RL5 : AC earth fault RL5: Błąd uziemienia AC	ARC 3	M6/8	43	133	24.14C		
		M6/8	44	134	24.13C		
		M6/8	45	135	24.13C		

INVERTER 2 FALOWNIK 2 XAA				Description OPIS	NumM	NumI	Fg.Cat
RL4 : AC earth fault RL4: Błąd uziemienia AC	ARC 3	M6/8	46	136	24.13C		
		M6/8	47	137	24.13C		
		M6/8	48	138	24.13C		
RL5 : Fans failure RL5: Usterka wentylatorów	ARC 3	M6/8	49	139	24.13C		
		M6/8	50	140	24.13C		
RL6 : Common alarm RL6 : Alarm zbiorczy	ARC 3	M6/8	51	141	24.13C		
		M6/8	52	142	24.13C		
RL7 : Common alarm RL7 : Alarm zbiorczy	ARC 3	M6/8	53	143	24.12C		
		M6/8	54	144	24.12C		

INVERTER 2 FALOWNIK 2 XEac				Description OPIS	NumM	NumI	Fg.Cat
E.P.O. EMERGENCY POWER OFF E.P.O. PRZAWARYJNY WYŁĄCZANIA MOCY				M6/8	1	W27	18.1C
				M6/8	2	W27	18.1C




INVERTER 2 FALOWNIK 2 XT				Description OPIS	NumM	NumI	Fg.Cat
4-20mA OUT VOLTAGE INVERTER PHASE R 4-20mA FALOWNIK NAP WYJ FAZA R				M6/8	4	3046	19.12A
				M6/8	5	3047	19.13A
4-20mA OUT VOLTAGE INVERTER PHASE S 4-20mA FALOWNIK NAP WYJ FAZA S				M6/8	6	3048	19.13A
				M6/8	7	3049	19.13A
4-20mA OUT VOLTAGE INVERTER PHASE T 4-20mA FALOWNIK NAP WYJ FAZA T				M6/8	8	3050	19.13A
				M6/8	9	3051	19.13A
4-20mA OUT CURRENT INVERTER PHASE R 4-20mA FALOWNIK PR WYJ FAZA R				M6/8	10	3052	19.14A
				M6/8	11	3053	19.15A
4-20mA OUT CURRENT INVERTER PHASE S 4-20mA FALOWNIK PR WYJ FAZA S				M6/8	12	3054	19.15A
				M6/8	13	3055	19.15A
4-20mA OUT CURRENT INVERTER PHASE T 4-20mA FALOWNIK PR WYJ FAZA T				M6/8	14	3056	19.15A
				M6/8	15	3057	19.15A

BY PASS BY PASS XA Utenza Użytkownik				Description OPIS	NumM	NumI	Fg.Cat
ELCB STATUS STAN ELCB				M6/8	15	4001	15.7B
				M6/8	16	4002	15.7B
				M6/8	17	4003	15.7B
ELCB TRIP WYZWALACZ ELCB				M6/8	18	4004	15.7B
				M6/8	19	4005	15.7B
				M6/8	20	4006	15.7B

CLIENTE CUSTOMER KLIENT		DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA	COMMESSA JOB Praca	EMESSO ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE	DIS. N DRAW. N	SCALA : SCALE :	FG. SHEET	DI FG. DF SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR		400Vac 3Ph/220Vdc/400Vac 3Ph	JCB143229	Freschi	19-11-14	00	FIRST ISSUE	19-11-14	04/12/14	10168EKEY404	CAT. A	39	69	
100/14 dtd 03/11/14		INVERTER 2/BYPASS TERMINAL BOARDS FALOWNIK 2/BYPASS LISTWY ZACISKOWE	MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	01	AS PER COMMENTS WZIAWSZY POD UWAGE		14/01/15					
			L14-002	Conti		02	FOR CONSTRUCTION DO KONSTRUKCJI		02/03/15					
							AS BUILT POWYKONAWCZY							




DISTRIBUTION DYSTRYBUCA XD				
	Description OPIS	NumM	NumI	Fg.Cat
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	1	1100	26.3C
	M16/12	2	1101	26.3C
	M16/12	3	1102	26.3C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	4	1103	26.5C
	M16/12	5	1104	26.5C
	M16/12	6	1105	26.5C
	M16/12	7	1106	26.5C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	8	1107	26.7C
	M16/12	9	1108	26.7C
	M16/12	10	1109	26.7C
	M16/12	11	1110	26.7C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	12	1111	26.9C
	M16/12	13	1112	26.9C
	M16/12	14	1113	26.9C
	M16/12	15	1114	26.10C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	16	1115	26.11C
	M16/12	17	1116	26.11C
	M16/12	18	1117	26.11C
	M16/12	19	1118	26.12C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	20	1119	26.13C
	M16/12	21	1120	26.13C
	M16/12	22	1121	26.14C
	M16/12	23	1122	26.14C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	24	1123	27.3C
	M16/12	25	1124	27.3C
	M16/12	26	1125	27.3C
	M16/12	27	1126	27.3C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	28	1127	27.5C
	M16/12	29	1128	27.5C
	M16/12	30	1129	27.5C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	31	1130	27.5C
	M16/12	32	1131	27.7C
	M16/12	33	1132	27.7C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	34	1133	27.7C
	M16/12	35	1134	27.9C
	M16/12	36	1135	27.9C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	37	1136	27.9C
	M16/12	38	1137	27.11C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	39	1138	27.11C
	M16/12	40	1139	27.13C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	41	1140	27.14C
	M16/12	42	1141	28.3C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	43	1142	28.4C
	M16/12	44	1143	28.5C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	45	1144	28.5C

DISTRIBUTION DYSTRYBUCA XD				
	Description OPIS	NumM	NumI	Fg.Cat
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	46	1145	28.5C
	M16/12	47	1146	28.7C
	M16/12	48	1147	28.7C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	49	1148	28.9C
	M16/12	50	1149	28.9C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	51	1150	28.11C
	M16/12	52	1151	28.11C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	53	1152	28.13C
	M16/12	54	1153	28.13C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	55	1154	29.3C
	M16/12	56	1155	29.4C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	57	1156	29.5C
	M16/12	58	1157	29.5C
	M16/12	59	1158	29.5C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	60	1159	29.6C
	M16/12	61	1160	29.7C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	62	1161	29.8C
	M16/12	63	1162	29.9C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	64	1163	29.10C
	M16/12	65	1164	29.11C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	66	1165	29.12C
	M16/12	67	1166	29.14C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	68	1167	29.14C
	M16/12	69	1168	30.3C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	70	1169	30.4C
	M16/12	71	1170	30.5C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	72	1171	30.6C
	M16/12	73	1172	30.7C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	74	1173	30.7C
	M16/12	75	1174	30.8C
	M16/12	76	1175	30.9C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	77	1176	30.10C
	M16/12	78	1177	30.12C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	79	1178	30.12C
	M16/12	80	1179	30.14C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	81	1180	30.14C
	M16/12	82	1181	30.14C
	M16/12	83	1182	30.14C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	84	1183	31.3C
	M16/12	85	1184	31.4C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	86	1185	31.5C
	M16/12	87	1186	31.6C
DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	88	1187	31.7C
	M16/12	89	1188	31.8C

CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	 SCALA : SCALE : CAT. A	FG. SHEET 40	DI FG. OF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14			400Vac 3Ph/220Vdc/400Vac 3Ph DISTRIBUTION TERMINAL BOARDS DYSTRYBUCA LISTWY ZACISKOWE		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 FOR CONSTRUCTION DO KONSTRUKCJI 02 AS BUILT POWYKONAWCZY	DIS. N DRAW. N 10168EKEY404	DIS. N DRAW. N 10168EKEY404	DIS. N DRAW. N 10168EKEY404	DIS. N DRAW. N 10168EKEY404	DIS. N DRAW. N 10168EKEY404	DIS. N DRAW. N 10168EKEY404	DIS. N DRAW. N 10168EKEY404	



DISTRIBUTION DYSTRYBUCA XD					
	Description OPIS	NumM	NumI	Fg.Cat	
A	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	90	1189	31.9C
		M16/12	91	1190	31.10C
		M16/12	92	1191	31.11C
B	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	93	1192	31.12C
		M16/12	94	1193	31.13C
		M16/12	95	1194	31.14C
C	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	96	1195	32.3C
		M16/12	97	1196	32.3C
		M16/12	98	1197	32.4C
D	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	99	1198	32.5C
		M16/12	100	1199	32.5C
		M16/12	101	1200	32.6C
E	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	102	1201	32.7C
		M16/12	103	1202	32.8C
		M16/12	104	1203	32.9C
A	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	105	1204	32.10C
		M16/12	106	1205	32.11C
		M16/12	107	1206	32.12C
B	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	108	1207	32.14C
		M16/12	109	1208	32.14C
		M16/12	110	1209	32.14C
C	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	111	1210	33.3C
		M16/12	112	1211	33.3C
		M16/12	113	1212	33.4C
D	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	114	1213	33.5C
		M16/12	115	1214	33.5C
		M16/12	116	1215	33.6C
E	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	117	1216	33.6C
		M16/12	118	1217	33.7C
		M16/12	119	1218	33.8C
A	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	120	1219	33.8C
		M16/12	121	1220	33.8C
		M16/12	122	1221	33.9C
B	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	123	1222	33.10C
		M16/12	124	1223	33.10C
		M16/12	125	1224	33.10C
C	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	126	1225	33.12C
		M16/12	127	1226	33.12C
		M16/12	128	1227	33.14C
D	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	129	1228	33.14C
		M16/12	130	1229	34.3C
		M16/12	131	1230	34.4C
E	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	132	1231	34.5C
		M16/12			

DISTRIBUTION DYSTRYBUCA XD					
	Description OPIS	NumM	NumI	Fg.Cat	
A	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	133	1232	34.6C
		M16/12	134	1233	34.8C
		M16/12	135	1234	34.8C
B	DISTRIBUTION FEEDER ZASILACZ DYSTRYBUCYJNY	M16/12	136	1235	34.10C
		M16/12	137	1236	34.10C
		M16/12	138	1237	34.10C

CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	 SCALA : SCALE :	FG. SHEET 41	DI FG. DF SH. 69	
N. ORDINE ORDER N. ZAMOWIENIE NR 100/14 dtd 03/11/14			400Vac 3Ph/220Vdc/400Vac 3Ph DISTRIBUTION TERMINAL BOARDS DYSTRYBUCA LISTWY ZACISKOWE		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 AS PER COMMENTS WZIAWSZY POD UWAGE	02 FOR CONSTRUCTION DO KONSTRUKCJI	14/01/15	02/03/15	DIS. N DRAW. N 10168EKEY404	CAT. A	DISEGNATORE : DRAWN BY : MF		




DISTRIBUTION DYSTRYBUCCJA XDA				
	Description OPIS	NumM	NumI	Fg.Cat
FEEDER STATUS STAN ZASILACZA	M6/8	1	2000	26.4B
	M6/8	2	2001	26.4B
	M6/8	3	2002	26.4B
FEEDER STATUS STAN ZASILACZA	M6/8	4	2003	26.6B
	M6/8	5	2004	26.6B
FEEDER STATUS STAN ZASILACZA	M6/8	6	2005	26.6B
	M6/8	7	2006	26.8B
FEEDER STATUS STAN ZASILACZA	M6/8	8	2007	26.8B
	M6/8	9	2008	26.8B
FEEDER STATUS STAN ZASILACZA	M6/8	10	2009	26.10B
	M6/8	11	2010	26.10B
FEEDER STATUS STAN ZASILACZA	M6/8	12	2011	26.10B
	M6/8	13	2012	26.12B
FEEDER STATUS STAN ZASILACZA	M6/8	14	2013	26.12B
	M6/8	15	2014	26.12B
FEEDER STATUS STAN ZASILACZA	M6/8	16	2015	26.14B
	M6/8	17	2016	26.14B
FEEDER STATUS STAN ZASILACZA	M6/8	18	2017	26.14B
	M6/8	19	2018	27.4B
FEEDER STATUS STAN ZASILACZA	M6/8	20	2019	27.4B
	M6/8	21	2020	27.4B
FEEDER STATUS STAN ZASILACZA	M6/8	22	2021	27.6B
	M6/8	23	2022	27.6B
FEEDER STATUS STAN ZASILACZA	M6/8	24	2023	27.6B
	M6/8	25	2024	27.8B
FEEDER STATUS STAN ZASILACZA	M6/8	26	2025	27.8B
	M6/8	27	2026	27.8B
FEEDER STATUS STAN ZASILACZA	M6/8	28	2027	27.9B
	M6/8	29	2028	27.10B
FEEDER STATUS STAN ZASILACZA	M6/8	30	2029	27.10B
	M6/8	31	2030	27.12B
FEEDER STATUS STAN ZASILACZA	M6/8	32	2031	27.12B
	M6/8	33	2032	27.12B
FEEDER STATUS STAN ZASILACZA	M6/8	34	2033	27.14B
	M6/8	35	2034	27.14B
FEEDER STATUS STAN ZASILACZA	M6/8	36	2035	27.14B
	M6/8	37	2036	28.4B
FEEDER STATUS STAN ZASILACZA	M6/8	38	2037	28.4B
	M6/8	39	2038	28.4B
FEEDER STATUS STAN ZASILACZA	M6/8	40	2039	28.6B
	M6/8	41	2040	28.6B
FEEDER STATUS STAN ZASILACZA	M6/8	42	2041	28.6B
	M6/8	43	2042	28.8B
FEEDER STATUS STAN ZASILACZA	M6/8	44	2043	28.8B

DISTRIBUTION DYSTRYBUCCJA XDA				
	Description OPIS	NumM	NumI	Fg.Cat
FEEDER STATUS STAN ZASILACZA	M6/8	45	2044	28.8B
	M6/8	46	2045	28.10B
	M6/8	47	2046	28.10B
FEEDER STATUS STAN ZASILACZA	M6/8	48	2047	28.10B
	M6/8	49	2048	28.11B
FEEDER STATUS STAN ZASILACZA	M6/8	50	2049	28.12B
	M6/8	51	2050	28.12B
FEEDER STATUS STAN ZASILACZA	M6/8	52	2051	28.13B
	M6/8	53	2052	28.14B
FEEDER STATUS STAN ZASILACZA	M6/8	54	2053	28.14B
	M6/8	55	2054	29.4B
FEEDER STATUS STAN ZASILACZA	M6/8	56	2055	29.4B
	M6/8	57	2056	29.4B
FEEDER STATUS STAN ZASILACZA	M6/8	58	2057	29.6B
	M6/8	59	2058	29.6B
FEEDER STATUS STAN ZASILACZA	M6/8	60	2059	29.6B
	M6/8	61	2060	29.8B
FEEDER STATUS STAN ZASILACZA	M6/8	62	2061	29.8B
	M6/8	63	2062	29.8B
FEEDER STATUS STAN ZASILACZA	M6/8	64	2063	29.10B
	M6/8	65	2064	29.10B
FEEDER STATUS STAN ZASILACZA	M6/8	66	2065	29.10B
	M6/8	67	2066	29.12B
FEEDER STATUS STAN ZASILACZA	M6/8	68	2067	29.12B
	M6/8	69	2068	29.13B
FEEDER STATUS STAN ZASILACZA	M6/8	70	2069	29.14B
	M6/8	71	2070	29.15B
FEEDER STATUS STAN ZASILACZA	M6/8	72	2071	29.15B
	M6/8	73	2072	30.4B
FEEDER STATUS STAN ZASILACZA	M6/8	74	2073	30.4B
	M6/8	75	2074	30.4B
FEEDER STATUS STAN ZASILACZA	M6/8	76	2075	30.6B
	M6/8	77	2076	30.6B
FEEDER STATUS STAN ZASILACZA	M6/8	78	2077	30.7B
	M6/8	79	2078	30.8B
FEEDER STATUS STAN ZASILACZA	M6/8	80	2079	30.8B
	M6/8	81	2080	30.8B
FEEDER STATUS STAN ZASILACZA	M6/8	82	2081	30.10B
	M6/8	83	2082	30.10B
FEEDER STATUS STAN ZASILACZA	M6/8	84	2083	30.11B
	M6/8	85	2084	30.12B
FEEDER STATUS STAN ZASILACZA	M6/8	86	2085	30.13B
	M6/8	87	2086	30.13B
FEEDER STATUS STAN ZASILACZA	M6/8	88	2087	30.14B
	M6/8	89	2088	30.15B

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR	 100/14 dtd 03/11/14	DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 04/12/14	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : A	FG. SHEET 42	DI FG. DF SH. 69	
		400Vac 3Ph/220Vdc/400Vac 3Ph DISTRIBUTION TERMINAL BOARDS DYSTRYBUCCJA LISTWY ZACISKOWE	MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15	01 FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	02/03/15	DISEGNATORE : DRAWN BY : MF						

DISTRIBUTION DYSTRYBUCJA XDA				
	Description OPIS	NumM	NumI	Fg.Cat
	M6/8	90	2089	30.15B
	M6/8	91	2090	31.4B
FEEDER STATUS STAN ZASILACZA	M6/8	92	2091	31.4B
	M6/8	93	2092	31.4B
FEEDER STATUS STAN ZASILACZA	M6/8	94	2093	31.6B
	M6/8	95	2094	31.6B
	M6/8	96	2095	31.6B
FEEDER STATUS STAN ZASILACZA	M6/8	97	2096	31.8B
	M6/8	98	2097	31.8B
	M6/8	99	2098	31.8B
FEEDER STATUS STAN ZASILACZA	M6/8	100	2099	31.10B
	M6/8	101	2100	31.10B
	M6/8	102	2101	31.10B
FEEDER STATUS STAN ZASILACZA	M6/8	103	2102	31.12B
	M6/8	104	2103	31.12B
	M6/8	105	2104	31.12B
FEEDER STATUS STAN ZASILACZA	M6/8	106	2105	31.14B
	M6/8	107	2106	31.14B
	M6/8	108	2107	31.15B
FEEDER STATUS STAN ZASILACZA	M6/8	109	2108	32.4B
	M6/8	110	2109	32.4B
	M6/8	111	2110	32.4B
FEEDER STATUS STAN ZASILACZA	M6/8	112	2111	32.6B
	M6/8	113	2112	32.6B
	M6/8	114	2113	32.6B
FEEDER STATUS STAN ZASILACZA	M6/8	115	2114	32.8B
	M6/8	116	2115	32.8B
	M6/8	117	2116	32.8B
FEEDER STATUS STAN ZASILACZA	M6/8	118	2117	32.10B
	M6/8	119	2118	32.10B
	M6/8	120	2119	32.10B
FEEDER STATUS STAN ZASILACZA	M6/8	121	2120	32.12B
	M6/8	122	2121	32.12B
	M6/8	123	2122	32.12B
FEEDER STATUS STAN ZASILACZA	M6/8	124	2123	32.14B
	M6/8	125	2124	32.14B
	M6/8	126	2125	32.15B
FEEDER STATUS STAN ZASILACZA	M6/8	127	2126	33.4B
	M6/8	128	2127	33.4B
	M6/8	129	2128	33.4B
FEEDER STATUS STAN ZASILACZA	M6/8	130	2129	33.6B
	M6/8	131	2130	33.6B
	M6/8	132	2131	33.7B
FEEDER STATUS STAN ZASILACZA	M6/8	133	2133	33.8B
	M6/8	134	2134	33.9B

DISTRIBUTION DYSTRYBUCJA XDA				
	Description OPIS	NumM	NumI	Fg.Cat
	M6/8	135	2134	33.9B
	M6/8	136	2135	33.10B
FEEDER STATUS STAN ZASILACZA	M6/8	137	2136	33.11B
	M6/8	138	2137	33.11B
FEEDER STATUS STAN ZASILACZA	M6/8	139	2138	33.12B
	M6/8	140	2139	33.12B
	M6/8	141	2140	33.13B
FEEDER STATUS STAN ZASILACZA	M6/8	142	2141	33.14B
	M6/8	143	2142	33.15B
	M6/8	144	2143	33.15B
FEEDER STATUS STAN ZASILACZA	M6/8	145	2144	34.4B
	M6/8	146	2145	34.4B
	M6/8	147	2146	34.4B
FEEDER STATUS STAN ZASILACZA	M6/8	148	2147	34.6B
	M6/8	149	2148	34.6B
	M6/8	150	2149	34.7B
FEEDER STATUS STAN ZASILACZA	M6/8	151	2150	34.8B
	M6/8	152	2151	34.8B
	M6/8	153	2152	34.9B
FEEDER STATUS STAN ZASILACZA	M6/8	154	2153	34.11B
	M6/8	155	2154	34.11B
	M6/8	156	2155	34.11B

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR	 100/14 dtd 03/11/14	DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 19-11-14	DATA DATE 04/12/14	DIS. N. DRAW. N. 10168EKEY404	 SCALA : SCALE :	FG. SHEET 43	DI FG. OF SH. 69	
		400Vac 3Ph/220Vdc/400Vac 3Ph DISTRIBUTION TERMINAL BOARDS DYSTRYBUCJA LISTWY ZACISKOWE	MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15	01 FOR CONSTRUCTION DO KONSTRUKCJI 02 AS BUILT POWYKONAWCZY	DIS. N. DRAW. N. 10168EKEY404	CAT. A	DISEGNATORE : DRAWN BY : MF					

DISTRIBUTION
DYSTRYBUCCJA
XDD




Utenza Użytkownik	Descrizione OPIS	NumM	NumI	Fg.Cat
FROM UPS 1 OUTPUT OD WYJŚCIA 1 UPS	T-T 120	1	124	25.1B
	T-T 120	2	124	25.1C
	T-T 120	3	122	25.1C
	T-T 120	4	122	25.1C
FROM UPS 2 OUTPUT OD WYJŚCIA 2 UPS	T-T 120	5	124	25.1C
	T-T 120	6	124	25.1C
	T-T 120	7	122	25.1C
	T-T 120	8	220	25.1C

DISTRIBUTION
DYSTRYBUCCJA
XHS




Utenza Użytkownik	Descrizione OPIS	NumM	NumI	Fg.Cat
230V AC 1Ph EXTERNAL POWER SUPPLY (IN) 230V AC 1Ph ZASILANIE ZEWNĘTRZNE (WEJ)	M6/8	5	1012	35.10D
	M6/8	6	1013	35.10D
230V AC 1Ph EXTERNAL POWER SUPPLY (OUT) 230V AC 1Ph ZASILANIE ZEWNĘTRZNE (WYJ)	M6/8	7	1012	35.10D
	M6/8	8	1013	35.10D

DISTRIBUTION
DYSTRYBUCCJA
XA




Utenza Użytkownik	Descrizione OPIS	NumM	NumI	Fg.Cat
DISTRIBUTION MIN VOLTAGE MIN NAPIĘCIE DYSTRYBUCCJI	M16/12	15	518	25.9B
	M16/12	16	519	25.9B
	M16/12	17	520	25.9B
DISTRIBUTION MAX VOLTAGE MAKS NAPIĘCIE DYSTRYBUCCJI	M16/12	18	521	25.11B
	M16/12	19	522	25.11B
	M16/12	20	523	25.11B
QID STATUS QID STAN	M16/12	21	524	25.4C
	M16/12	22	525	25.4D
	M16/12	23	526	25.4D

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR	 100/14 dtd 03/11/14	DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph DISTRIBUTION DYSTRYBUCCJA	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	 SCALA : SCALE :	CAT. A	FG. SHEET 44	DI FG. OF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 FOR CONSTRUCTION DO KONSTRUKCJI	14/01/15	02 AS BUILT POWYKONAWCZY	02/03/15	DISEGNATORE : DRAWN BY : MF					




Pos.	DWG REF.	ODN. RYS.	CODE	KOD	DESCRIPTION	OPIS	Q.TY	SUPPLIER CODE	KOD DOSTAWCY	BRAND	MARKA	Note	Uwaga
			JCB143229-B				0						
1			JCB143229-B1		DUAL AC UPS E3001.E 100KVA	PODWÓJNY AC UPS E3001E 100KVA	1						
2			.KCE01CDL14007001		E-NUX 080X080X210 RAL7035 OP 090U STD		2	ENUX082008PRSPECDL14007		ETA			
3			.KCE01CDG08031002		E-NUX 100X080X210 RAL7035 OP 090U STD		2	KCE01CDG08031002		OEM			
								ENUX102008PRSPECDG08031		ETA			
4			.KCE01CDL14008001		E-NUX 080X080X210 RAL7035 OP 090U STD		1	ENUX082008PRSPECDL14008		ETA			
5			.BAMD547794		EARTH COPPER BAR FOR CABINET W=800 (C)	MIEDZIANA SZYNA UZIEMIĄJĄCA DO SZAFY W=800 (C)	3	BAMD547794		OEM			
								BAMD547794					
								BAMD547794		PROMID			
6			.BAMD547795		EARTH COPPER BAR FOR CABINET W=1000 (C)	MIEDZIANA SZYNA UZIEMIĄJĄCA DO SZAFY W=1000 (C)	2	BAMD547795		OEM			
								BAMD547795					
								BAMD547795		PROMID			
7			.BAMD547832		UNION EARTH BAR (A)	SZYNA UZIEMIĄJĄCA ŁĄCZĄCA (A)	4	BAMD547832		OEM			
								BAMD547832					
								BAMD547832		PROMID			
8			.KZMD547914		EARTH BAR STIRRUP	STRZEMIEĆ SZYNY UZIEMIĄJĄCEJ	10	JUD309350		SITEC			
9			.KZMD547767		CABLES SUPPORT FOR CABINET W=800	WSPORNIK KABLI DO SZAFY W=800	3	KZMD547767		OEM			
								KZMD547767					
								MD547767		PROMID			
								F727.33617GG0		UF LAMIERE			
10			.KZMD547768		CABLES SUPPORT FOR CABINET W=1000	WSPORNIK KABLI DO SZAFY W=1000	2	KZMD547768		OEM			
								MD547768		PROMID			
								F727.33618GG0		UF LAMIERE			
11			.KC0808GA-003		IP4X GRID FOR CABINET L800 P800	IP4X SIATKA DO SZAFY L800 P800	3						
								KC0808GA-003		OEM			
12			..KZMD547102		IP40 GRID FOR IS2 L=800MM DOOR (C)	IP40 SIATKA DO IS2 L=800MM DACH (C)	9	KZMD547102		OEM			
								KZMD547102					
								KZMD547102		PROMID			
13			..KZMD547103		IP4X GRID FOR 800X800MM ROOF	IP4X SIATKA DO 800X800MM DACH	3	KZMD547103		OEM			
								KZMD547103					
								MD547103		PROMID			
14			.KC1008GA-003		IP4X GRID FOR CABINET L1000 P800	IP4X SIATKA DO SZAFY L1000 P800	2						
								KC1008GA-003		OEM			
15			..KZMD547104		IP40 GRID FOR IS2 L=1000MM DOOR (C)	IP40 SIATKA DO IS2 L=1000MM DACH (C)	6	KZMD547104		OEM			
								KZMD547104					
								KZMD547104		PROMID			
16			..KZMD547105		IP40 GRID FOR IS2 1000X800MM ROOF (B)	IP40 SIATKA DO IS2 1000X800MM DACH (B)	2	KZMD547105		OEM			
								KZMD547105					
								KZMD547105		PROMID			
17			.KVMD547A33		ROOF ETA L800 P800 RAL7012 IPX2	DACH ETA L800 P800 RAL7012 IPX2	3	KVMD547A33		OEM			
								JUD312194		SITEC			
18			.KVMD547A34		ROOF ETA L1000 P800 RAL7012 IPX2	DACH ETA L1000 P800 RAL7012 IPX2	2	KVMD547A34		OEM			
								JUD312195		SITEC			
								JUD312195					
19			.TOMD547021		TURRET M12 ROOF RISE IPX1 (D)	WIEŻYCZKA M12 PODN.DACH IPX1 (D)	20	TOMD547021		OEM			
								TOMD547021		CBR			
								MD547021					
								TOMD547021		ICM TORNERIA CASENT.			
								JUD307343_B					
										OEM			
20			.KZMD547405		IS2 H2100 D800 SEGREGATION SCREEN (C)	IS2 H2100 D800 EKRAN SEGREGACJI (C)	4	KZMD547405		OEM			
								KZMD547405					
								KZMD547405		PROMID			
								JUD307680_B					
								LH2716					
21			.KZMD547539		FIXING PLATE FOR IS2 CABINET (B)	PLYTA MOCUJĄCA DO SZAFY IS2 (B)	24	KZMD547539		OEM			
								KZMD547539					

CLIENTE CUSTOMER KLIENT			DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca	EMESSE ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE	DIS. N DRAW. N	 SCALA : SCALE :	FG. SHEET	DI FG. OF SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR			100/14 dtd 03/11/14	400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		JCB143229	Freschi	19-11-14	00	FIRST ISSUE AS PER COMMENTS WZTAWSZY POD UWAGE	19-11-14	04/12/14	10168EKEY404	CAT. A	45	
ORDER N. ZAMÓWIENIE NR		100/14 dtd 03/11/14	ZESTAWIENIE MATERIAŁÓW		L14-002	Conti	01	02	FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	14/01/15	02/03/15	DISEGNATORE : MF DRAWN BY :				




1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pos.	DWG REF.	ODN. RYS.	CODE	KOD	DESCRIPTION	OPIS	Q.TY	SUPPLIER CODE	KOD DOSTAWCY	BRAND	MARKA	Note	Uwaga		
								KZMD547539		PROMID					
								JUD307682_C							
								LH2718							
22			.KCE01L2008-001		N.2 LATERAL KIT P=800 H=2000 E-NUX	N.2 ZESTAW BOCZNY P=800 H=2000 E-NUX	1	KCE01L2008-001		OEM					
								EUF1080200RAL7035		ETA					
23			.PKCC063-A		PALLET 1900X1100 ISPM15 DIM INT	PALETA 1900X1100 ISPM15 WYM WEW	2	PKCC063-A		OEM					
								P00556/232H		SCART					
24			.PKCC063-B		CARTON BOX+SPRINGS 1900X1100X2120 (INT.)	PUDEŁKO+SPRĘŻYNY 1900X1100X2120 (WEW)	2	PKCC063-B		OEM					
								CMC00556/229		SCART					
25			.PKAB063-L		INTERNAL BAG 2100X1350X2350	TORBA WEWNĘTRZNA 2100X1350X2350	2	PKAB063-L		OEM					
								PKAB063-L		COCOON					
								SB00070/349		SCART					
26			.PKCC060-A		PALLET 1000X1100 ISPM15 DIM INT	PALETA 1000X1100 ISPM15 WYM WEW	1	PKCC060-A		OEM					
								P00556/264T		SCART					
27			.PKCC060-B		CARTON BOX+SPRINGS 1000X1110X2120 (INT.)	PUDEŁKO+SPRĘŻYNY 1000X1110X2120 (WEW)	1	PKCC060-B		OEM					
								CMC00556/271		SCART					
28			.PKAB060-L		INTERNAL BAG 1200X1350X2350	TORBA WEWNĘTRZNA 1200X1350X2350	1	PKAB060-L		OEM					
								PKAB060-L		COCOON					
								SB00070/351		SCART					
29			.KCIMBALLO001		PACKING KIT	ZESTAW OPAKOWANIA	3								
								KCIMBALLO001		OEM					
30			..PKACC001		UPSET INDICATOR TILTWATCH O	WSKAŹNIK ZAKŁÓCEŃ KONTROLER PRZECHYLENIA	3	PKACC001		OEM					
								TILTWATCH							
31			..PKACC001		UPSET INDICATOR TILTWATCH O	WSKAŹNIK ZAKŁÓCEŃ KONTROLER PRZECHYLENIA	3	PKACC001		OEM					
								TILTWATCH							
32			..PKACC002		SHOCK-WATCH INDICATOR RED L-47	SHOCK-WATCH CZERWONY WSKAŹNIK L-47	3	PKACC002		OEM					
								L-47							
33			..PKACC002		SHOCK-WATCH INDICATOR RED L-47	SHOCK-WATCH CZERWONY WSKAŹNIK L-47	3	PKACC002		OEM					
								L-47							
34			.PKSALI		HYGROSCOPIC SALT	SÓL HIGROSKOPIJNA	5	PKSALI		OEM					
								MSA1UD		COCOON					
								.		SCART					
								400001FA4P000		PROPACK					
35	Z1		.PB273		PB EMIF-H_DER		1	PB273		OEM					
36	QG		.IS30630A006		SWITCH 3P 630A OT630E03	PRZEŁĄCZNIK 3P 630A OT630E03	1	IS30630A006		OEM					
								EO 615 8 - OT630E03		ABB					
37	"		.BAMD547482		OT630-800 BAR (C)		6	BAMD547482		OEM					
								BAMD547482							
								BAMD547482		PROMID					
38	"		.ICAUX003		N.O. AUXILIARY CONTACT	N.O. STYK POMOCNICZY	1	ICAUX003		OEM					
								EO 0011 - OA1G10		ABB					
39	"		.ICAUX035		SWITCH AUX. CONT. B.C. OT200	PRZEŁĄCZNIK STYK. POM. B.C. OT200	1	ICAUX035		OEM					
								EO 1613 - OA3G01		ABB					
40	"		.IC-OHB175J12		BLACK HANDLE 175MM	OHB175J12 CZARNY UCHWYT 175MM	1	IC-OHB175J12		OEM					
								EO 080 5		ABB					
41	"		.IC-OXP12X250		TREE 250MM	DRZEWO 250MM	1	x		OEM					
								IC-OXP12X250		OEM					
								KX 082 7		ABB					
								?							
42	3TV		.PB-FS1383		CARD 3TV	KARTA 3TV	1	PB-FS1383		OEM					
								3TV		OEM					
43	CV		.IM2P4S001		CHANGE OVER 2WAY 4POS	PRZEŁĄCZNIKI 2DROŻ 4POZ	1	IM2P4S001		OEM					
								CA10-C38770/E		COMAREL					
								GX1667U		LOVATO					
								GX1667U51		LOVATO					

CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JC143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N. DRAW. N. 10168EKEY404	 SCALA : SCALE :	FG. SHEET 46	DI FG. OF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14			BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 02	AS PER COMMENTS WZIASZY POD UWAGE FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	04/12/14 14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF	CAT. A				



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pos.	DWG REF.	ODN. RYS.	CODE	KOD	DESCRIPTION	OPIS	Q.TY	SUPPLIER CODE	KOD DOSTAWCY	BRAND	MARKA	Note	Uwaga		
								TP-001000701E1N1		TELERGON					
44	VR		.MI500VAA001		VOLTMETER 72X72 500/100VAC 90°	WOLTMIERZA 72X72 500/100VAC 90°	1	MI500VAA001		OEM					
								F72EVX500XCO							
								ERI72 500/100VAC		REVALCO					
								EQ72E/500VAAC001		UNIDATA					
								RIF. FASE: 72-C		FASE					
45	CA		.IM4P4S002		CHANGE OVER 4WAY 4POS	PRZEŁĄCZNIKI 4DRÓŻ 4POZ	1	IM4P4S002		OEM					
								GX1698U		LOVATO					
								GX1698U51		LOVATO					
								TP-001000731E1N1		TELERGON					
46	AR		.MI500AAA003		AMMETER 72X72 500/5A 90°	AMPEROMIERZA 72X72 500/5A 90°	1	MI500AAA003		OEM					
								F72EAX500X05							
								ERI72 500A/5A		REVALCO					
47	TR-TS-TT		.TA500/005A		CURRENT TRANSFORMER 500/5A	PRZEKŁADNIK PRĄDOWY 100/5A	3	TA500/005A		OEM					
								TAC040500X05		FRER					
								TAM4D500A							
								TAM4D 500A		REVALCO					
										UNIDATA					
								TA-40		FASE					
48	X01		.MOR300BB		300MMQ BAR TO BAR POWER TERMINAL	300MMQ SZYNA DO KOŃCÓWKI ZACISKOWEJ MOCY	3	MOR300BB		OEM					
								EN019000524		ENTRELEC					
								019000524							
49	"		.MORACC009		IP20 COVER FOR MOR185BB/MOR300BB	IP20 POKRYWA DO MOR185BB/MOR300BB	6	MORACC009		OEM					
								EN019001921		ENTRELEC					
								019001921							
50	ELCB		.IA30200A009		MCCB XT3S250 TMD 200-2000A 3P F F		1	IA30200A009		OEM					
								XT3S200TMD3 - 1SDA068220R1		ABB					
51	"		.ICAUX092		AUX CONT WIRED 3Q+1SY XT2...XT4	STYK POMOCNICZY WIRED 3Q+1SY XT2...XT4	1	ICAUX092		OEM					
								1SDA066434R1		ABB					
52	"		.KZMD547895		PLATE FOR CIRC.BREAK.PLATE XT3 3P ABB(A)	PLYTA DO WYŁ.OBW. PLYTA XT3 3P ABB(A)	1	KZMD547895		OEM					
								MD547895		PROMID					
										PROMID					
53	TRE		.TBG02314		TRANSF 3PH 100KVA 400/400V 50HZ DYN11	TRANSFORMATOR 3PH 100KVA 400/400V 50HZ DYN11	1	TBG02314		OEM					
								TBG02314		ORTEA					
54	"		.SUPAMM008		ANTIVIBRATION DEVICE D50XH40 M10X25	URZĄDZENIE PRZECIWWIBRACYJNE D50XH40 M10X25	4	SUPAMM008		OEM					
								SUPAMM008							
								FI76VU05040M10		CBR					
55	QHS		.IA2C010A007		MCB 2P C 10A S202		1	IA2C010A007		OEM					
								S465700 - S202 C10		ABB					
56	TH		.TE10/080C		THERMOSTAT- 10-80C° NC	TERMOSTAT 10-80C° NC	1	TE10/080C		OEM					
								TRT-10A230V-NCK25		FANDIS					
57	RHS1-5		.RH150W220V		RES.ANTI-HEATHER 150W 220V	RES.PRZECIWRZĄTKI 150W 220V	5	RH150W220V		OEM					
								RAC-150		FANDIS					
58	DS1-5		.APVA031		MICRO SWITCH 1 CHANGEOVER CONTACT 5A 0	MIKRO PRZEŁĄCZNIK 1 STYK ZMIANY 5A 0	5	MK-H11D09		PIZZATO					
								AM1307		PANASONIC					
59	"		.KZMDG07064		STIRRUP FOR SWITCH CLOSING CABIN.DOOR(A)	STRZEMIĘ DO PRZEŁĄCZ. ZAMYK. SZAFY.URZWIKA	5	MDG07064		PROMID					
60	HL1-5		.APLA230V006		LAMP ACC IST 8W 2700K	LAMPA ACC IST 8W 2700K	5	APLA230V006		OEM					
								LNK.8.WW/021296							
61	"		.KZMD547919		SUPPORT	WSPORNIK	5	KZMD547919		OEM					
								JUD312040		PROMID					
62	K1		.RLK4S230A001		CR-M 4 CONTACT RELAY 230VAC	CR-M 4 PRZEKAŹNIK STYKOWY 125VDC	1								
63			.RL4S230A001		RELAY 4 CONTACT 230VAC	PRZEKAŹNIK 4 STYKI 230VAC	1	RL4S230A001		OEM					
								ER 582 7		ABB					
								FINDER 553482300040							
										FINDER					
64			.RLZ001-A		CR-M4LS SOCKET FOR 4 C/O (CR-M)	CR-M4LS GNIAZDO DO 4 C/O (CR-M)	1	RLZ001-A		OEM					

CLIENTE CUSTOMER KLIENT			DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca	EMESSE ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS		CONTR. CHECKED	DATA DATE	DIS. N DRAW. N	 SCALA : SCALE :	FG. SHEET	DI FG. OF SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR			400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		JCB143229	Freschi	19-11-14	00	FIRST ISSUE		19-11-14	04/12/14	10168EKEY404	CAT. A	47	69	
100/14 dtd 03/11/14				MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	01	AS PER COMMENTS WZIĄSZY POD UWAGĘ		14/01/15	02/03/15	DISEGNATORE : MF DRAWN BY :					



Pos.	DWG REF.	ODN. RYS.	CODE	KOD	DESCRIPTION	OPIS	Q.TY	SUPPLIER CODE	KOD DOSTAWCY	BRAND	MARKA	Note	Uwaga
								ER 605 6		ABB			
65			..RLZ001-B		CR-MH RELAY CR-M LOCK	CR-MH PRZEKAŹNIK BLOKADA CR-M	1	RLZ001-B		OEM			
								ER 609 8		ABB			
66			..KC08PA-005		CIRCUIT BREAKER PLATE KIT	ZEST. PŁYTY WYŁĄCZ.DBWOD.	2	KC08PA-005		OEM			
67			..KZMD54.7180		CIRC. BREAKERS PLATE CABINET L=800MM (E)	PL. WYŁ.OBW. SZAFY L=800MM (E)	2	KZMD54.7180		OEM			
								KZMD54.7180					
								KZMD54.7180		PROMID			
								JUD307943-E					
								16077		UF LAMIERE			
								N_LH3141					
68			..KZMD54.7484		SUPP.CIRC.BREAKER PLATE H500+AUX PLATE	PŁYTA WYŁ.OBW. ZASIL. H500+PŁYTA POMOC.	4	KZMD54.7484		OEM			
								KZMD54.7484					
								KZMD54.7484		PROMID			
								JUD308622_B					
								F727.19802GG0		UF LAMIERE			
								N_LH3503					
69			..KC08MP-004		MECHANICAL PARTS FOR UPS RECT. L=800	CZĘŚCI MECHANICZNE DO PRDS. UPS L=800	2	KC08MP-004		OEM			
70			..KVMD54.7217		A3 DOCUMENT POCKET - IS2 L=800 (B)	A3 KIESZEŃ NA DOKUM IS2 L=800 (B)	2	KVMD54.7217		OEM			
								KVMD54.7217					
								KVMD54.7217		PROMID			
								JUD308147_A					
								N_LH3238					
71			..KZMD54.7012		DEPTH MECHANICAL SUPPORT L=800MM (D)	MECHANICZNY WSPORNIK GŁĘB. L=800MM (D)	8	KZMD54.7012		OEM			
								MD54.7012					
								KZMD54.7012		PROMID			
								JUD307334_D					
								F727.19806GG0		UF LAMIERE			
								N_LH3000					
72			..KZMD54.7624		BACK PLATE L=800 H=200 AC-UPS (C)	PŁYTA TYLNA L=800 H=200 AC-UPS (C)	2	KZMD54.7624		OEM			
								KZMD54.7624					
								KZMD54.7624		PROMID			
								JUD308850_B					
								N_LH3607					
73			..KZMD54.7059		CAPACITORS SUPPORT IS2 L=800MM (D)	WSPORNIK KONDENSATORA IS2 L=800MM (D)	4	KZMD54.7059		OEM			
								KZMD54.7059					
								KZMD54.7059		PROMID			
								JUD307424_D					
								F727.33609GG0		UF LAMIERE			
								N_LH3018					
74			..KZMD54.7062		TRANSFORMER SUPP.IS2 L=800MM CABINET (C)	TRANSFORMATORA SUPP.IS2 L=800MM CABINET (C)	4	KZMD54.7062		OEM			
								KZMD54.7062					
								KZMD54.7062		PROMID			
								JUD307428_C					
								F727.33610GG0		UF LAMIERE			
								N_LH3021					
75			..KZMD54.7752		CIRC.BREAKERS SUPPORT 800X150	WSPORNIK WYŁ.OBW. 800X150	2	KZMD54.7752		OEM			
								KZMD54.7752					
								KZMD54.7752		PROMID			
								JUD307329_F					
								N_LH3023					
								KZMD54.7752		ETA			
76			..KZMD54.7010		BREAKER/TERMINALS PLATE FIX.SUPP (B)	WYŁĄCZNIK /STAŁY WSPOR.PŁYTY ZACISKOWEJ (B)	4	KZMD54.7010		OEM			
								KZMD54.7010					
								KZMD54.7010		PROMID			
								JUD307332_B					
								F727.19805GG0		UF LAMIERE			
								N_LH3007					

CLIENTE CUSTOMER KLIENT			DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca	EMESSE ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS		CONTR. CHECKED	DATA DATE	DIS. N DRAW. N	 SCALA : SCALE :	FG. SHEET	DI FG. OF SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR			400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		JCBI43229	Freschi	19-11-14	00	FIRST ISSUE		19-11-14	04/12/14	10168EKEY404	CAT. A	48	69	
100/14 dtd 03/11/14				MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	01	AS PER COMMENTS WZTAWSZY POD UWAGE		14/01/15	DISEGNATORE : DRAWN BY : MF						
				L14-002	Conti		02	FOR CONSTRUCTION DO KONSTRUKCJI		02/03/15							



Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
77		..KZMD547063	UPPER PROTECTION IS2 L=800MM RECT. (H) OCHRONA GÓRNA IS2 L=800MM PROS. (H)	2	KZMD547063	OEM	
					KZMD547063		
					KZMD547063_H	PROMID	
					JUD307437_F		
					F727.33611GG0	UF LAMIERE	
78		..KZMD547064	IP20 LOWER PROTECTION L=800MM X RECT.(F) IP20 DOLNY OCHRONA L=800MM X RECT.(F)	2	KZMD547064	OEM	
					KZMD547064		
					MD547064_F	PROMID	
					JUD307438_D		
79		..KZMD547065	PLATE FOR AUX. DEVICE L=800MM IS2 PLYTA DO URZ. POMOCNICZ. L=800MM IS2	2	KZMD547065	OEM	
					MD547065	SITEC	
					KZMD547065	PROMID	
					JUD307515_D		
					F727.33612GG0	UF LAMIERE	
					N_LH3136		
80		..KZMD284034	SUPPORT FOR RACK RTB (E) WSPORNIK DO WSPORNIKA RTB (E)	2	KZMD284034	OEM	
					KZMD284034		
					KZMD284034	PROMID	
					JUD307484_D		
					N_LH3049		
81		..KC0808GA-003	IP4X GRID FOR CABINET L800 P800 IP4X SIATKA DO SZAFY L800 P800	3			
					KC0808GA-003	OEM	
82		..KZMD547102	IP40 GRID FOR IS2 L=800MM DOOR (C) IP40 SIATKA DO IS2 L=800MM DACH (C)	9	KZMD547102	OEM	
					KZMD547102		
					KZMD547102	PROMID	
83		..KZMD547103	IP4X GRID FOR 800X800MM ROOF IP4X SIATKA DO 800X800MM DACH	3	KZMD547103	OEM	
					KZMD547103		
					MD547103	PROMID	
84		..KC10PA-003	CIRCUIT BREAKER PLATE KIT ZEST. PŁYTY WYŁĄCZ.OBWOŁ.	2	KC10PA-003	OEM	
85		..KZMD547183	CIRC.BREAK. PLATE L=1000MM CABINET (E) PŁYTA WYŁ.OBW. L=1000MM SZAFY (E)	2	KZMD547183	OEM	
					KZMD547183		
					KZMD547183	PROMID	
					JUD307939-G		
					N_LH3138		
86		..KZMD547485	SUP CIRC.BREAK.PLATE H550 + AUX PLATE PŁYTA WYŁ.OBW. ZASIL. H550 + PŁYTA POMOC.	4	KZMD547485	OEM	
					KZMD547485	SITEC	
					KZMD547485	PROMID	
					JUD308623		
					N_LH3504		
87		..KC10MP-003	MECHANICAL PARTS FOR UPS INV. L=1000 CZĘŚCI MECHANICZNE DO FAL. UPS L=1000	2	KC10MP-003	OEM	
88		..KZMD547012	DEPTH MECHANICAL SUPPORT L=800MM (D) MECHANICZNY WSPORNIK GŁĘB. L=800MM (D)	4	KZMD547012	OEM	
					MD547012		
					KZMD547012	PROMID	
					JUD307334_D		
					F727.19806GG0	UF LAMIERE	
					N_LH3000		
89		..KZMD547069	TRANSF. SUPPORT IS2 L=1000MM CABINET (C) TRANSF. WSPORNIK IS2 L=1000MM SZAFY (C)	4	KZMD547069	OEM	
					KZMD547069		
					KZMD547069	PROMID	
					JUD307429_B		
					F727.33613GG0	UF LAMIERE	
					N_LH3031		
90		..KZMD547531	BACK PLATE 1000X300 CABINET IS2 L1000(D) PŁYTA TYLNA 1000X300 SZAFY IS2 L1000(D)	2	KZMD547531	OEM	
					KZMD547531	PROMID	
91		..KZMD547754	CIRC.BREAKERS SUPPORT 1000X150 WSPORNIK WYŁ.OBW. 1000X150	2	KZMD547754	OEM	
					KZMD547754		

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 49	DI FG. OF SH. 69	
		400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 02	AS PER COMMENTS WZTAWSZY POD UWAGE FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	04/12/14 14/01/15 02/03/15	DISEGNATORE : MF DRAWN BY :					



Pos.	DWG REF.	ODN. RYS.	CODE	KOD	DESCRIPTION	OPIS	Q.TY	SUPPLIER CODE	KOD DOSTAWCY	BRAND	MARKA	Note	Uwaga
								KZMD547754		PROMID			
								JUD307330_F					
								N_LH3032					
92			..KZMD54.7010		BREAKER/TERMINALS PLATE FIX.SUPP (B)	WYŁĄCZNIK /STAŁY WSPOR.PŁYTY ZACISKOWEJ (B)	4	KZMD54.7010		ETA			
								KZMD54.7010		OEM			
								KZMD54.7010		PROMID			
								JUD307332_B					
								F727.19805GG0		UF LAMIERE			
								N_LH3007					
93			..KZMD54.7071		IP20 LOWER PROT.FOR L=1000MM CABINET (G)	IP20 OCHRNIĘZSA DO L=1000 MM SZAFKA (G)	2	KZMD54.7071		OEM			
								KZMD54.7071					
								KZMD54.7071_G		PROMID			
								JUD307440_E					
94			..KZMD54.7489		PROTECT. PLATE-LOGIC PLATE IS2 L1000 (C)	OCHR. PŁYTA-PŁYTA LOGIKI IS2 L1000 (C)	2	KZMD54.7489		OEM			
								KZMD54.7489					
								KZMD54.7489		PROMID			
								JUD308625_C					
95			..KZMD54.7467		LOGIC SUPPORT FOR PLATE L=1000 (D)	LOGIKA WSPORNIK DO PŁYTY L=1000 (D)	2	KZMD54.7467		OEM			
								KZMD54.7467		PROMID			
								JUD308575_D					
96			..KZMD54.7130		LOGIC SUPPORT W=800MM	WSPORNIK LOGIKI W=800MM	2	KZMD54.7130		OEM			
								KZMD54.7130					
								MD54.7130		PROMID			
								JUD307744-H					
								N_LH3466					
97			..KZMD54.7191		CAPACITORS SUPPORT FOR IS2 CABINET (A)	WSPORNIK KONDENSATORÓW DO SZAFY IS2 (A)	2	JUD307792					
								KZMD54.7191		OEM			
								KZMD54.7191		PROMID			
98			..KC1008GA-003		IP4X GRID FOR CABINET L1000 P800	IP4X SIATKA DO SZAFY L1000 P800	2						
								KC1008GA-003		OEM			
99			..KZMD54.7104		IP40 GRID FOR IS2 L=1000MM DOOR (C)	IP40 SIATKA DO IS2 L=1000MM DACH (C)	6	KZMD54.7104		OEM			
								KZMD54.7104					
								KZMD54.7104		PROMID			
100			..KZMD54.7105		IP40 GRID FOR IS2 1000X800MM ROOF (B)	IP40 SIATKA DO IS2 1000X800MM DACH (B)	12	KZMD54.7105		OEM			
								KZMD54.7105					
								KZMD54.7105		PROMID			
101			..KZMD54.7012		DEPTH MECHANICAL SUPPORT L=800MM (D)	MECHANICZNY WSPORNIK GŁĘB. L=800MM (D)	4	KZMD54.7012		OEM			
								MD54.7012					
								KZMD54.7012		PROMID			
								JUD307334_D					
								F727.19806GG0		UF LAMIERE			
								N_LH3000					
102			..KZMD54.7484		SUPP.CIRC.BREAKER PLATE H500+AUX PLATE	PŁYTA WYL.OBW. ZASIL. H500+PŁYTA POMOC.	2	KZMD54.7484		OEM			
								KZMD54.7484					
								KZMD54.7484		PROMID			
								JUD308622_B					
								F727.19802GG0		UF LAMIERE			
								N_LH3503					
103			..KVMD54.7218		A3 DOCUMENT POCKET X IS2 L:1000 (B)	A3 KIESZEŃ NA DOKUM. X IS2 L:1000 (B)	1	KVMD54.7218		OEM			
								KVMD54.7218					
								KVMD54.7218		PROMID			
								JUD308148_A					
104			..KZMD54.7062		TRANSFORMER SUPP.IS2 L=800MM CABINET (C)	TRANSFORMATOR WSPORNIK IS2 L= 800MM SZAFKA	2	KZMD54.7062		OEM			
								KZMD54.7062					
								KZMD54.7062		PROMID			
								JUD307428_C					

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 00	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 50	DI FG. OF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15	01 FOR CONSTRUCTION DO KONSTRUKCJI	02 AS BUILT POWYKONAWCZY	14/01/15	02/03/15	DISEGNATORE : DRAWN BY : MF				




Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
					F727.33610GG0	UF LAMIERE	
					N_LH3021		
105		.KZMD547752	CIRC.BREAKERS SUPPORT 800X150 WSPORNIK WYL.OBW. 800X150	2	KZMD547752	OEM	
					KZMD547752		
					KZMD547752	PROMID	
					JUD307329_F		
					N_LH3023		
					KZMD547752	ETA	
106		.KZMD547010	BREAKER/TERMINALS PLATE FIX.SUPP (B) WYŁĄCZNIK /STAŁY WSPOR.PLYTY ZACISKOWEJ (B)	4	KZMD547010	OEM	
					KZMD547010		
					KZMD547010	PROMID	
					JUD307332_B		
					F727.19805GG0	UF LAMIERE	
					N_LH3007		
107		.KZMD547063	UPPER PROTECTION IS2 L=800MM RECT. (H) OCHRONA GÓRNA IS2 L=800MM PROS. (H)	1	KZMD547063	OEM	
					KZMD547063		
					KZMD547063_H	PROMID	
					JUD307437_F		
					F727.33611GG0	UF LAMIERE	
108		.KZMD547064	IP20 LOWER PROTECTION L=800MM X RECT.(F) IP20 DOLNY OCHRONA L=800MM X RECT.(F)	1	KZMD547064	OEM	
					KZMD547064		
					MD547064_F	PROMID	
					JUD307438_D		
109		.KZMD547065	PLATE FOR AUX. DEVICE L=800MM IS2 PLYTA DO URZ. POMOCNICZ. L=800MM IS2	1	KZMD547065	OEM	
					MD547065	SITEC	
					KZMD547065	PROMID	
					JUD307515_D		
					F727.33612GG0	UF LAMIERE	
					N_LH3136		
110		.KZMD547A88	SWITCH PLATE L800 IS2 OT630-800 2-4P (B) PLYTA PRZEŁĄCZNIKA L800 IS2 OT630-800 2-4P (B)	1	MD547A88_B	PROMID	
111	Z2	.PB269	PB EMIF-B_DER	2	PB269	OEM	
112	Z4	.PB288	PB EMIF-3F_DER	2	PB288	OEM	
113		.AS941-CM	COMMOM MAT. E2001.E-E3001.E COMMOM MAT. E2001.E-E3001.E	2			
					AS941-CM	OEM	
114	SW1	..APSW001	2 POSITION SWITCH PRZEŁĄCZNIK 2 POZYCYJNY	2	APSW001	OEM	
					E112+E190	VARIOUS	
115	SLOT-REM-PV	..PB369	PB SLOT-REM-PV	2	PB369	OEM	
116	CONV-SER-USB	..PB251	PB CONV-SER_USB	2	PB251	OEM	
117	X03	.MOR185BB	185MMQ BAR TO BAR POWER TERMINAL 185MMQ SZYNA DO KOŃCÓWKI ZACISKOWEJ MOCY	8	MOR185BB	OEM	
					EN019000423	ENTRELEC	
						ENTRELEC	
					0190004.23		
118	X02	.MOR300BB	300MMQ BAR TO BAR POWER TEMINAL 300MMQ SZYNA DO KOŃCÓWKI ZACISKOWEJ MOCY	4	MOR300BB	OEM	
					EN019000524	ENTRELEC	
					0190005.24		
119	BAC2-2	.MOR006VT	SCREW TERMINAL 6MMQ ZACISK ŚRUBOWY 16MMQ	4	MOR006VT	OEM	
					EN011511811	ENTRELEC	
					0115 118 11 M6/8	ENTRELEC	
120	T11-T12	.ACM7003	TA AC CURR-FEED.200-400-600/0,1 TA AC PR-ZASIL.200-400-600/0,1	4	ACM7003	OEM	
					ACM7003		
					TA-ACM7003-L-R	ELMAX	
121	U1-U2	.TAH0500A001	HALL EFFECT CURRENT TRANSF 500A (LEM) EFEKT HALLA TRANSF PRĄDU 500A (LEM)	4	TAH0500A001	OEM	
					LF505-S		
					LF505-S	LEM	
122	F10-F11	.FH3N10X38	10X38 3 POLES FUSE HOLDER 10X38 3 BIEGUNOWY WSPORNIK BEZPIECZNIKÓW	4	FH3N10X38	OEM	
					480332	DF	
					CMS103SP		

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 00	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 51	DI FG. DF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 02	AS PER COMMENTS WZIĄWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	04/12/14 14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF						



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga								
					M215659	FERRAZ									
					EA 204 6 - M204753	ABB									
123	"	.FN0002GGX38	FUSE 2A GI/GL 10.3X38 BEZPIECZNIK 2A GI/GL 10.3X38	12	FN0002GGX38	OEM									
					420002	DF									
					FR10GG50V2										
					D213098J	FERRAZ									
						LEGRAND									
					WE10,3X382	WEBER									
124	F12-F13	.FH2N10X38	10X38 2 POLES FUSE HOLDER 10X38 2 BIEGUNOWY WSPORNIK BEZPIECZNIKÓW	4	FH2N10X38	OEM									
					480232	DF									
					CMS102SP										
					CMS102SP	FERRAZ									
					M200883	ABB									
					EA 203 8	ABB									
125	"	.FN0002GGX38	FUSE 2A GI/GL 10.3X38 BEZPIECZNIK 2A GI/GL 10.3X38	8	FN0002GGX38	OEM									
					420002	DF									
					FR10GG50V2										
					D213098J	FERRAZ									
						LEGRAND									
					WE10,3X382	WEBER									
126	T10	.MTTT100VA005	TRANSF. 3F 100VA 400/110-220V DY TRANSF 3F 100VA 400/110-220V DY	2	JRE602011										
					MTTT100VA005	OEM									
						TRASF ECO									
					480258	FASHION LAMP									
					323.K100P220	LEF									
						PROMAG									
					MTTT100VA005	E.M. GALLIERA									
					JRE602011	MECCANELETTRA									
127	T1	.TRG02133	RECT. TRANSFORMER 172,1KVA 400/258V 50HZ PRBST. TRANSFORMATOR 172,1KVA 400/258V 50HZ	2	N_PP3017										
					TRG02133	OEM									
					TRG02133	TRASF ECO									
					TRG02133	ORTEA									
					IM1655#N	INTERMAGNETICS									
128	"	.SUPAMM005	ANTIVIBRATION DEVICE D50XH20 M10X25 URZĄDZENIE PRZECIWWIBRACYJNE D50XH20 M10X25	8	SUPAMM005	OEM									
					FI76VU05020M10	CBR									
129	ARC	.PB031	PB ARC	6	PB031	OEM									
130	RICB	.IA30400A013	MCCB T5S400 TMA 400-4000A 3P F F	2	IA30400A013	OEM									
					1SDA054441R1	ABB									
131	"	.ICAUX032	AUX CONTACT FOR T4-5-6 SERIES 3+1 AUX SKONTAKTUJ FOR T4-5-6 SERIES 3+1	2	ICAUX032	OEM									
					1SDA054911R1	ABB									
132	"	.IC-55042	REAR TERMINALS R T5 (6 PZ) ZACISKI TYLNE R T5 (6 PZ)	2	IC-55042	OEM									
					1SDA055042R1	ABB									
133		.KZMD547199	PLATE FOR CIRC.BREAK.PLATE FOR T5 (A) PLYTA DO WYŁ.OBW. PLYTA DO T5 (A)	2	KZMD547199	OEM									
					KZMD547199	SITEC									
					KZMD547199	PROMID									
					JUD307870										
					N_LH3112										
134	SBCB-MBCB-OCB	.IS30200A002	SWITCH 3P 200A OT200E03 PRZEŁĄCZNIK 3P 200A OT200E03	6	IS30200A002	OEM									
					EO 425 2 - OT200E03	ABB									
135	"	.ICMAN008	BLACK DIRECTED HANDLE FOR OT200/250 CZARNY KIEROWANY UCHWYT DO OT200/250	6	ICMAN008	OEM									
					EO 513 5	ABB									
136	"	.ICAUX003	N.O. AUXILIARY CONTACT N.O. STYK POMOCNICZY	10	ICAUX003	OEM									
					EO 001 1 - OA1G10	ABB									
137	"	.ICCM007	TERMINAL COVER OT200/250A 3P POKRYWA ZACISKU OT200/250A 3P	12	ICCM007	OEM									
					EO 480 7	ABB									
138	"	.BAMD547481	OT200-250 BAR (C)	30	BAMD547481	OEM									
					BAMD547481										

CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 52	DI FG. OF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR 100/14 dtd 03/11/14			BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 FOR CONSTRUCTION DO KONSTRUKCJI	02 AS BUILT POWYKONAWCZY	14/01/15	02/03/15	DISEGNATORE : MF DRAWN BY :				




Pos.	DWG REF.	ODN. RYS.	CODE	KOD	DESCRIPTION	OPIS	Q.TY	SUPPLIER CODE	KOD DOSTAWCY	BRAND	MARKA	Note	Uwaga
								JUD308616_B					
								BAMD547481		PROMID			
								BAMD547481		UF LAMIERE			
139			..KZMD547197		PLATE FOR CIRC.BREAK.PLATE FOR OT (F) PLYTA DO WYL.DBW. PLYTA DO OT (F)		10	KZMD547197		OEM			
								KZMD547197					
								KZMD547197		PROMID			
								JUD307868-F					
								16076		UF LAMIERE			
								N_LH3110					
140			..AS947-RB		BRIDGE RECT. E2001E 500A	PROST. MOST. E2001E 500A	2	AS947-RB		OEM			
141	F1-F2-F3		..FS0500AR		FUSE EXTRARAPID 500A	BEZPIECZNIK EXTRASZYBKI 500A	6	FS0500AR		OEM			
								2056322.500		SIBA			
								BZ2000UD69V500P		FERRAZ			
								H330172C		FERRAZ			
								2056322.500					
142	"		..FCNT009		MICROCONTACT FOR FUSE TRIP INDICATOR	MIKROSTYK DO WSKAŹNIKA WYZWOLENIA BEZPIECZNIKA	6	FCNT009		OEM			
								5805305.1		SIBA			
								Y310015C					
								MC6,3GR2-5N (Y310015C)		FERRAZ			
								Y310015C		FERRAZ			
								BS1ZN + BS1ZNS		BUSSMANN			
143	E1		..RAMD547404		HEATSINK P203/K37-500MM RECT 300A (A)	ROZPRASZACIEPŁA P203/K37-500MM PROST 300A (A)	2	JUD308268_B					
								RAMD547404		OEM			
								PR01238-1240/MD547404		TRE-S			
								KXH150/500		TECNOAL			
144	V1-V2-V3		..SCRD0500A12V		500A 1200V DOUBLE SCR	500A 1200V PODWÓJNY SCR	6	SCRD0500A12V		OEM			
								SKKT570/12E					
								SKKT570/12E SKKT500/12E		SEMIKRON			
								TT600N16KOF		INFINEON			
								MCC501-16/01		IXYS			
								IRKT500-12		IR			
145	B1		..TESW100		TERMOSWITCH 100A°C NC	TERMOPRZEŁĄCZNIK 100A°C NC	2	TESW100		OEM			
								229-5856					
								US-622AXRLQE100+-3C/080+-7C/C		ASAHI			
								C622L100					
								C622 L100		DELTRON EUROIND			
								R28 11EN 15T034 100A°		MICROTHERM			
								US622AXRLQN-100 (100A°+/-4A° 85A°+/-7A°NC)		ASAHI			
146			..KZMD547608		FUSES PLATE RECTIFIER BRIDGE K37 (B)	PLYTA BEZPIECZNIKOWA MOSTKA PROSTOWNIKA K37 (B)	2	KZMD547608		OEM			
								KZMD547608					
								KZMD547608		PROMID			
								JUD308866-C					
147	A2(RTF)		..PB023		PB RTF		2	PB023		OEM			
								PF023		OEM			
148	A1(RTS)		..PB024		PB RTS		2	PB024		OEM			
149			..KZMD547613		RTF-RTS SUPPORT 1 (A)		2	KZMD547613		OEM			
								MD547613		SITEC			
								MD547613		PROMID			
								JUD308977_C					
								N_LH3608					
150			..KZMD547614		RTF-RTS SUPPORT 2 (B)		2	KZMD547614		OEM			
								KZMD547614					
								KZMD547614		PROMID			
								JUD308978_C					
								N_LH3609					
151			..BAMD547145		POSITIVE BAR RECT.BRIDGE 400-500A 6P (B)	ODDATNIA SZYMA NIERZĄDZANA MOSTEK PROST. 400-500A 6P (B)	2	BAMD547145		OEM			
								JUD307641					

CLIENTE CUSTOMER KLIENT			DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca	EMESSE ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS		CONTR. CHECKED	DATA DATE	DIS. N DRAW. N	 SCALA : SCALE :	FG. SHEET	DI FG. OF SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR			400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		JC143229	Freschi	19-11-14	00	FIRST ISSUE		19-11-14	04/12/14	10168EKEY404	CAT. A	53	69	
100/14 dtd 03/11/14				MATR. PART NUMB.	APPROV. APPROVED	DATA DATE	01	AS PER COMMENTS WZIĄWSZY POD UWAGĘ		14/01/15	DISEGNATORE : MF DRAWN BY :						
				L14-002	Conti		02	FOR CONSTRUCTION DO KONSTRUKCJI		02/03/15							



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pos.	DWG REF.	ODN. RYS.	CODE	KOD	DESCRIPTION	OPIS	Q.TY	SUPPLIER CODE	KOD DOSTAWCY	BRAND	MARKA	Note	Uwaga		
			..BAMD547146		NEGATIVE BAR RECT.BRIDGE 400-500A 6P (C)	Ujemna szyna miedziana mostek prost 400-500A 6P (C)	2	BAMD547145		PROMID					
152			..BAMD547146		NEGATIVE BAR RECT.BRIDGE 400-500A 6P (C)	Ujemna szyna miedziana mostek prost 400-500A 6P (C)	2	BAMD547146		OEM					
								JUD307642_C							
			..BAMD547597		ALTERNATED COP.BAR RCN 400-800A 6P(A)	Miedziana szyna przemienna RCN 400-800A 6P(A)	6	BAMD547146		PROMID					
153			..BAMD547597		ALTERNATED COP.BAR RCN 400-800A 6P(A)	Miedziana szyna przemienna RCN 400-800A 6P(A)	6	BAMD547597		OEM					
								BAMD547597							
			..KFN230V-001		230VAC 40W FAN KIT FOR HEATS.L=150MM	230VAC 40W ZESTAW VENT. DO ROZCIEP. L=150MM	2	KFN230V-001		PROMID					
154			..KFN230V-001		230VAC 40W FAN KIT FOR HEATS.L=150MM	230VAC 40W ZESTAW VENT. DO ROZCIEP. L=150MM	2	KFN230V-001		OEM					
155			..VA150D230VA001		FAN 390MC/H HOLE:150MM 230V		2	VA150D230VA001		OEM					
								VA150D230V001							
								7450ES		PAPST					
			..KPMD547202		FAN SUPPORT FOR 150MM RADIATOR (B)	WSPORNIK WENTYLATORA DO 150MM RADIATOR (B)	2	A17T23SWBMT0		COSTECH/FANDIS					
156			..KPMD547202		FAN SUPPORT FOR 150MM RADIATOR (B)	WSPORNIK WENTYLATORA DO 150MM RADIATOR (B)	2	KPMD547202		OEM					
								JGE304992		MAPICOPLAST					
			..VGR150D		FAN FINGER GUARD DIAM. 150MM	OCHRONA NA WENTYLATOR ŚR. 150MM	2	KPMD547202		PROMID					
157			..VGR150D		FAN FINGER GUARD DIAM. 150MM	OCHRONA NA WENTYLATOR ŚR. 150MM	2	VGR150D		OEM					
								LZ241		PAPST					
								LZ241							
			..ASC11-RF		DC FILTER RECTIFIER E3001.E 500A	FILTR DC PROSTOWNIK E3001.E 500A	2	150		FANDIS					
158			..ASC11-RF		DC FILTER RECTIFIER E3001.E 500A	FILTR DC PROSTOWNIK E3001.E 500A	2	ASC11-RF		OEM					
159	L1		..ING03015		DC INDUCTOR 150UH 500A	DC INDUKTOR 150UH 500A	2	ING03015		OEM					
								IMF00.15A1A1		ELETRAFOR V.D.A.					
										TRASF ECO					
								480605		FASHION LAMP					
										LEF					
			..SUPAMM003		ANTIVIBRATION DEVICE D30XH20 M 8X25	URZĄDZENIE PRZECIWWIBRACYJNE D30XH20 M 8X25	8	PROMAG							
160			..SUPAMM003		ANTIVIBRATION DEVICE D30XH20 M 8X25	URZĄDZENIE PRZECIWWIBRACYJNE D30XH20 M 8X25	8	SUPAMM003		OEM					
			..AS695-RC		CONTROL ELECTRONIC RTB.E 110/220V	ELEKTRONIKA STEROWNICZA RTB.E 110/220V	2	FI76VU03020M08		CBR					
161			..AS695-RC		CONTROL ELECTRONIC RTB.E 110/220V	ELEKTRONIKA STEROWNICZA RTB.E 110/220V	2								
			..PTRACK004-A		RACK + WIRING KIT	WSPORNIK + ZESTAW OKABLOWANIA	2	AS695-RC		OEM					
162			..PTRACK004-A		RACK + WIRING KIT	WSPORNIK + ZESTAW OKABLOWANIA	2	PTRACK-03							
			..BOX019		RACK STD 6HE/28TE TYPE (MD547468)	WSPORNIK STD 6HE/28TE TYP (MD547468)	2	PTRACK004-A		OEM					
163			..BOX019		RACK STD 6HE/28TE TYPE (MD547468)	WSPORNIK STD 6HE/28TE TYP (MD547468)	2	BOX019		OEM					
			..PB134		PB BP-DR16		2	MD547468		PROMID					
164			..PB134		PB BP-DR16		2	PB134		OEM					
165	A2(PS-DR16)		..PB133		PB PS-DR16		2	PB133		OEM					
166	A3(DR16-COMP)		..PB280		PB DR16-COMP		2	PB280		OEM					
167	R10		..RP005K10G001		5K 10TURNS POTENZIOMETER AND HANDLE	5K 10OBROT POTENCJOMETR I UCHWYT	2	RP005K10G001		OEM					
								Z0806008 + Z1300307		CEEI					
			..KZMD547034		SUPPORT FOR POTENTIOMETER (E)	WSPORNIK DO POTENCJOMETRA (E)	2	PT00162 (534 B1 5K 5%)		VISHAY					
168	X R10		..KZMD547034		SUPPORT FOR POTENTIOMETER (E)	WSPORNIK DO POTENCJOMETRA (E)	2	KZMD547034		OEM					
								KZMD547034							
								KZMD547034_E		PROMID					
								JUD307356		UF LAMIERE					
			..MOR006VT		SCREW TERMINAL 6MMQ	ZACISK ŚRUBOWY 6 MMQ	4	MOR006VT		OEM					
169	XEAC		..MOR006VT		SCREW TERMINAL 6MMQ	ZACISK ŚRUBOWY 6 MMQ	4	EN011511811		ENTRELEC					
								0115 118 11 M6/8		ENTRELEC					
			..ACM7003		TA AC CURR-FEED.200-400-600/0,1	TA AC PR-ZASIL.200-400-600/0,1	12	ACM7003		OEM					
170	T20-T21-T22-TP1-2-3		..ACM7003		TA AC CURR-FEED.200-400-600/0,1	TA AC PR-ZASIL.200-400-600/0,1	12	ACM7003		OEM					
			..ASB40-IB		BRIDGE ITB.E 100KVA-220/208	MOSTEK ITB.E 100KVA-220/208	2	TA-ACM7003-L-R		ELMAX					
171			..ASB40-IB		BRIDGE ITB.E 100KVA-220/208	MOSTEK ITB.E 100KVA-220/208	2								
			..RAMD547492		HEATSINK P203/K37 L500 INVERTER (F)	ROZPRASZACIEPŁA P203/K37 L500 FALDWNIK (F)	6	ASB40-IB		OEM					
172	E10-E11-E12		..RAMD547492		HEATSINK P203/K37 L500 INVERTER (F)	ROZPRASZACIEPŁA P203/K37 L500 FALDWNIK (F)	6	RAMD547492		OEM					
								PRO1238-1240/MD547492		TRE-S					
								P203L0500000005		LDS					
			..CC10K0U350V		DC CAPACITOR 10000UF 350V	DC KONDENSATOR 10000UF 350V	10	KXH150/500GAE10		TECNOAL					
173	C1-N		..CC10K0U350V		DC CAPACITOR 10000UF 350V	DC KONDENSATOR 10000UF 350V	10	AYUXHR103M350DF1 (1765710000 FACON)		FACON					

CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : 	FG. SHEET 54	DI FG. OF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR			100/14 dtd 03/11/14	BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 	01	AS PER COMMENTS WZIAWSZY POD UWAGĘ	04/12/14	14/01/15	DISEGNATORE : DRAWN BY : MF			



Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
					CC10K0U350V	OEM	
					CC10000U350V		
					GMB10335075145+1 12-18+HM 12	FISHER&TAUSCHE Cap	
					AYUXHR103M350DF1	ITELCOND	
					K01350103SHM0J143	KENDEIL	
174	R1-N	..RC012W015K	DISCHARGE RESISTOR 12W 15K OPORNİK ROZŁADOWANIA 12W 15K	10	RC012W015K	OEM	
					10SR153AT	ate	
					RP-10SR 15K (10SR153AT)	ate	
					199-6104		
					10RS153AT		
175	CC	..CC0002U1K0V002	CAPACITOR 2UF 1000V KONDENSATOR 2UF 1000V	24	CC0002U1K0V002	OEM	
					PMB2104200KVP	ICEL	
176	B4-B6	..TESW090	TERMO SWITCH 90Å°C NC TERMO PRZELĄCZNIK 90Å°C NC	6	TESW090	OEM	
					229-5862	RS COMPONENTS	
					US-622AXRLQE 90+-3C/O 75+-6C/C	ASAHI	
					R2811EN15T034.90		
					R20C179	MICROTHERM	
					C622 L090	DELTRON EUROIND	
					R28 11EN 15T034 90Å°	MICROTHERM	
					US622AXRLQN-090 (90Å°+/-4Å° 75Å°+/-7Å°NC)	ASAHI	
177	V7-V12	..IGS900A12V	IGBT SINGLE 900A 1200V POJEDYNCZY IGBT 900A 1200V	12	FZ900R12KE4		
					IGS900A12V	OEM	
					FZ900R12KE4	EUPEC	
178	U3-U4	..TAH1000A001	HALL EFFECT CURRENT TRANSF 1000A EFEKT HALLA TRANSF PRĄDU 1000A	4	TAH1000A001	OEM	
					ES1000-F(ES1000-C)	ABB	
					LF1005-S	LEM	
179	HS-DEC	..PB441	PB HS-DEC	2	PB441	OEM	
180	ID	..PB451	PB ID-CUS2	6	PB451	OEM	
181		..KZMD547501	SUPPORT FOR ID CARD (A) WSPORNİK DO KARTY ID (A)	6	KZMD547501	OEM	
					KZMD547501		
					KZMD547501	PROMID	
					JUD308495-A		
					N_LH3422		
182		..BAMD547686	INVERTER BRIDGE "24X1X3" FLEX BAR (B) MOSTEK FALOWNIKA "24X1X3" SZYNA FLEX (B)	4	JUD309916_A		
					BAMD547686	OEM	
					BAMD547686		
					MD547686	PROMID	
183		..KZMD547658	NO.10 INV. CAPACITORS SUPPORT (A) NO.10 FAL. WSPORNİK KONDENSATORÓW (A)	2	KZMD547658	OEM	
					KZMD547658		
184		..BAMD547685	POSITIVE BAR INVERTER BRIDGE (D) DOD.SZYNA MOSTEK FALOWNIKA (D)	2	BAMD547685	OEM	
					BAMD547685		
					BAMD547685_D	PROMID	
185		..BAMD547494	UNION BAR FOR IGBT IMB.E BRIDGE (C) SZYNA ŁĄCZĄCA DO IGBT IMB.E MOSTEK (C)	6	BAMD547494	OEM	
					BAMD547494		
					BAMD547494	PROMID	
186		..BAMD547683	NEGATIVE BAR 5 CAP. INVERTER BRIDGE (A) SZYNA UJEMNA 5 KOND. MOSTEK FALOWNIKA (A)	2	BAMD547683	OEM	
					BAMD547683		
					BAMD547683	PROMID	
187		..BAMD547684	POSITIVE BAR 5 CAP. INVERTER BRIDGE (B) SZYNA DODATNIA 5 KOND. MOSTEK FALOWNIKA (B)	2	BAMD547684	OEM	
					BAMD547684		
					BAMD547684	PROMID	
188		..BAMD547495	CAPACITORS BAR POLYESTER (C) BELKA KONDENSATORÓW POLIESTER (C)	12	BAMD547495	OEM	
					BAMD547495		
					BAMD547495	PROMID	
189		..KFAN230V-001	230VAC 40W FAN KIT FOR HEATS.L=150MM 230VAC 40W ZESTAW WENT. DO ROZCIEP. L=150MM	6	KFAN230V-001	OEM	

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR	 100/14 dtd 03/11/14	DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE AS PER COMMENTS WZIAWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	CONTR. CHECKED /	DATA DATE 19-11-14 04/12/14 14/01/15 02/03/15	DIS. N DRAW. N 10168EKEY404	 SCALA : SCALE : CAT. A	FG. SHEET 55	DI FG. OF SH. 69	
		DISEGNATORE : MF DRAWN BY :													



Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
190		..VA150D230VA001	FAN 390MC/H HOLE:150MM 230V	6	VA150D230VA001 VA150D230V001	OEM	
					7450ES	PAPST	
					A17T23SWBMT0	COSTECH/FANDIS	
191		..KPMD547202	FAN SUPPORT FOR 150MM RADIATOR (B) WSPORNIK WENTYLATORA DO 150MM RADIATOR (B)	6	KPMD547202	OEM	
					JGE304992	MAPICOPLAST	
					KPMD547202	PROMID	
192		..VGR150D	FAN FINGER GUARD DIAM. 150MM OCHRONA NA WENTYLATOR ŚR. 150MM	6	VGR150D	OEM	
					LZ241	PAPST	
					LZ241		
					150	FANDIS	
193		..ASB50-IF	FILTER&TRANSF ITB.E 220/400 100KVA FILTR & TRANSF ITB.E 220/400 100KVA	2	ASB50-IF	OEM	
194	T2	..TIG02210	3PH INVERT. TRANSF. 86.4KVA 119/240V (A) 3PH FAL. TRANSF. 86.4KVA 119/240V (A)	2	TIG02210	OEM	
					#N JUE602912	ELETRAFOR V.D.A.	
					TIG02210	TRASF ECO	
					TIG02210	ORTEA	
195	"	..SUPAMM005	ANTIVIBRATION DEVICE D50XH20 M10X25 URZĄDZENIE PRZECIWWIBRACYJNE D50XH20 M10X25	8	SUPAMM005	OEM	
					F176VU05020M10	CBR	
196	CR-CS-CT	..CA0400U250V	AC CAPACITOR 400UF 250V AC KONDENSATOR 400UF 250V	6	CA0400U250V	OEM	600UF FOR PHASE
					8252731 CME-AS 400-330	COMAR	
					8252731		
					416.74.7053	DUCATI ENERGIE	
						ARCOTRONICS	
					32362A3407J30	EPCOS	
197	"	..CA0200U250V	AC CAPACITOR 200UF 250V AC KONDENSATOR 200 UF 250 V	6	CA0200U250V	OEM	600UF FOR PHASE
					CA200U250V		
					8252385		
					8252385 NUOVO CODICE	COMAR	
					416.74.7054	DUCATI ENERGIE	
					RCF 200UF	ITALFARAD	
						ARCOTRONICS	
					B32362A3207J30	EPCOS	
198		..ASB17-SSW	ST/SW ASS. 3PH 50KVA 208V-100KVA 400V	2	ASB17-SSW	OEM	
199	V19-V20-V21	..SCRD0132A12V	DOUBLE SCR 132A 1200V PODWÓJNY SCR 132A 1200V	6	SCRD0132A12V	OEM	
					SKKT132/12E		
					SKKT132/12E	SEMIKRON	
					MCC132-12/01	IXYS	
					MCC 132-12I01B	IXYS	
					IRKT136/12S90	IR	
200	V22-V23-V24	..SCRD0132A12V	DOUBLE SCR 132A 1200V PODWÓJNY SCR 132A 1200V	6	SCRD0132A12V	OEM	
					SKKT132/12E		
					SKKT132/12E	SEMIKRON	
					MCC132-12/01	IXYS	
					MCC 132-12I01B	IXYS	
					IRKT136/12S90	IR	
201	2SCR-FIR	..PB016V	PB 2SCR-FIR GREEN LED PB 2SCR-FIR DIODA LED ZIELONA	6	PB016V	OEM	
					PB016	OEM	
202	2SCR-FIR	..PB016R	PB 2SCR-FIR RED LED PB 2SCR-FIR DIODA LED CZERWONA	6	PB016R	OEM	
					PB016	OEM	
					PB016	OEM	
203	F7-F9	..FN0200AR	FUSE EXTRARAPID 200A BEZPIECZNIK EXTRASZYBKI 200A	6	FN0200AR	OEM	
					2056120.200	SIBA	
					BZ000UD69V200	FERRAZ	
					D330145C	FERRAZ	
					200FM	BUSSMANN	
					D330145C		
					2056120.200		

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 00	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALE : SCALE : CAT. A	FG. SHEET 56	DI FG. DF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 02	AS PER COMMENTS WZIĄWSZY POD UWAGĘ	01 FOR CONSTRUCTION DO KONSTRUKCJI	02 AS BUILT POWYKONAWCZY	04/12/14	14/01/15	02/03/15	DISEGNATORE : MF DRAWN BY :		



Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
204		..BAMD547550	UNION BAR SCR ST. BRIDGE IMB.E 30KVA(A) SZYNA ŁĄCZĄCA SCR ST. MDSTEK IMBE 30KVA(A)	6	BAMD547550	OEM	
					BAMD547550		
					JUD308542		
205		..BAMD547682	ITB.E STATIC BRIDGE FUSE BAR (A) ITB.E STATYCZNA SZYNA POMOSTOWA DO BEZPIECZ. (A)	6	BAMD547682	OEM	
					BAMD547682		
					BAMD547682	PROMID	
206		..TOMD547589	TURRET BRASS M6 M-F L15 MDSIĘŻNA WIEŻYCZKA M6 M-F L15	24	TOMD547589	OEM	
					TOMD547589		
					MD547589		
207		..ASB41-IC010-PAR	ELECTR. CONTROL ITB.E 5-100KVA 220/400V ELEKTR. STEROWANIE ITBE 5-100KVA 220/400V	2			
208	PS-MV	..PB002	PB PS-MV	2	PB002	OEM	
209	FCI	..PB047	PB FCI	2	PB047	OEM	
210	I/S-CL	..PB264	PB I_S CONTROL LOGIC_PAR PB I_S LOGIKA STEROWNICZA_PAR	2	PB264	OEM	
211	RCB-BF	..PB344	PB RCB-BF	2	PB344	OEM	
212	SCB	..PB265	PB SCB_PAR	2	PB265	OEM	
213	VCB	..PB278	PB VCB_CUS	6	PB278	OEM	
214	RPI2	..PB312	PB RPI2	2	PB312	OEM	
215	INV-AV-3F	..PB004	PB INV-AV-3F	2	PB004	OEM	
216	VOLT-REF-3F	..PB005	PB VOLT-REF-3F	2	PB005	OEM	
217	FMC	..PB068	PB FMC	2	PB068	OEM	
218		..KPPB003012	MICROP. BOARD LEXAN PROTECTION KIT (C) MIKROP. PLYTA LEXAN ZESTAW OCHRONNY (C)	2	KPPB003012	OEM	
					JUD307495	OEM	
219		..TOPB003013	L=88MM M4 EXAGONAL TOWER L=88MM M4 WIEŻA SZEŚCIOKĄTNA	10	TOPB003013	OEM	
					I4DIZ08840	OEM	
						VARIOUS	
220		..KZMD547472	SUPPORT FOR PB018 INV-AV TRANSFORMER WSPORNIK DO PBO18 INV-AV TRANSFORMATOR	2	KZMD547472	OEM	
					KZMD547472		
					MD547472	PROMID	
					JUD308716		
					N_LH3526		
221	PS-DEC	..PB477	PB PS-DEC-220	2	PB477	OEM	
222	T15	..TSG01002	TRANSF. 1PH 150VA 120-240/170VAC 50HZ	2	TSG01002	OEM	
					624170	FASHION LAMP	
					TSG01002		
223	F29	..FH2N10X38	10X38 2 POLES FUSE HOLDER 10X38 2 BIEGUNOWY WSPORNIK BEZPIECZNIKÓW	2	FH2N10X38	OEM	
					480232	DF	
					CMS102SP		
					CMS102SP	FERRAZ	
					M200883	ABB	
					EA 203 8	ABB	
224	"	..FN0004GGX38	FUSE 4A GI/GL 10.3X38 BEZPIECZNIK 4A GI/GL 10.3X38	4	FN0004GGX38	OEM	
					FN004_GGX38		
					420004	DF	
					FR10GG50V4		
					13304		
					X213598J	FERRAZ	
					WE10,3X384	WEBER	
225		..APMD301006	PANEL FILM AC-UPS BORRI FOLIA PANELU AC-UPS BORRI	2	N_LB3001		
					APMD301006	OEM	
					JUD308036		
					JUD308036	CHIARAMONTI	
226		..AS941-FP001	FRONT PANEL COMMAND E2001.E/E3001.E IPX5 STEROWNIK PANELU PRZEDNIEGO E2001.E/E3001.E IPX5	2			
					AS941-FP001	OEM	
227		..APPB301005	ALUMINIUM PANEL AC-UPS DISPLAY (C) PANEL ALUMINIOWY WYŚWIETLACZ AC-UPS (C)	2	APPB301005	OEM	

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR	 100/14 dtd 03/11/14	DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 00	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 57	DI FG. DF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 02	DESCRIZIONE DESCRIPTION OPIS AS PER COMMENTS WZIAWSZY POD UWAGE FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	DATA DATE 14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF						



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga								
					JUD308037-C										
228		..KZMD547541	RCN-IMN-AC-UPS DISPLAY PROTECTION (F) RCN-IMN-AC-UPS OCHRONA WYŚWIETLACZA (F)	2	KZMD547541	OEM									
					MD547541_F	SITEC									
					KZMD547541	PROMID									
					JUD308792_F										
229		..KZMD547294	AC-UPS DISPLAY FRAME SUPPORT (A) AC-UPS WSPORNIK RAMY WYŚWIETLACZA (A)	2	KZMD547294	OEM									
					KZMD547294										
					KZMD547294	PROMID									
					JUD308038-B										
					KZMD547294	UF LAMIERE									
					N_LH3197										
230	FP-ACUPS	..PB301	PB FP-ACUPS	2	PB301	OEM									
231	B7-B8	..FER003	FERRITE R36-N27 FERRITE R36-N27	4	FER003	OEM									
					B64290-L674-X35	EPCOS									
232		..KPMD547314	EXTER.FRAME AC-UPS DISP. RAL9006 IPX2(C) RAMA ZEWN. AC-UPS DISP. RAL9006 IPX2(C)	2	KPMD547314	OEM									
					JUD308173_D										
233		..KVMD547315	FIXING FRAME RAL9006 AC-UPS DISP IPX2(A) RAMA MOCUJĄCA RAL9006 AC-UPS DYSIP IPX2(A)	2	KVMD547315	OEM									
					MD547315	SITEC									
					KVMD547315	PROMID									
					JUD308174-A										
234		..KZMD547858	TOROID SUPPORT DISPLAY RECT-INV-UPS TOROID. WYŚWIETL. WSPORNIK. PRDS-FAL-UPS	2	KZMD547858	OEM									
					JUD313233										
					KZMD547858	PROMID									
235		..CLDB9-005	CABLE DB9/MALE-MALE 8M RPI2 KABEL DB9/MĘSK-MĘSK 8M RPI2	2	CLDB9-005	OEM									
236		..COSCA09M001	MALE CONNECTOR DB9 ZŁĄCZE MĘSKIE DB9	4	COSCA09M001	OEM									
					TK02										
					CDS09P+2X(D20418/1)	VARIOUS									
237		..PTVARIE006	DB9 CONNECTOR COVER DB9 POKRYWA ZŁĄCZA	4	PTVARIE006	OEM									
					TK09										
					CCAL9	VARIOUS									
238		..Z-MP06-S	CAVO MULTIPOLARE 6 POLI SCHERMATO KABEL WIELOBIEG. 6 BIEG. EKRAKOWANY	16	Z-MP06-S	OEM									
					ITC SC63 6P 6X0,35 FROR	VARIOUS									
					ITC SC63 6P 6X0,35 FROR										
239	ACI	..PB380	PB ACI	2	PB380	OEM									
240	BCB	..IA30500A004	MCCB T5N630 TMA 500-5000A 3P F F	2	IA30500A004	OEM									
					1SDA054456R1	ABB									
241	"	..ICAUX032	AUX CONTACT FOR T4-5-6 SERIES 3+1 AUX SKONTAKTUJ DO T4-5-6 SERIES 3+1	2	ICAUX032	OEM									
					1SDA054911R1	ABB									
242	"	..IC-55042	REAR TERMINALS R T5 (6 PZ) ZACISKI TYLNE R T5 (6 PZ)	2	IC-55042	OEM									
					1SDA055042R1	ABB									
243	"	..KZMD547199	PLATE FOR CIRC.BREAK.PLATE FOR T5 (A) PLYTA DO WYL.OBW. PLYTA DO T5 (A)	2	KZMD547199	OEM									
					KZMD547199	SITEC									
					KZMD547199	PROMID									
					JUD307870										
					N_LH3112										
244	FVB-F30	..FH2N10X38	10X38 2 POLES FUSE HOLDER 10X38 2 BIEGUNDWY WSPORNIK BEZPIECZNIKÓW	4	FH2N10X38	OEM									
					480232	DF									
					CMS102SP										
					CMS102SP	FERRAZ									
					M200883	ABB									
					EA 203 8	ABB									
245	"	..FN0002GGX38	FUSE 2A GI/GL 10.3X38 BEZPIECZNIK 2A GI/GL 10.3X38	8	FN0002GGX38	OEM									
					420002	DF									
					FR10GG50V2										
					D213098J	FERRAZ									
						LEGRAND									
					WE10,3X382	WEBER									

CLIENTE CUSTOMER KLIENT			DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : 	FG. SHEET 58	DI FG. DF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR			100/14 dtd 03/11/14	BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 	01 AS PER COMMENTS WZIAWSZY POD UWAGĘ	02 FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF				



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pos.	DWG REF.	ODN. RYS.	CODE	KOD	DESCRIPTION	OPIS	Q.TY	SUPPLIER CODE	KOD DOSTAWCY	BRAND	MARKA	Note	Uwaga		
246	VB		.MI300VAC002		VOLTMETER 72X72 300VDC 90A°	WOLTMIERZA 72X72 300VDC 90 A°	2	MI300VAC002		OEM					
								F72MVX300XSD		FRER					
								ERC72 300VDC		REVALCO					
								MQ72E/300VADC002		UNIDATA					
								72-MC/300VADC002		FASE					
247	SHB		.SH300A060MV		SHUNT DE 300A 60MV	BOCZNIK 300A 60 MV	2	SH300A060MV		OEM					
								SSHMAX300X60		FRER					
								SH300A60MV							
										REVALCO					
										UNIDATA					
										FASE					
248	AB		.MI300AAC013		AMMETER 72X72 100-0-300A/60MV 90A°	AMPEROMIERZA 72X72 100-0-300A/60MV 90A°	2	MI300AAC013		OEM					
								F72MAX300L26		FRER					
249	ABT		.CV,06VX+-20-002		I:±/-60MVDC 0:±/-20MA PS:20-60VAC/VDC		2	MCOMAX60MX2ZL		FRER					
250	VBT		.CV300VX4/20-009		TRANSD. I:0/300VDC 0:4/20MA PS:24/240V	PRZETWORNIK I:0/300VDC 0:4/20MA PS:24/240V	2	S3VC1001		UNIDATA					
								TS S3VC1ST-300-1		UNIDATA					
								TS S3VC1ST-300-1		RAEL					
251	DC/DC		.DCDC024V030W001		DC/DC CONVERTER 24V 1.5A CP-E24/1.25	DC/DC PRZETWORNIK 24V 1.5A CP-E24/1.25	2	DCDC024V030W001		OEM					
								ET 698 9		ABB					
252	FVR		.FH3N10X38		10X38 3 POLES FUSE HOLDER	10X38 3 BIEGUNOWY WSPORNIK BEZPIECZNIKÓW	2	FH3N10X38		OEM					
								480332		DF					
								CMS103SP							
								M215659		FERRAZ					
								EA 204 6 - M204753		ABB					
253	"		.FN0002GGX38		FUSE 2A GI/GL 10.3X38	BEZPIECZNIK 2A GI/GL 10.3X38	6	FN0002GGX38		OEM					
								420002		DF					
								FR10GG50V2							
								D213098J		FERRAZ					
										LEGRAND					
								WE10,3X382		WEBER					
254	TAR-TAS-TAT		.TA200/005A		CURRENT TRANSFORMER 200/5A	PRZEKLADNIK PRĄDOWY 200/5A	6	TA200/005A		OEM					
								TA T022200X05		FRER					
								TAM1D200A							
								TAM1D 200A		REVALCO					
								TA B1 200/5		UNIDATA					
								TA B1 200/5							
								TA30D-200/5A		FASE					
255	VR-T		.CV500VX4/20-002		TRANSD. I:0/500VAC 0:4/20MA PS:24/240V	PRZETWORNIK I:0/500VAC 0:4/20MA PS:24/240V	2	CV500VX4/20-002		OEM					
								TSS3VV3302		UNIDATA					
								S3-VV33-500-2		UNIDATA					
								S3VV3302		RAEL					
256	AR-T		.CV005AX4/20-005		TRANSD. I:0/5AAC 0:4/20MA PS:24/240V 3PH	PRZETWORNIK I:0/5AAC 0:4/20MA PS:24/240V 3PH	2	CV005AX4/20-005		OEM					
								S3-AA33-5-2		UNIDATA					
								S3AA3352		RAEL					
257			.CSTK-TRAD		TRASLATE DOCUMENTATION	TRANSLACJA DOKUMENTACJI	3000								
258			.KZMD547268		UNLOADED CROSS.TRANSF.SUPP. IS2 L1000(A)	NIEODCIĄŻ. KRZYŻ.WSPOR.TRANSF. IS2 L1000(A)	2	KZMD547268		OEM					
								KZMD547268							
								KZMD547268		PROMID					
								JUD308016							
259			.KZMD547073		L=1000MM SUPPORT FOR AUX.CIRCUIT IS2	L=1000MM WSPORNIK DO OBWODU POMOC. IS2	2	KZMD547073		OEM					
								KZMD547073							
								MD547073		PROMID					
								JUD307516_D							
260			.KZMD547581		2 CIRCUIT BRAKERS PLATE IS2 L800 (C)	PLYTA Z 2 WYŁĄCZ. OBWOD. IS2 L800 (C)	1	KZMD547581		OEM					
								KZMD547581							
261			.KZMD547752		CIRC.BREAKERS SUPPORT 800X150	WSPORNIK WYL.OBW. 800X150	1	KZMD547752		OEM					

CLIENTE CUSTOMER KLIENT			DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : 	FG. SHEET 59	DI FG. OF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR			100/14 dtd 03/11/14	BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 	01	AS PER COMMENTS WZIĄWSZY POD UWAGĘ	04/12/14	14/01/15	DISEGNATORE : DRAWN BY : MF			



Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
					KZMD547752		
					KZMD547752	PROMID	
					JUD307329_F		
					N_LH3023		
262		.KZMD547485	SUP CIRC.BREAK.PLATE H550 + AUX PLATE PŁYTA WYŁ. OBW. ZASIL. H550 + PŁYTA POMOC.	2	KZMD547485	ETA	
					KZMD547485	OEM	
					KZMD547485	SITEC	
					KZMD547485	PROMID	
					JUD308623		
					N_LH3504		
263		.ICCM008	GREY TERM.COVER FOR OT630/800 4P SZARA POKRYWA TERM. DO OT630/800 4P	2	ICCM008	OEM	
					EO 629 9	ABB	
264		JCB143229-B2	400VAC DISTRIBUTION 400VAC DYSTRYBUCJA	1			
265		.KCE01CDL14009001	E-NUX 080X080X210 RAL7035 OP 090U STD	1	ENUX082008PRSPECDL14009	ETA	
266		.KCE01CDL14010001	E-NUX 060X080X210 RAL7035 OP 090U STD	1	ENUX062008PRSPECDL14010	ETA	
267		.BAMD547794	EARTH COPPER BAR FOR CABINET W=800 (C) MIEDZIANA SZYNA UZIEMIĄCA DO SZAFY W=800 (C)	1	BAMD547794	OEM	
					BAMD547794		
					BAMD547794	PROMID	
268		.BAMD547793	EARTH COPPER BAR FOR CABINET W=600 (C) MIEDZIANA SZYNA UZIEMIĄCA DO SZAFY W=600 (C)	1	BAMD547793	OEM	
					BAMD547793		
					BAMD547793	PROMID	
269		.BAMD547832	UNION EARTH BAR (A) SZYNA UZIEMIĄCA ŁĄCZĄCA (A)	1	BAMD547832	OEM	
					BAMD547832		
					BAMD547832	PROMID	
270		.KZMD547914	EARTH BAR STIRRUP STRZEMIE SZYNY UZIEMIĄCEJ	4	JUD309350	SITEC	
271		.KZMD547767	CABLES SUPPORT FOR CABINET W=800 WSPORNIK KABLI DO SZAFY W=600	1	KZMD547767	OEM	
					KZMD547767		
					MD547767	PROMID	
					F727.33617GG0	UF LAMIERE	
272		.KZMD547766	CABLES SUPPORT FOR CABINET W=600 WSPORNIK KABLI DO SZAFY W=600	1	KZMD547766	OEM	
					KZMD547766		
					MD547766	PROMID	
					F727.33616GG0	UF LAMIERE	
273		.KC0808GA-003	IP4X GRID FOR CABINET L800 P800 IP4X SIATKA DO SZAFY L800 P800	1			
					KC0808GA-003	OEM	
274		.KZMD547102	IP40 GRID FOR IS2 L=800MM DOOR (C) IP40 SIATKA DO DACHU IS2 L800 P800 (B)	3	KZMD547102	OEM	
					KZMD547102		
					KZMD547102	PROMID	
275		.KZMD547103	IP4X GRID FOR 800X800MM ROOF IP4X SIATKA DO 800X800MM DACH	1	KZMD547103	OEM	
					KZMD547103		
					MD547103	PROMID	
276		.KC0608GA-003	IP4X GRID FOR CABINET L600 P800 IP4X SIATKA DO SZAFY L600 P800	1			
					KC0608GA-003	OEM	
277		.KZMD547100	IP40 GRID FOR IS2 L=600MM DOOR (C) IP40 SIATKA DO IS2 L=600MM DACH (C)	3	KZMD547100	OEM	
					KZMD547100		
					KZMD547100	PROMID	
278		.KZMD547491	IP40 GRID FOR ROOF IS2 L600 P800 (B) IP40 SIATKA DO DACHU IS2 L600 P800 (B)	1	KZMD547491	OEM	
					KZMD547491	SITEC	
					KZMD547491	PROMID	
279		.KVMD547A33	ROOF ETA L800 P800 RAL7012 IPX2 DACH ETA L800 P800 RAL7012 IPX2	1	KVMD547A33	OEM	
					JUD312194	SITEC	
280		.KVMD547A32	ROOF ETA L600 P800 RAL7012 IPX2 DACH ETA L800 P600 RAL7012 IPX2	1	KVMD547A32	OEM	
					JUD312193	SITEC	
					JUD312193		
281		.TOMD547021	TURRET M12 ROOF RISE IPX1 (D) WIEŻYCZKA M12 PDDN.DACH IPX1 (D)	8	TOMD547021	OEM	
					TOMD547021	CBR	
					MD547021		

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 60	DI FG. OF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 02	AS PER COMMENTS WZIĄWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	04/12/14 14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF					



Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
					TOMD547021	ICM TORNERIA CASENT.	
					JUD307343_B		
282		KZMD547405	IS2 H2100 D800 SEGREGATION SCREEN (C) IS2 H2100 D800 EKLAN SEGREGACJI (C)	1	KZMD547405	OEM	
					KZMD547405	OEM	
					KZMD547405	PROMID	
					JUD307680_B		
					LH2716		
283		KZMD547539	FIXING PLATE FOR IS2 CABINET (B) PLYTA MOCUJĄCA DO SZAFY IS2 (B)	12	KZMD547539	OEM	
					KZMD547539		
					KZMD547539	PROMID	
					JUD307682_C		
					LH2718		
284		KCE01L2008-001	N.2 LATERAL KIT P=800 H=2000 E-NUX N.2 ZESTAW BOCZNY P=800 H=2000 E-NUX	1	KCE01L2008-001	OEM	
					EUF1080200RAL7035	ETA	
285		PKCC062-A	PALLET 1600X1100 ISPM15 DIM INT PALETA 1600X1100 ISPM15 WYM WEW	1	PKCC062-A	OEM	
					P00556/228H	SCART	
286		PKCC062-B	CARTON BOX+SPRINGS 1600X1100X2120 (INT.) PUDEŁKO+SPRĘŻYNY 1600X1100X2120 (WEW)	1	PKCC062-B	OEM	
					CMC00556/228	SCART	
287		PKAB062-L	INTERNAL BAG 1800X1350X2350 0 TORBA WEWNĘTRZNA 1800X1350X2350	1	PKAB062-L	OEM	
					PKAB062-L	COCOON	
					SB00070/348	SCART	
288		KCIMBALLO001	PACKING KIT ZESTAW OPAKOWANIA	1	KCIMBALLO001	OEM	
289		PKACC001	UPSET INDICATOR TILTWATCH 0 WSKAŹNIK ZAKŁÓCEŃ KONTROLER PRZECHYLENIA	1	PKACC001	OEM	
					TILTWATCH		
290		PKACC001	UPSET INDICATOR TILTWATCH 0 WSKAŹNIK ZAKŁÓCEŃ KONTROLER PRZECHYLENIA	1	PKACC001	OEM	
					TILTWATCH		
291		PKACC002	SHOCK-WATCH INDICATOR RED L-47 SHOCK-WATCH CZERWONY WSKAŹNIK L-47	1	PKACC002	OEM	
					L-47		
292		PKACC002	SHOCK-WATCH INDICATOR RED L-47 SHOCK-WATCH CZERWONY WSKAŹNIK L-47	1	PKACC002	OEM	
					L-47		
293		PKSALI	HYGROSCOPIC SALT SÓL HIGROSKOPIJNA	2	PKSALI	OEM	
					MSA1UD	COCOON	
					400001FA4P000	PROPACK	
294		KZMD547180	CIRC. BREAKERS PLATE CABINET L=800MM (E) PL. WYL.DBW. SZAFY L=800MM (E)	1	KZMD547180	OEM	
					KZMD547180		
					KZMD547180	PROMID	
					JUD307943-E		
					16077	UF LAMIERE	
					N_LH3141		
295		KZMD547065	PLATE FOR AUX. DEVICE L=800MM IS2 PLYTA DO URZ. POMOCNICZ. L=800MM IS2	1	KZMD547065	OEM	
					MD547065	SITEC	
					KZMD547065	PROMID	
					JUD307515_D		
					F727.33612GG0	UF LAMIERE	
					N_LH3136		
296		KZMD547197	PLATE FOR CIRC.BREAK.PLATE FOR OT (F) PLYTA DO WYL.DBW. PLYTA DO OT (F)	2	KZMD547197	OEM	
					KZMD547197		
					KZMD547197	PROMID	
					JUD307868-F		
					16076	UF LAMIERE	
					N_LH3110		
297		KZMD547484	SUPP.CIRC.BREAKER PLATE H500+AUX PLATE PLYTA WYL.DBW. ZASIL. H500+PLYTA POMOC.	2	KZMD547484	OEM	

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 00	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 61	DI FG. OF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 02	DESCRIZIONE DESCRIPTION OPIS AS PER COMMENTS WZIĄWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	DATA DATE 14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF						



Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
					KZMD547484		
					KZMD547484	PROMID	
					JUD308622_B		
					F727.19802GG0	UF LAMIERE	
					N_LH3503		
298		..KZMD547012	DEPTH MECHANICAL SUPPORT L=800MM (D) MECHANICZNY WSPORNIK GŁĘB. L=800MM (D)	4	KZMD547012	OEM	
					MD547012		
					KZMD547012	PROMID	
					JUD307334_D		
					F727.19806GG0	UF LAMIERE	
					N_LH3000		
299		..KC08PA-010	MECC. ASS. MODULAR PLATE L=800 4 LINES MECH. OS. PŁYTA MODULOWA L=800 4 LINES	1	KC08PA-010	OEM	
300		..KZMD547224	BOTTOM PLATE FOR CABINET IS2 W800 (C) DOLNA PŁYTA SZAFY IS2 W800 (C)	1	KZMD547224	OEM	
					KZMD547224	PROMID	
					JUD307825_D		
301		..KZMD547214	LOWER FIXING HINGE FOR PLATE (C) NIŻSZY ZAWIAS MOCUJĄCY DO PŁYTY (C)	1	KZMD547214	OEM	
					KZMD547214		
					KZMD547214	PROMID	
					JUD307799_E		
					LH2762		
302		..KZMD547219	ANGULAR PLATE FOR CABINET IS2 (B) PŁYTA NARÓŻNIKOWA DO SZAFY IS2 (B)	1	KZMD547219	OEM	
					KZMD547219		
					KZMD547219	PROMID	
					JUD307801_D		
303		..KZMD547223	PLATE FOR CABINET IS2 W=800MM (G) PŁYTA DO SZAFY IS2 W=800MM (G)	4	KZMD547223	OEM	
					KZMD547223		
					KZMD547223	PROMID	
					JUD307824_H		
304		..KZMD547213	UPPER FIXING HINGE FOR PLATE (C) WYŻSZY ZAWIAS MOCUJĄCY DO PŁYTY (C)	4	KZMD547213	OEM	
					KZMD547213		
					KZMD547213	PROMID	
					JUD307798_E		
					LH2761		
305		..KZMD547587	HINGER REINFORCED (B) WZMOCNIONY ZAWIASEM (B)	5	KZMD547587	OEM	
					KZMD547587		
					KZMD547587	PROMID	
					JUD309151_A		
					N_LH3655		
306		..KPMD547612	FIXING STIRRUP IS2 L600-800-1000 (B) STRZEMIE MOCUJĄCE IS2 L600-800-1000 (B)	4	KPMD547612	OEM	
					KPMD547612		
					MD547612	PROMID	
307		..SUP1009	BAR CARRIER ERICO BS250A BELKA NOŚNA ERICO BS250A	8	SUP1009	OEM	
					551300	ERICO	
					551300		
308		..TOFF4X40-001	TURRET IN GALVANIZED STEEL M4 F-F L40 WIEŻYCZKA ZE STALI GALWANIZ. M4 F-F L40	8	TOFF4X40-001	OEM	
					4570MC94	FASTPOINT	
309		..BAMD547783	HIGHER COPPER BAR DISTRIBUTION W=800 (B) WYŻSZA MIEDZIANA SZYNA DYSTRYBUCJI W=800 (B)	4	BAMD547783	OEM	
					BAMD547783		
					BAMD547783	PROMID	
310		..BAMD547784	LOWER COPPER BAR DISTRIBUTION W=800 (B) NIŻSZA MIEDZIANA SZYNA DYSTRYBUCJI W=800 (B)	4	BAMD547784	OEM	
					BAMD547784		
					BAMD547784	PROMID	
311		..KPMD547787	TOP PROTECTION DISTRIB. W=600-800 (B) OCHRONA GÓRNA DYSTR. W=600-800 (B)	1	KPMD547787	OEM	
					KPMD547787		
					KPMD547787	PROMID	
312		..KPMD547788	PROTECTION 1 LINE DISTR. W=600-800 (C) OCHRONA 1 LINIA DYSTR. W=600-800 (C)	4	KPMD547788	OEM	
					KPMD547788		

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 00	DATA DATE 19-11-14	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 62	DI FG. OF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 02	AS PER COMMENTS WZTAWSZY POD UWAGE	DATA DATE 04/12/14	DISEGNATORE : DRAWN BY : MF						



Pos.	DWG REF.	ODN. RYS.	CODE	KOD	DESCRIPTION	OPIS	Q.TY	SUPPLIER CODE	KOD DOSTAWCY	BRAND	MARKA	Note	Uwaga
			..KPMD547788		VERTICAL PROTECT.DISTR.MAX 4 LINES (C)	PIONOWA OCHR.DYSTR.MAKS 4 LINIE (C)	1	KPMD547788		PROMID			
313			..KPMD547789					KPMD547789		OEM			
								KPMD547789		PROMID			
314			..TOPB003013		L=88MM M4 EXAGONAL TOWER	L=88MM M4 WIEŻA SZEŚCIKĄTNA	4	TOPB003013		OEM			
								I4DIZ08840		OEM			
										VARIOUS			
315			..KZMD547831		FIXING REINFORZED PLATE FOR HINGES (A)	WZMOCNIONA PLYTA MOCUJĄCA DO PRZEGUBÓW (A)	5	KZMD547831		OEM			
								KZMD547831		PROMID			
316			..KC06PA-008		MECC. ASS. MODULAR PLATE L=600 4 LINES MECH. DS.	PLYTA MODULOWA L=600 4 LINIE	1	KC06PA-008		OEM			
317			..KZMD547212		BOTTOM PLATE FOR CABINET IS2 L600 (C)	DOLNA PLYTA SZAFY IS2 L600 (C)	1	KZMD547212		OEM			
								KZMD547212		PROMID			
								JUD307797_D					
318			..KZMD547214		LOWER FIXING HINGE FOR PLATE (C)	NIŻSZY ZAWIAS MOCUJĄCY DO PŁYTY (C)	1	KZMD547214		OEM			
								KZMD547214		PROMID			
								JUD307799_E					
								LH2762					
319			..KZMD547219		ANGULAR PLATE FOR CABINET IS2 (B)	PLYTA NAROŻNIKOWA DO SZAFY IS2 (B)	1	KZMD547219		OEM			
								KZMD547219		PROMID			
								JUD307801_D					
320			..KZMD547211		PLATE FOR CABINET IS2 L=600MM (E)	PLYTA DO SZAFY IS2 L=600MM (E)	4	KZMD547211		OEM			
								KZMD547211		PROMID			
								JUD307796_E					
321			..KZMD547213		UPPER FIXING HINGE FOR PLATE (C)	WYŻSZY ZAWIAS MOCUJĄCY DO PŁYTY (C)	4	KZMD547213		OEM			
								KZMD547213		PROMID			
								JUD307798_E					
								LH2761					
322			..KZMD547587		HINGER REINFORCED (B)	WZMOCNIONY ZAWIASEM (B)	5	KZMD547587		OEM			
								KZMD547587		PROMID			
								JUD309151_A					
								N_LH3655					
323			..KPMD547612		FIXING STIRRUP IS2 L600-800-1000 (B)	STRZEMIE, MOCUJĄCE IS2 L600-800-1000 (B)	4	KPMD547612		OEM			
								KPMD547612		PROMID			
								MD547612					
324			..SUP1009		BAR CARRIER ERICO BS250A	BELKA NOŚNA ERICO BS250A	8	SUP1009		OEM			
								551300		ERICO			
								551300					
325			..TOFF4X40-001		TURRET IN GALVANIZED STEEL M4 F-F L4.0	WIEŻYCZKA ZE STALI GALWANIZ. M4 F-F L4.0	8	TOFF4X40-001		OEM			
								4570MC94		FASTPOINT			
326			..BAMD547781		DISTRIBUTION HIGHER COPPER BAR W=600 (B)	WYŻSZA MIEDZIANA SZYNA DYSTRYBUCYJNA W=600 (B)	4	BAMD547781		OEM			
								BAMD547781		PROMID			
327			..BAMD547782		LOWER COPPER BAR DISTRIBUTION W=600 (B)	NIŻSZA MIEDZIANA SZYNA DYSTRYBUCYJNA W=600 (B)	4	BAMD547782		OEM			
								BAMD547782		PROMID			
								BAMD547782					
328			..KPMD547787		TOP PROTECTION DISTRIB. W=600-800 (B)	OCHRONA GÓRNA DYSTR. W=600-800 (B)	1	KPMD547787		OEM			
								KPMD547787		PROMID			
								KPMD547787					
329			..KPMD547788		PROTECTION 1 LINE DISTR. W=600-800 (C)	OCHRONA 1 LINIA DYSTR. W=600-800 (C)	4	KPMD547788		OEM			
								KPMD547788					

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JC143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 00	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 63	DI FG. OF SH. 69	
		400Vac 3Ph/220Vdc/400Vac 3Ph		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15	01 FOR CONSTRUCTION DO KONSTRUKCJI	02 AS BUILT POWYKONAWCZY	14/01/15	02/03/15	DISEGNATORE : DRAWN BY : MF				



Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
330		..KPMD547789	VERTICAL PROTECT.DISTR.MAX 4 LINES (C) PIONOWA OCHR.DYSTR.MAKS 4 LINIE (C)	1	KPMD547788 KPMD547789	PROMID OEM	
331		..TOPB003013	L=88MM M4 EXAGONAL TOWER L=88MM M4 WIEŻA SZEŚCIOKĄTNA	4	TOPB003013 I4DIZ08840	OEM OEM	
332		..KZMD547831	FIXING REINFORZED PLATE FOR HINGES (A) WZMOCNIENA PLYTA MOCUJĄCA DO PRZEGUBÓW (A)	5	KZMD547831 KZMD547831 KZMD547831	VARIOUS OEM PROMID	
333		..KC06PA-007	MECC. ASS. MODULAR PLATE L=600 3 LINES MECH. OS. PLYTA MODULKOWA L=600 3 LINIE	1	KC06PA-007	OEM	
334		..KZMD547212	BOTTOM PLATE FOR CABINET IS2 L600 (C) DOLNA PLYTA SZAFY IS2 L600 (C)	1	KZMD547212 KZMD547212	OEM PROMID	
335		..KZMD547214	LOWER FIXING HINGE FOR PLATE (C) NIŻSZY ZAWIAS MOCUJĄCY DO PŁYTY (C)	1	JUD307797_D KZMD547214 KZMD547214	OEM PROMID	
336		..KZMD547219	ANGULAR PLATE FOR CABINET IS2 (B) PLYTA NAROŻNIKOWA DO SZAFY IS2 (B)	1	LH2762 KZMD547219 KZMD547219	OEM PROMID	
337		..KZMD547211	PLATE FOR CABINET IS2 L=600MM (E) PLYTA DO SZAFY IS2 L=600MM (E)	3	JUD307801_D KZMD547211 KZMD547211	OEM PROMID	
338		..KZMD547213	UPPER FIXING HINGE FOR PLATE (C) WYŻSZY ZAWIAS MOCUJĄCY DO PŁYTY (C)	3	JUD307796_E KZMD547213 KZMD547213	OEM PROMID	
339		..KZMD547587	HINGER REINFORCED (B) WZMOCNIONY ZAWIASEM (B)	4	LH2761 KZMD547587 KZMD547587	OEM PROMID	
340		..KPMD547612	FIXING STIRRUP IS2 L600-800-1000 (B) STRZEMIEĆ MOCUJĄCE IS2 L600-800-1000 (B)	3	JUD309151_A N_LH3655 KPMD547612 MD547612	OEM PROMID	
341		..SUP1009	BAR CARRIER ERICO BS250A BELKA NOŚNA ERICO BS250A	6	551300 551300	OEM ERICO	
342		..TOFF4X40-001	TURRET IN GALVANIZED STEEL M4 F-F L4.0 WIEŻYCZKA ZE STALI GALWANIZ. M4 F-F L4.0	6	4570MC94 TOFF4X40-001	FASTPOINT OEM	
343		..BAMD547781	DISTRIBUTION HIGHER COPPER BAR W=600 (B) WYŻSZA MIEDZIANA SZYNA DYSTRYBUCYJNA W=600 (B)	3	BAMD547781 BAMD547781	OEM PROMID	
344		..BAMD547782	LOWER COPPER BAR DISTRIBUTION W=600 (B) NIŻSZA MIEDZIANA SZYNA DYSTRYBUCYJNA W=600 (B)	3	BAMD547782 BAMD547782	OEM PROMID	
345		..KPMD547787	TOP PROTECTION DISTRIB. W=600-800 (B) OCHRONA GÓRNA DYSTR. W=600-800 (B)	1	KPMD547787 KPMD547787	OEM PROMID	
346		..KPMD547788	PROTECTION 1 LINE DISTR. W=600-800 (C) OCHRONA 1 LINIA DYSTR. W=600-800 (C)	3	KPMD547787 KPMD547788	OEM PROMID	

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR	 100/14 dtd 03/11/14	DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE AS PER COMMENTS WZTAWSZY POD UWAGE FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	CONTR. CHECKED 19-11-14	DATA DATE 04/12/14 14/01/15 02/03/15	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 64	DI FG. OF SH. 69	
		DISEGNATORE : MF DRAWN BY :													



Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
		..KPM547789	VERTICAL PROTECT.DISTR.MAX 4 LINES (C) PIONOWA DCHR.DYSTR.MAKS 4 LINIE (C)	1	KPMD547788 KPMD547789	PROMID OEM	
347		..KPM547789	VERTICAL PROTECT.DISTR.MAX 4 LINES (C) PIONOWA DCHR.DYSTR.MAKS 4 LINIE (C)	1	KPMD547789	OEM	
		..TOPB003013	L=88MM M4 EXAGONAL TOWER L=88MM M4 WIEZA SZEŚCIKĄTNA	3	TOPB003013 I4DIZ08840	PROMID OEM OEM	
348		..TOPB003013	L=88MM M4 EXAGONAL TOWER L=88MM M4 WIEZA SZEŚCIKĄTNA	3	TOPB003013 I4DIZ08840	PROMID OEM OEM	
		..KZMD547831	FIXING REINFORZED PLATE FOR HINGES (A) WZMOCNIOWA PLYTA MOCUJĄCA DO PRZEGUBÓW (A)	4	KZMD547831 KZMD547831 KZMD547831	OEM OEM PROMID	
349		..KZMD547831	FIXING REINFORZED PLATE FOR HINGES (A) WZMOCNIOWA PLYTA MOCUJĄCA DO PRZEGUBÓW (A)	4	KZMD547831 KZMD547831 KZMD547831	OEM OEM PROMID	
		.KZMD547054	IP20 UPPER PROTECTION L=600MM RECT. (I) IP20 DCHRONA GÓRNA L=600MM PROST. (I)	1	KZMD547054 KZMD547054 KZMD547054_I	OEM OEM PROMID	
350		.KZMD547054	IP20 UPPER PROTECTION L=600MM RECT. (I) IP20 DCHRONA GÓRNA L=600MM PROST. (I)	1	KZMD547054 KZMD547054 KZMD547054_I	OEM OEM PROMID	
		.KZMD547055	IP20 LOWER PROTECTION L=600MM RECT. (F) IP20 DCHRONA DOLNY L=600MM PROST. (I)	1	JUD307435_G 17779 KZMD547055 KZMD547055	VARIOUS OEM UF LAMIERE OEM	
351		.KZMD547055	IP20 LOWER PROTECTION L=600MM RECT. (F) IP20 DCHRONA DOLNY L=600MM PROST. (I)	1	JUD307435_G 17779 KZMD547055 KZMD547055	VARIOUS OEM UF LAMIERE OEM	
		.KZMD547064	IP20 LOWER PROTECTION L=800MM X RECT.(F)IP20 DCHRONA DOLNY L=800MM PROST. (I)	1	KZMD547055_F JUD307436_D KZMD547064 KZMD547064	PROMID OEM OEM OEM	
352		.KZMD547064	IP20 LOWER PROTECTION L=800MM X RECT.(F)IP20 DCHRONA DOLNY L=800MM PROST. (I)	1	KZMD547055_F JUD307436_D KZMD547064 KZMD547064	PROMID OEM OEM OEM	
		.KZMD547063	UPPER PROTECTION IS2 L=800MM RECT. (H) DCHRONA GÓRNA IS2 L=800MM PROS. (H)	1	MD547064_F JUD307438_D KZMD547063 KZMD547063	PROMID OEM OEM OEM	
353		.KZMD547063	UPPER PROTECTION IS2 L=800MM RECT. (H) DCHRONA GÓRNA IS2 L=800MM PROS. (H)	1	KZMD547063 KZMD547063 KZMD547063_H JUD307437_F	OEM OEM PROMID OEM	
		.KZMD547752	CIRC.BREAKERS SUPPORT 800X150 WSPORNIK WYL.DBW. 800X150	2	F727.33611GG0 KZMD547752 KZMD547752 KZMD547752	UF LAMIERE OEM OEM PROMID	
354		.KZMD547752	CIRC.BREAKERS SUPPORT 800X150 WSPORNIK WYL.DBW. 800X150	2	JUD307329_F N_LH3023 KZMD547752 KZMD547752	OEM OEM ETA OEM	
		.KZMD547865	TERMINAL PLATE 600X150 IS2 PLYTA ZACISKU 600X150 IS2	2	JUD307328 JUD307328_F KZMD547865 KZMD547865	PROMID PROMID OEM OEM	
355		.KZMD547865	TERMINAL PLATE 600X150 IS2 PLYTA ZACISKU 600X150 IS2	2	JUD307328 JUD307328_F KZMD547865 KZMD547865	PROMID PROMID OEM OEM	
		.KZMD547010	BREAKER/TERMINALS PLATE FIX.SUPP (B) WYŁĄCZNIK /STALY WSPORPLYTY ZACISKOWEJ (B)	8	KZMD547010 KZMD547010 KZMD547010 KZMD547010	OEM OEM PROMID PROMID	
356		.KZMD547010	BREAKER/TERMINALS PLATE FIX.SUPP (B) WYŁĄCZNIK /STALY WSPORPLYTY ZACISKOWEJ (B)	8	JUD307332_B F727.19805GG0 N_LH3007 KZMD547010 KZMD547010	UF LAMIERE UF LAMIERE OEM OEM	
	XDD	.MOR070BB	BAR TO BAR 70MMQ POWER TERMINAL SZYNA DO KOŃCÓWKI 70MMQ ZACISKU MOCY	8	MOR070BB EN019000221 0190002.21	OEM ENTRELEC ENTRELEC	
357	XDD	.MOR070BB	BAR TO BAR 70MMQ POWER TERMINAL SZYNA DO KOŃCÓWKI 70MMQ ZACISKU MOCY	8	MOR070BB EN019000221 0190002.21	OEM ENTRELEC ENTRELEC	
	"	.MORACC010	IP20 TERMINAL COVER FOR MOR 70BB IP20 POKRYWA ZACISKOWA DO MOR 70BB	16	MORACC010 EN019001717 0190017.17	OEM ENTRELEC ENTRELEC	
358	"	.MORACC010	IP20 TERMINAL COVER FOR MOR 70BB IP20 POKRYWA ZACISKOWA DO MOR 70BB	16	MORACC010 EN019001717 0190017.17	OEM ENTRELEC ENTRELEC	
	XD	.MOR016VT	SCREW TERMINAL 16MMQ ZACISK ŚRUBOWY 16MMQ	140	MOR016VT EN011512914 011512914	OEM ENTRELEC ENTRELEC	
359	XD	.MOR016VT	SCREW TERMINAL 16MMQ ZACISK ŚRUBOWY 16MMQ	140	MOR016VT EN011512914 011512914	OEM ENTRELEC ENTRELEC	
	Z1	.PB273	PB EMIF-H_DER	1	PB273 EN011512914 M16/12 CBD16	OEM ENTRELEC OEM	
360	Z1	.PB273	PB EMIF-H_DER	1	PB273 EN011512914 M16/12 CBD16	OEM ENTRELEC OEM	
	QID	.IS30200A002	SWITCH 3P 200A OT200E03 PRZELĄCZNIK 200A OT200E03	1	IS30200A002 EO 425 2 - OT200E03	OEM ABB	
361	QID	.IS30200A002	SWITCH 3P 200A OT200E03 PRZELĄCZNIK 200A OT200E03	1	IS30200A002 EO 425 2 - OT200E03	OEM ABB	

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 00	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 65	DI FG. OF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 02	DESCRIZIONE DESCRIPTION OPIS AS PER COMMENTS WZIĄWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	DATA DATE 14/01/15 02/03/15	DIS. N DRAW. N DISEGNATORE : MF DRAWN BY :						



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pos.	DWG REF.	ODN. RYS.	CODE	KOD	DESCRIPTION	OPIS	Q.TY	SUPPLIER CODE	KOD DOSTAWCY	BRAND	MARKA	Note	Uwaga		
362			.IC-OEA28		DEVICE FOR AUX CONTACT OT200..800	URZĄDZENIE DO STYKÓW POMOC. OT200..800	1	IC-OEA28		OEM					
								EO 512 7		ABB					
363	"		.ICAUX003		N.O. AUXILIARY CONTACT N.O. STYK POMOCNICZY		3	ICAUX003		OEM					
								EO 001 1 - OA1G10		ABB					
364			.ICAUX038		AUX CONTACT N.C. FOR OT16...125E	STYK POMOCNICZY N.C. FOR OT16..125E	1	ICAUX038		OEM					
								EO 000 3 - OA1G01		ABB					
365	"		.IC-OHB65J6		BLACK HANDLE 65MM OHB65J6	CZARNY UCHWYT 65MM OHB65J6	1	IC-OHB65J6		OEM					
								EO 087 0		ABB					
366	"		.IC-OXP6X210		TREE DRZEWO		1	IC-OXP6X210		OEM					
								KZ 595 6		ABB					
								3-KZ5956							
367	"		.ICCM007		TERMINAL COVER OT200/250A 3P	POKRYWA ZACISKU OT200/250A 3P	2	ICCM007		OEM					
								EO 480 7		ABB					
368			.KZMD547479		PLATE FOR OT45-350 + HANDLE (D)	PLYTA DO OT45-350 + UCHWYT <D>	1	KZMD547479		OEM					
								547479		SITEC					
								KZMD547479		PROMID					
								JUD308568-D							
								19304		UF LAMIERE					
								N_LH3502							
369	"		.BAMD547481		OT200-250 BAR (C)		6	BAMD547481		OEM					
								BAMD547481							
								JUD308616_B							
								BAMD547481		PROMID					
								BAMD547481		UF LAMIERE					
370	3TV		.PB-FS1383		CARD 3TV	KARTA 3TV	1	PB-FS1383		OEM					
								3TV		OEM					
371	CV		.IM2P4S001		CHANGE OVER 2WAY 4POS	PRZEŁĄCZNIKI 2DRÓŻ 4POZ	1	IM2P4S001		OEM					
								CA10-C38770/E		COMAREL					
								GX1667U		LOVATO					
								GX1667U51		LOVATO					
								TP-001000701E1N1		TELERGON					
372	VD		.MI500VAA001		VOLTMETER 72X72 500/100VAC	90° WOLTMIERZA 72X72 500/100VAC 90°	1	MI500VAA001		OEM					
								F72EVX500XCO							
								ERI72 500/100VAC		REVALCO					
								EQ72E/500VAAC001		UNIDATA					
								RIF. FASE: 72-C		FASE					
373	FD		.MI050HAA027		FREQUENCYM 72X72 45-55HZ	100VAC 90° 1% CZEŚCOTLIWOŚĆ N 72X72 45-55HZ 100VAC 90° 1%	1	F72FPX455XSQ		FRER					
								ERF72100V45-55		REVALCO					
374	CA		.IM4P4S002		CHANGE OVER 4WAY 4POS	PRZEŁĄCZNIKI 4DRÓŻ 4POZ	1	IM4P4S002		OEM					
								GX1698U		LOVATO					
								GX1698U51		LOVATO					
								TP-001000731E1N1		TELERGON					
375	AD		.MI200AAA001		AMMETER 72X72 200A/5A	90° AMPERDMIERZ 72X72 200A/5A 90 A°	1	MI200AAA001		OEM					
								F72EAX200X05							
								ERI72 200/5A		REVALCO					
376	TDR-TDS-TDT		.TA200/005A		CURRENT TRANSFORMER 200/5A	PRZEKŁADNIK PRĄDOWY 200/5A	3	TA200/005A		OEM					
								TAT022200X05		FRER					
								TAM1D200A							
								TAM1D 200A		REVALCO					
								TA B1 200/5		UNIDATA					
								TA B1 200/5							
								TA30D-200/5A		FASE					
377	F27/59		.FH3N10X38		10X38 3 POLES FUSE HOLDER	10X38 3 BIEGUNOWY WSPORNIK BEZPIECZNIKÓW	1	FH3N10X38		OEM					
								480332		DF					
								CMS103SP							
								M215659		FERRAZ					
								EA 204 6 - M204753		ABB					

CLIENTE CUSTOMER KLIENT			DESCRIZIONE - DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 	DATA DATE 19-11-14	DIS. N. DRAW. N. 10168EKEY404	SCALA : SCALE : 	FG. SHEET 66	DI FG. OF SH. 69	
N. ORDINE ORDER N. ZAMÓWIENIE NR			100/14 dtd 03/11/14	BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW		MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 	01	AS PER COMMENTS WZIĄWSZY POD UWAGĘ	04/12/14	14/01/15	DISEGNATORE : DRAWN BY : MF			

Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
378	"	.FN0002GGX38	FUSE 2A GI/GL 10.3X38 BEZPIECZNIK 2A GI/GL 10.3X38	3	FN0002GGX38	OEM	
					420002	DF	
					FR10GG50V2		
					D213098J	FERRAZ	
						LEGRAND	
					WE10,3X382	WEBER	
379	27/59VRT	.RLE27/59A002	EL. RELAY 27/59 3PH 300-500VAC EL. PRZEKAŹNIK 27/59 3PH 300-500VAC	2	RLE27/59A002	OEM	
					CMPVS41S	ABB	
380	64RT	.RLE64A007	EARTH FAULT MONIT. 400AC CM-IWS.2S ZIEMIA BŁĄD MONIT. 400AC CM-IWS.2S	1	RLE64A007	OEM	
					CMIWS2S	ABB	
381	REF	.RLK4S230A001	CR-M 4 CONTACT RELAY 230VAC CR-M 4 PRZEKAŹNIK STYKOWY 230 VAC	1			
382		.RL4S230A001	RELAY 4 CONTACT 230VAC PRZEKAŹNIK 4 STYKI 230VAC	1	RL4S230A001	OEM	
					ER 582 7	ABB	
					FINDER 553482300040		
						FINDER	
383		.RLZ001-A	CR-M4LS SOCKET FOR 4 C/O (CR-M) CR-M4LS GNIAZDO DO 4 C/O (CR-M)	1	RLZ001-A	OEM	
					ER 605 6	ABB	
384		.RLZ001-B	CR-MH RELAY CR-M LOCK CR-MH PRZEKAŹNIK BLOKADA CR-M	1	RLZ001-B	OEM	
					ER 609 8	ABB	
385	F64	.FH2N10X38	10X38 2 POLES FUSE HOLDER 10X38 2 BIEGUNOWY WSPORNIK BEZPIECZNIKÓW	1	FH2N10X38	OEM	
					480232	DF	
					CMS102SP		
					CMS102SP	FERRAZ	
					M200883	ABB	
					EA 203 8	ABB	
386	"	.FN0002GGX38	FUSE 2A GI/GL 10.3X38 BEZPIECZNIK 2A GI/GL 10.3X38	2	FN0002GGX38	OEM	
					420002	DF	
					FR10GG50V2		
					D213098J	FERRAZ	
						LEGRAND	
					WE10,3X382	WEBER	
387	QHS2	.IA2C010A007	MCB 2P C 10A S202	1	IA2C010A007	OEM	
					S465700 - S202 C10	ABB	
388	TH2	.TE10/080C	THERMOSTAT- 10-80CÂ° NC TERMOSTAT-10-80 CA° NC	1	TE10/080C	OEM	
					TRT-10A230V-NCK25	FANDIS	
389	RHS6-7	.RH150W220V	RES.ANTI-HEATHER 150W 220V RES.PRZECIWIWRZALKI 150W 220V	2	RH150W220V	OEM	
					RAC-150	FANDIS	
390	DS6-7	.APVA031	MICRO SWITCH 1 CHANGEOVER CONTACT 5A 0 MIKRO PRZEŁĄCZNIK 1 STYK ZMIANY 5A 0	2	MK-H11D09	PIZZATO	
					AM1307	PANASONIC	
391	"	.KZMDG07064	STIRRUP FOR SWITCH CLOSING CABIN.DOOR(A STRZEMIE DO PRZEŁĄCZ. ZAMYK. SZAFY.DRZWI(A	2	MDG07064	PROMID	
392	HL6-7	.APLA230V006	LAMP ACC IST 8W 2700K LAMPA ACC IST 8W 2700K	2	APLA230V006	OEM	
					LNK.8.WW/021296		
393	"	.KZMD547919	SUPPORT WSPORNIK	2	KZMD547919	OEM	
					JUD312040	PROMID	
394	QID	.IA3C032A002	MCB 3P C 32A S203	1	IA3C032A002	OEM	
					S468305	ABB	
395	QID	.IA4C010A002	MCB 4P C 10A S204	2	S529198	ABB	
396	QID	.IA4C050A002	MCB 4P C 50A S204	1	S551106	ABB	
397	QID	.IA4C006A001	MCB 4P C 6A S204	7	IA4C006A001	OEM	
					S529174	ABB	
398	QID	.IA4C004A001	MCB 4P C 4A S204	1	S529167	ABB	
399	QID	.IA3C004A002	MCB 3P 4A C S203	5	S523462	ABB	
400	QID	.IA3C006A003	MCB 3P C 6A S203	1	S467506	ABB	
401	QID	.IA2C004A001	MCB 2P C 4A S202	17	IA2C004A001	OEM	
					S523400 - S202 C4	ABB	
402	QID	.IA2C006A007	MCB 2P C 6A S202	8	IA2C006A007	OEM	

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS ZESTAWIENIE MATERIAŁÓW	COMMESSA JOB Praca JCB143229	EMESSO ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED /	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 67	DI FG. OF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE /	01 FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	02 /	14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF					




Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
403	QID	.IA3C016A003	MCB 3P C 16A S203 C16	1	S465502 IA3C016A003	ABB OEM	
404	QID	.IA3C010A001	MCB 3P C 10A S203	1	S468008 IA3C010A001	ABB OEM	
405	QID	.IA2C002A001	MCB 2P C 2A S202	1	S467803 IA2C002A001	ABB OEM	
406	QID	.IA2C016A001	MCB 2P C 16A S202	2	S523387 IA2C016A001	ABB OEM	
407	QID	.IA4C020A002	MCB 4P C 20A S204	1	S465908 S529228	ABB ABB	
408	QID	.IA2C020A005	MCB 2P C 20A S202	1	IA2C020A005	OEM	
409	QID	.IA2C010A007	MCB 2P C 10A S202	1	S466004 - S202 C20 IA2C010A007	ABB OEM	
410	"	.ICAUX025	AUX OR TRIP CONTACT S200-F200 SERIES AUX lub podróż SKONTAKTUU S200-F200 SERIES	51	S465700 - S202 C10 ICAUX025	ABB OEM	
411		.KZMD547752	CIRC.BREAKERS SUPPORT 800X150 WSPORNIK WYŁ.OBW. 800X150	2	A563819 KZMD547752	ABB OEM	
412		.BAMD547781	DISTRIBUTION HIGHER COPPER BAR W=600 (B) WYŻSZA MIEDZIANA SZYNA DYSTRYBUCYJNA W=600 (B)	7	KZMD547752 JUD307329_F N_LH3023 KZMD547752	PROMID ETA	
413		.BAMD547782	LOWER COPPER BAR DISTRIBUTION W=600 (B) NIŻSZA MIEDZIANA SZYNA DYSTRYBUCYJNA W=600 (B)	7	BAMD547781 BAMD547781 BAMD547781	OEM PROMID	
414		.BAMD547783	HIGHER COPPER BAR DISTRIBUTION W=800 (B) WYŻSZA MIEDZIANA SZYNA DYSTRYBUCYJNA W=800 (B)	4	BAMD547782 BAMD547782 BAMD547782	OEM PROMID	
415		.BAMD547784	LOWER COPPER BAR DISTRIBUTION W=800 (B) NIŻSZA MIEDZIANA SZYNA DYSTRYBUCYJNA W=800 (B)	4	BAMD547783 BAMD547783 BAMD547783	OEM PROMID	
					BAMD547784 BAMD547784	OEM	
					BAMD547784	PROMID	

CLIENTE CUSTOMER KLIENT N. ORDINE ORDER N. ZAMÓWIENIE NR		DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA 400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS/SPARE PARTS ZESTAWIENIE MATERIAŁÓW / CZĘŚCI ZAMIENNE	COMMESSA JOB Praca JCB143229	EMESSE ISSUED Freschi	DATA DATE 19-11-14	REV. 00	DESCRIZIONE DESCRIPTION OPIS FIRST ISSUE	CONTR. CHECKED 00	DATA DATE 19-11-14	DIS. N DRAW. N 10168EKEY404	SCALA : SCALE : CAT. A	FG. SHEET 68	DI FG. OF SH. 69	
			MATR. PART NUMB. L14-002	APPROV. APPROVED Conti	DATA DATE 14/01/15	01 FOR CONSTRUCTION DO KONSTRUKCJI	02 AS BUILT POWYKONAWCZY	14/01/15 02/03/15	DISEGNATORE : DRAWN BY : MF					

SPARE PARTS LIST FOR START UP AND COMMISSIONING

LISTA CZĘŚCI ZAMIENNYCH DO URUCHOMIENIA I ODDANIE DO EKSPLOATACJI

Pos.	DWG REF. ODN. RYS.	CODE KOD	DESCRIPTION OPIS	Q.TY	SUPPLIER CODE KOD DOSTAWCY	BRAND MARKA	Note Uwaga
		JCB143229-B-PC		0			
1	F1-2-3	FS0500AR	FUSE EXTRARAPID 500A BEZPIECZNIK EXTRASZYBKI 500A	2	FS0500AR	OEM	
					2056322.500	SIBA	
					BZ2000UD69V500P	FERRAZ	
					H330172C	FERRAZ	
					2056322.500		
2	"	FCNT009	MICROCONTACT FOR FUSE TRIP INDICATOR MIKROSTYK DO WSKAŹNIKA WYZWOLENIA BEZPIECZNIKA	2	FCNT009	OEM	
					5805305.1	SIBA	
					Y310015C		
					MC6,3GR2-5N (Y310015C)	FERRAZ	
					Y310015C	FERRAZ	
					BS1ZN + BS1ZNS	BUSSMANN	
3	F	FN0002GGX38	FUSE 2A GI/GL 10.3X38 BEZPIECZNIK 2A GI/GL 10.3X38	10	FN0002GGX38	OEM	
					420002	DF	
					FR10GG50V2		
					D213098J	FERRAZ	
						LEGRAND	
					WE10,3X382	WEBER	
4	F7-8-9	FN0200AR	FUSE EXTRARAPID 200A BEZPIECZNIK EXTRASZYBKI 200A	2	FN0200AR	OEM	
					2056120.200	SIBA	
					BZ000UD69V200	FERRAZ	
					D330145C	FERRAZ	
					200FM	BUSSMANN	
					D330145C		
					2056120.200		
5	F	FN01,6TX20	FUSE 5X20 1.6A BEZPIECZNIK 5X20 1.6A	10	FN01,6TX20	OEM	
					179120.1.6.		
						VARIOUS	
6	F	FN06,3X32	FUSE CERAMIC 6.3X32 1A BEZPIECZNIK CERAMICZNY 6.3X32 1A	10	FN06,3X32	OEM	

CLIENTE CUSTOMER KLIENT			DESCRIZIONE -DESCRIPTION DUAL AC UPS E3001.e 100kVA		COMMESSA JOB Praca	EMESSE ISSUED	DATA DATE	REV.	DESCRIZIONE DESCRIPTION OPIS	CONTR. CHECKED	DATA DATE	DIS. N. DRAW. N.	 SCALA : SCALE :	FG. SHEET	DI FG. OF SH.	
N. ORDINE ORDER N. ZAMÓWIENIE NR			400Vac 3Ph/220Vdc/400Vac 3Ph BILL OF MATERIALS/SPARE PARTS ZESTAWIENIE MATERIAŁÓW / CZĘŚCI ZAMIENNE	JCB143229	Freschi	19-11-14	00	FIRST ISSUE	19-11-14	04/12/14	10168EKEY404	CAT. A	69	69		
100/14 dtd 03/11/14					L14-002	Conti	01 02	AS PER COMMENTS WZIĄWSZY POD UWAGĘ FOR CONSTRUCTION DO KONSTRUKCJI AS BUILT POWYKONAWCZY	14/01/15 02/03/15	DISEGNATORE : MF DRAWN BY :						