

YASKAWA

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DATE: 12/16/11
 DRAWING NO: DS-A1C1.03
 REVISION: 06
 DATE: 10/07/15
 DWP
 ECO #: 6422
 DESCRIPTION: UPDATE CUSTOMER WIRING TO BOLD LINES
 DRAWN BY: DWP
 DATE: 10/07/15

REVISIONS

REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
06	UPDATE CUSTOMER WIRING TO BOLD LINES	6620	DWP	10/07/15
05	ADDED FM, AM, MP TERMINALS TO DRIVE	6422	DWP	07/17/15

SEE SHEET 2 FOR NOTES.
 SEE DRAWING UDE00342 FOR CUSTOMER CONNECTIONS.
 SEE DRAWING UDE00337 FOR DRIVE PARAMETER SETTINGS.

OPTION PX

FOR BASE NO'S A002-A130, B001-B065, C1P3-C032

OPTION PY

FOR BASE NO'S A002-A130, B001-B065, C1P3-C032

OPTION PZ

MANUAL SPEED POT ASSEMBLY PART NO. URSN0008

OPTION PH

3% LOAD REACTOR

OPTION PN

DELTA-WYE CAPACITIVE INPUT FILTER

OPTION PR

3% INPUT REACTOR

OPTION PF

DRIVE INPUT FUSES

OPTION PL

DYNAMIC BRAKING

OPTION PD

CIRCUIT BREAKER

OPTION PC

OR PE

OPTION PB

OR

OPTION PA

OR

OPTION P9

TO SH. 2 CDBR AND RESISTOR(S) OVERTEMP CONTACT

OPTION P8

TO SH. 2 CDBR AND RESISTOR(S) OVERTEMP CONTACT

OPTION P7

TO SH. 2 CDBR AND RESISTOR(S) OVERTEMP CONTACT

OPTION P6

TO SH. 2 CDBR AND RESISTOR(S) OVERTEMP CONTACT

OPTION P5

TO SH. 2 CDBR AND RESISTOR(S) OVERTEMP CONTACT

OPTION P4

TO SH. 2 CDBR AND RESISTOR(S) OVERTEMP CONTACT

OPTION P3

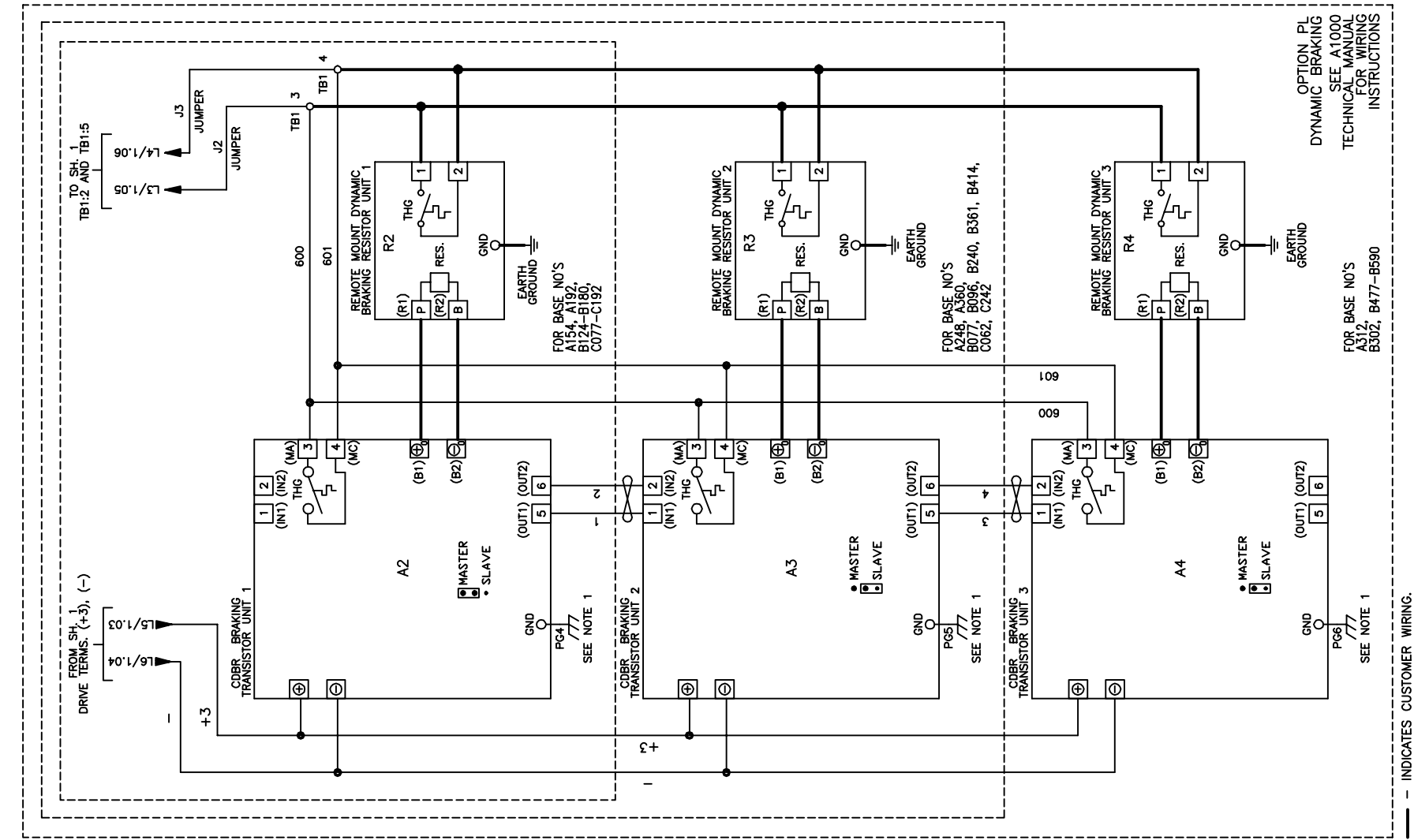
TO SH. 2 CDBR AND RESISTOR(S) OVERTEMP CONTACT

OPTION P2

TO SH. 2 CDBR AND RESISTOR(S) OVERTEMP CONTACT

OPTION P1

TO SH. 2 CDBR AND RESISTOR(S) OVERTEMP CONTACT



NOTES:

1. CONNECTED TO THE CABINET. CUSTOMER TO CONNECT THE CABINET GROUND LUG TO EARTH GROUND.
2. CONDUIT FITTINGS/HUBS SHALL COMPLY WITH THE 'STANDARD FOR CONDUIT, TUBING, AND CABLE FITTINGS, UL 514B', OR CONDUIT FITTINGS HAVING THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE SHALL BE USED.
3. WITHOUT THE CIRCUIT BREAKER (OPTION PC OR PE), OR DISCONNECT SWITCH (OPTION PD), THE DISCONNECT MEANS MUST BE SUPPLIED BY THE CUSTOMER.
4. BRANCH CIRCUIT PROTECTION TO BE SUPPLIED BY THE CUSTOMER WHEN NOTED ON THE CABINET DATA NAMEPLATE.
5. INSULATED TWISTED SHIELDED WIRE IS REQUIRED. SHIELD TO CONNECT TO PROPER TERMINALS AS SHOWN. CONNECT THE SHIELD ONLY AT THIS END. STUB AND ISOLATE THE OTHER END. DO NOT RUN THESE WIRES IN THE SAME CONDUIT AS THE AC POWER AND AC CONTROL WIRES. KEEP ALL WIRING UNDER 50m IN LENGTH.
6. FOR A CONTROL TRANSFORMER T1 POWER RATING OF 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
7. CUSTOMER TO REMOVE JUMPERS J2 AND J3 FOR WIRING TO EXTERNAL CONTROL LOGIC, IF APPLICABLE.
8. IF AC MOTOR IS FURNISHED WITH A N.C. THERMAL SWITCH THEN SET DRIVE PARAMETER H1-08 TO 27. THIS WILL CAUSE THE DRIVE TO COAST TO STOP UPON A AC MOTOR THERMAL FAULT. ALONG WITH THIS, ADD THE FOLLOWING CUSTOMER WIRING: WIRE THE N.C. THERMAL SWITCH BETWEEN DRIVE TERMINALS S8 AND SN, AS PER NOTE 5 ABOVE.
9. OPTIONS ID, IG, TH OR TO CONTROL (SEE UDE00337 FOR MORE INFORMATION);
 OPTION TD = ETHERNET/IP
 OPTION TG = DEVICENET
 OPTION TH = PROFIBUS
 OPTION TO = ETHERNET MODBUS TCP/IP

	DRAWN BY: K. MALUSIC CHECKED: D.R. CMELAK TECH:	DATE: 12/16/11 DATE: 12/16/11 DATE:	TITLE: SCHEMATIC DIAGRAM A1000 CONFIGURED NORMAL DUTY RATING TYPE 1	SIZE: D DRAWING #	REVISION: 06 PAGE: 2 of 2
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