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MITSUBISHI 9800A SERIES UPS

SCHEMATIC DIAGRAM LIST

PROJECT 100kVA(600V) UL LISTED UPS

TYPE: UP9833A-D104DU-6

計

9

図番 AZ23820

記録

UP33BU

E01

97-03

A

B

C

D

E

F

Win版

CAD

出図先

DF

UPS機

控

計

1 2 3 4 5 6 7 8 9

A

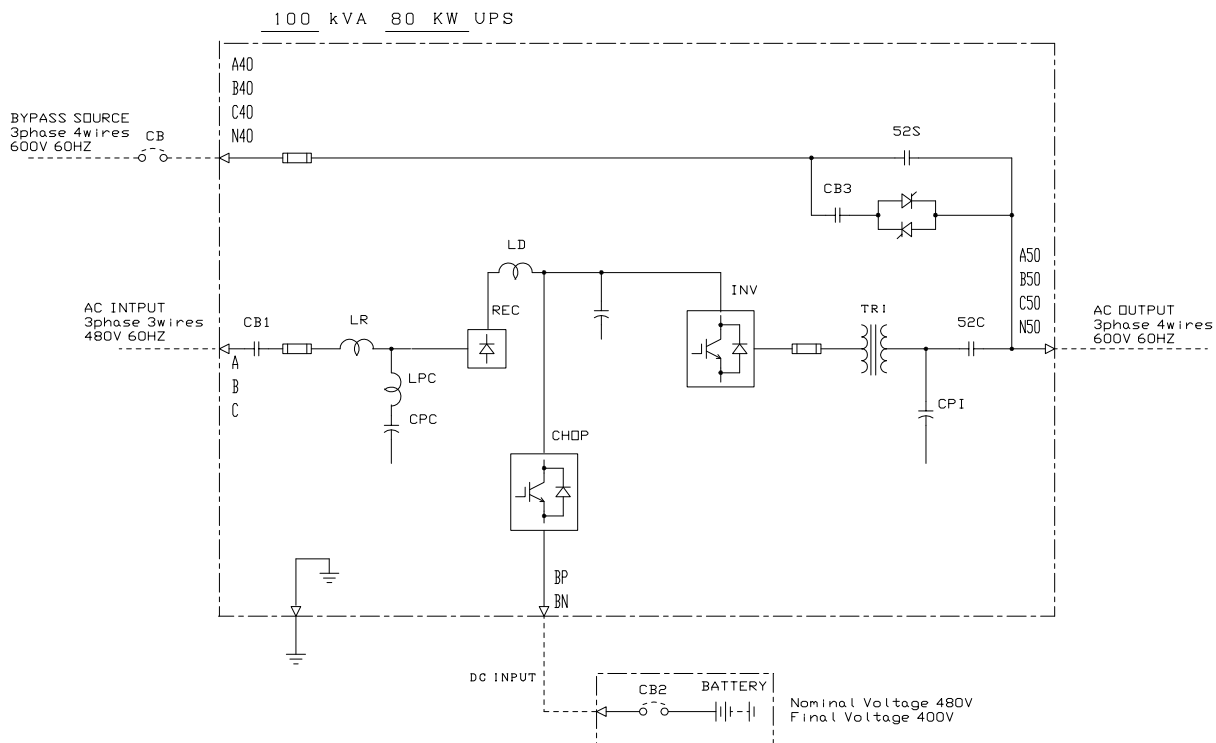
B

C

D

E

F



MITSUBISHI
ELECTRIC

日付

DATE

作成・監査

DRAWN

設計・検認

APPROVED

T. KUYA

T. KUYA

SYSTEM CONFIGURATION(1)

AZ23820

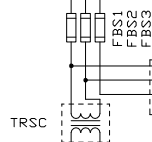
SHEET NO.
E01

PAGE NO.
002

1 2 3 4 5 6 7 8 9

BYPASS INPUT
3PH4W
AC600V
60Hz

(A40) FSU
(B40) FSV
(C40) FSW
(N40)

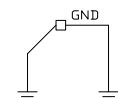


VOLTAGE SENSOR

52S CONTROL CIRCUIT

CB3 CONTROL CIRCUIT

CONTROL POWER SUPPLY



AC INPUT
3PH3W
AC480V
60Hz

(A)
(B)
(C)

CB1 FCU
FCV
FCW
FUB
FUD
FUC



VOLTAGE SENSOR

DCU

DCV

DCW

QU

QV

QW

CDP

RCDP

CDN

RCDN

CSIU

CSIV

FIU

FIV

TR1

52C

CT1

CT2

CT3

(A50)

(B50)

(C50)

(N50)

AC OUTPUT
3PH4W
AC600V
60Hz

VOLTAGE SENSOR

52C CONTROL CIRCUIT

CONTROL POWER SUPPLY

TRCC

88RC

RDSM1

RDSM2

VOLTAGE SENSOR

CONTROL POWER SUPPLY

CB1 CONTROL CIRCUIT

CPM

DLCH

CSB

LCH

DC INPUT
DC480V

(BP)

(BN)

VOLTAGE SENSOR

TRIC

THF1

FM1

Win版

CAD

出図先

DF

UPS機

控

計

DEVICE No.	STANDARD	OPTION
FSU, FSV, FSW	BUS	FUSE



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DATE

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APPROVED

T. KOUYA

T. KOUYA

SYSTEM CONFIGURATION(2)

AZ23820

SHEET NO.

E02

PAGE NO.

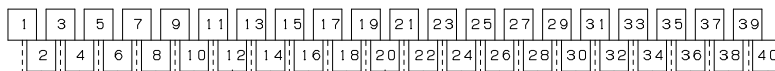
003

PCB IOAU-04

EXTERNAL COMMUNICATION
CONNECTOR

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CN1
(DSUB-9P)

TN1 OUT



MAJOR FAULT

OUT1:LOAD ON BYPASS

OUT2:LOAD ON INVERTER

OUT3:BATTERY OPERATION

OUT4:RECTIFIER OPERATION

OUT5:BATTERY LOW VOLTAGE

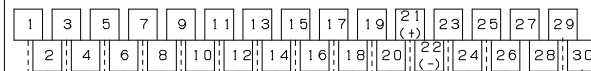
OUT6:OVERLOAD

OUT7:SPARE

OUT8:SPARE

OUT9:SPARE

TN2 IN



IN1:REMOTE INVERTER START

IN2:REMOTE INVERTER STOP

IN3:BATTERY TEMP. HIGH

IN4:POWER DEMAND

IN5:SPARE

IN6:SPARE

IN7:SPARE

IN8:SPARE

IN9:SPARE

IN10:SPARE

REMOTE EPO

CB2 UVT

CB2 AX

52L AX

52C AX

Win版

CAD

出図先

DF

UPS機

控

計



MITSUBISHI
ELECTRIC

日付
DATE

APR. 04, 2003

作成・描画
DRAWN

T. KUYA

設計・検認
APPROVED

T. KUYA

EXTERNAL SIGNAL

TERMINAL BLOCK

AZ23820

SHEET NO.
K01

PAGE NO.
005/005