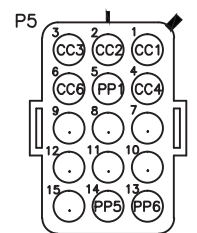


ENCLOSURE BACK PANEL

REV	DATE	REVISION	BY	APP
-	12-4-13	NEW DRAWING [CT70295]	DFS	

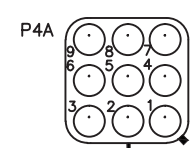
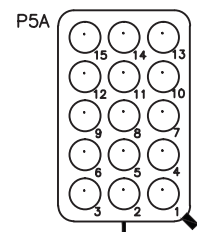
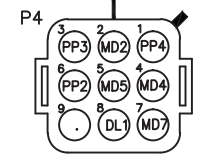
P5 CONNECTIONS

- PIN #1 CC1 (P3-1)
- 2 CC2 (P3-2)
- 3 CC3 (P3-3)
- 4 CC4 (P3-4)
- 5 PP1 (P3-12)
- 6 CC6 (P3-5)
- 7 N/C .
- 8 N/C .
- 9 N/C .
- 10 N/C .
- 11 N/C .
- 12 N/C .
- 13 PP6 (P3-17)
- 14 PP5 (P3-16)
- 15 N/C .



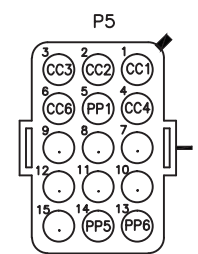
P4 CONNECTIONS

- PIN #1 PP4 (P3-15)
- 2 MD2 (P3-7)
- 3 PP3 (P3-14)
- 4 MD4 (P3-8)
- 5 MD5 (P3-9)
- 6 PP2 (P3-13)
- 7 MD7 (P3-10)
- 8 DL1 (P3-19)
- 9 N/C .



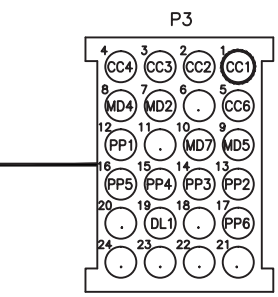
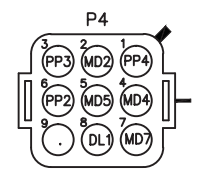
P4 CONNECTIONS

- PIN #1 PP4 (P3-15)
- 2 MD2 (P3-7)
- 3 PP3 (P3-14)
- 4 MD4 (P3-8)
- 5 MD5 (P3-9)
- 6 PP2 (P3-13)
- 7 MD7 (P3-10)
- 8 DL1 (P3-19)
- 9 N/C .



P5 CONNECTIONS

- PIN #1 CC1 (P3-1)
- 2 CC2 (P3-2)
- 3 CC3 (P3-3)
- 4 CC4 (P3-4)
- 5 PP1 (P3-12)
- 6 CC6 (P3-5)
- 7 N/C .
- 8 N/C .
- 9 N/C .
- 10 N/C .
- 11 N/C .
- 12 N/C .
- 13 PP6 (P3-17)
- 14 PP5 (P3-16)
- 15 N/C .

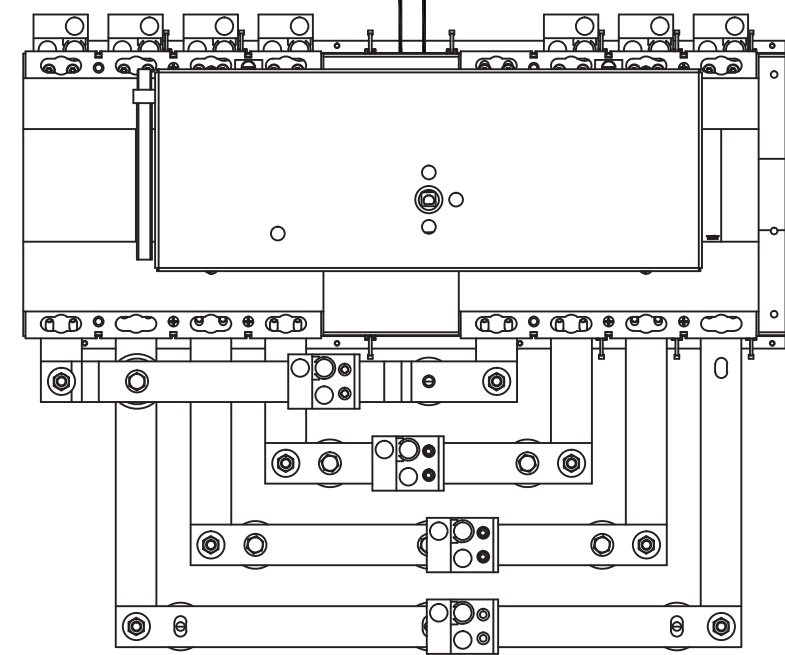


P3 CONNECTIONS

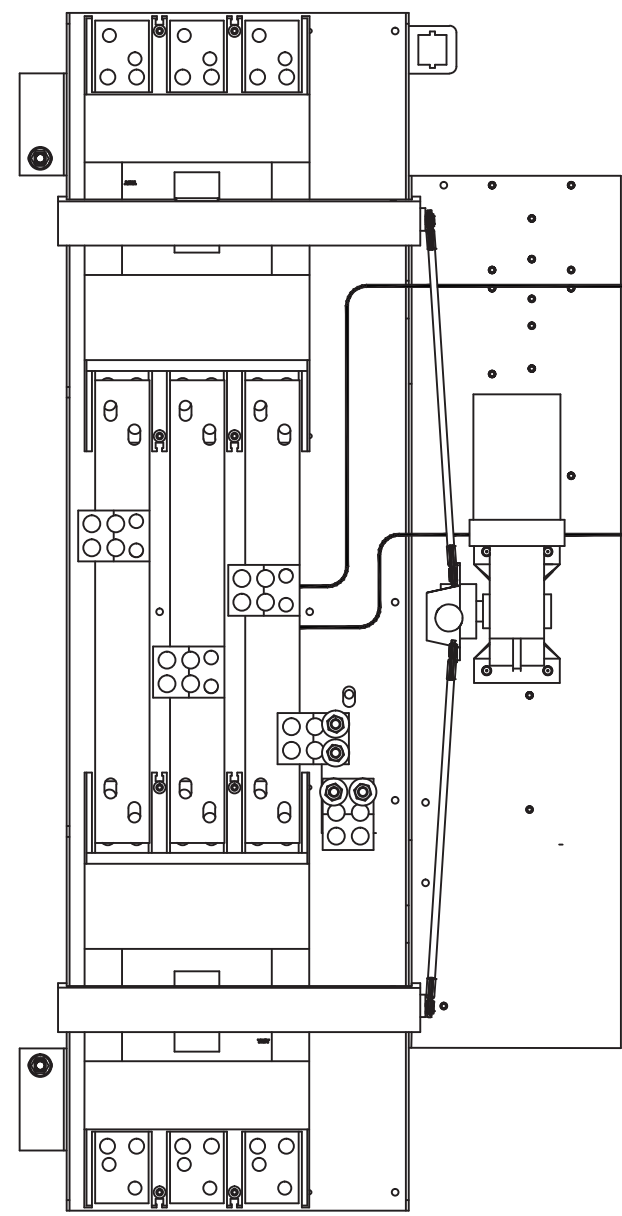
- PIN #1 CC1 (P5-1)
- 2 CC2 (P5-2)
- 3 CC3 (P5-3)
- 4 CC4 (P5-4)
- 5 CC6 (P5-6)
- 6 N/C .
- 7 MD2 (P4-2)
- 8 MD4 (P4-4)
- 9 MD5 (P4-5)
- 10 MD7 (P4-7)
- 11 N/C .
- 12 PP1 (P5-5)
- 13 PP2 (P4-6)
- 14 PP3 (P4-3)
- 15 PP4 (P4-1)
- 16 PP5 (P5-14)
- 17 PP6 (P5-13)
- 18 N/C .
- 19 DL1 (P4-8)
- 20 N/C .
- 21 N/C .
- 22 N/C .
- 23 N/C .
- 24 N/C .

GM71484 HARNESS REF.

(TO TRANSFORMER PANEL SHEET 2)



100-800 AMP MECHANISM  
(4P, 800A UNIT SHOWN)



1000-1200 AMP MECHANISM

UNLESS OTHERWISE SPECIFIED - 1) DIMENSIONS ARE IN INCHES 2) TOLERANCES ARE: FRACTIONS ±		KOHLER CO. POWER SYSTEMS, KOHLER, WI 53044 U.S.A. THIS DRAWING, IN DESIGN AND DETAIL, IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
MODEL KEP 100-1200A SERVICE ENTRANCE PROGRAMMED TRANSITION FOR SCHEMATIC DIAGRAM SEE GMB9725		DIAGRAM, WIRING	
APPROVALS	DATE	SCALE	SHEET 1-3
DESIGNED DFS	12-4-13	1/1	
CHECKED MTL	12-4-13		
APPROVED HCC	12-4-13		
DRAWING NO. GMB9725		SHEET 1-3	

ENCLOSURE SIDE PANEL

TRANSFORMER PANEL

REV	DATE	REVISION	BY
-	12-4-13	NEW DRAWING [C170293]	DFS

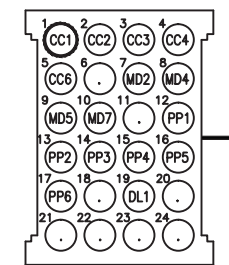
P3A CONNECTIONS

- PIN #1 CC1 (43DC-1L1)
- 2 CC2 (43DC-3L2)
- 3 CC3 (43DC-5L3)
- 4 CC4 (W2)
- 5 CC6 (W1)
- 6 N/C
- 7 MD2 (P2A-9)
- 8 MD4 (P2A-7)
- 9 MD5 (W3)
- 10 MD7 (P2A-12)
- 11 N/C
- 12 PP1 (P2A-14)
- 13 PP2 (P2A-15)
- 14 PP3 (P2A-16)
- 15 PP4 (P2A-17)
- 16 PP5 (P2A-18)
- 17 PP6 (P2A-19)
- 18 N/C
- 19 DL1 (P2A-5)
- 20 N/C
- 21 N/C
- 22 N/C
- 23 N/C
- 24 N/C

P2A CONNECTIONS

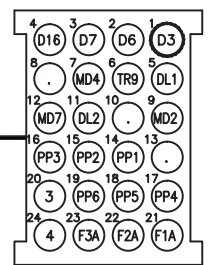
- PIN #1 D3 (W5)
- 2 D6 (W1)
- 3 D7 (W2)
- 4 D16 (W4)
- 5 DL1 (P3A-19)
- 6 TR9 (TR-9)
- 7 MD4 (P3A-8)
- 8 N/C
- 9 MD2 (P3A-7)
- 10 N/C
- 11 DL2 (W3)
- 12 MD7 (P3A-10)
- 13 N/C
- 14 PP1 (P3A-12)
- 15 PP2 (P3A-13)
- 16 PP3 (P3A-14)
- 17 PP4 (P3A-15)
- 18 PP5 (P3A-16)
- 19 PP6 (P3A-17)
- 20 3 (TB-1)
- 21 F1A (F1-2)
- 22 F2A (F2-2)
- 23 F3A (F3-2)
- 24 4 (TB-2)

P3A



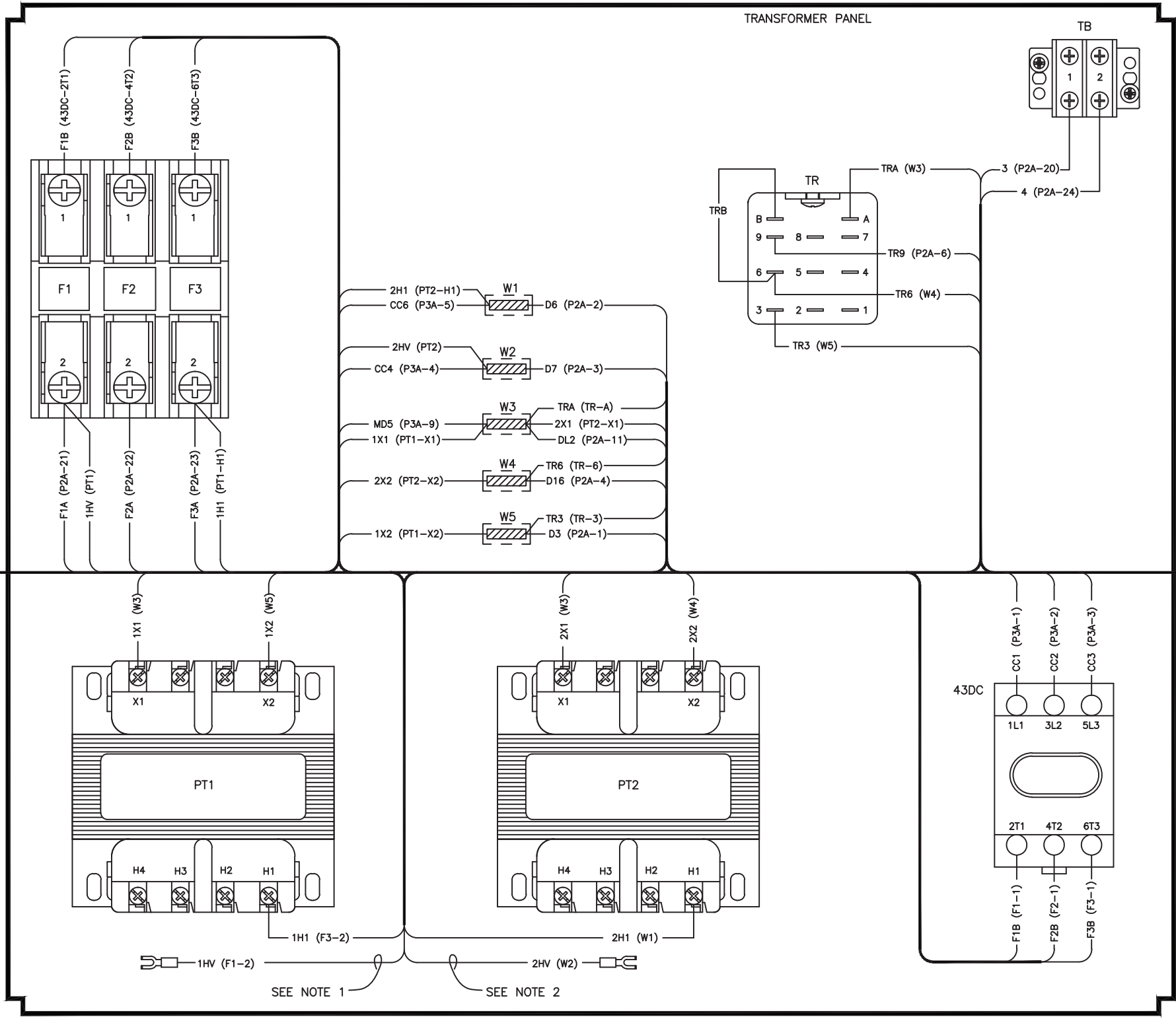
(TO CONTACTOR SHEET 1)

P2A



(TO DOOR SHEET 3)

GM71482 HARNESS REF.



**NOTE 1**  
 208V MODELS: CONNECT THE "1HV" LEAD TO THE H2 TERMINAL ON THE PT1 TRANSFORMER  
 220-240V MODELS: CONNECT THE "1HV" LEAD TO THE H3 TERMINAL ON THE PT1 TRANSFORMER  
 440-480V MODELS: CONNECT THE "1HV" LEAD TO THE H4 TERMINAL ON THE PT1 TRANSFORMER

**NOTE 2**  
 208V MODELS: CONNECT THE "2HV" LEAD TO THE H2 TERMINAL ON THE PT2 TRANSFORMER  
 220-240V MODELS: CONNECT THE "2HV" LEAD TO THE H3 TERMINAL ON THE PT2 TRANSFORMER  
 440-480V MODELS: CONNECT THE "2HV" LEAD TO THE H4 TERMINAL ON THE PT2 TRANSFORMER

MODEL KEP  
 100-1200A  
 SERVICE ENTRANCE  
 PROGRAMMED TRANSITION  
 FOR SCHEMATIC DIAGRAM SEE GM89725

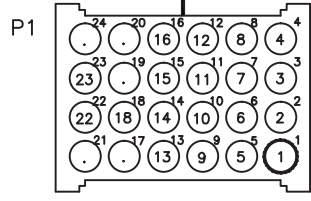
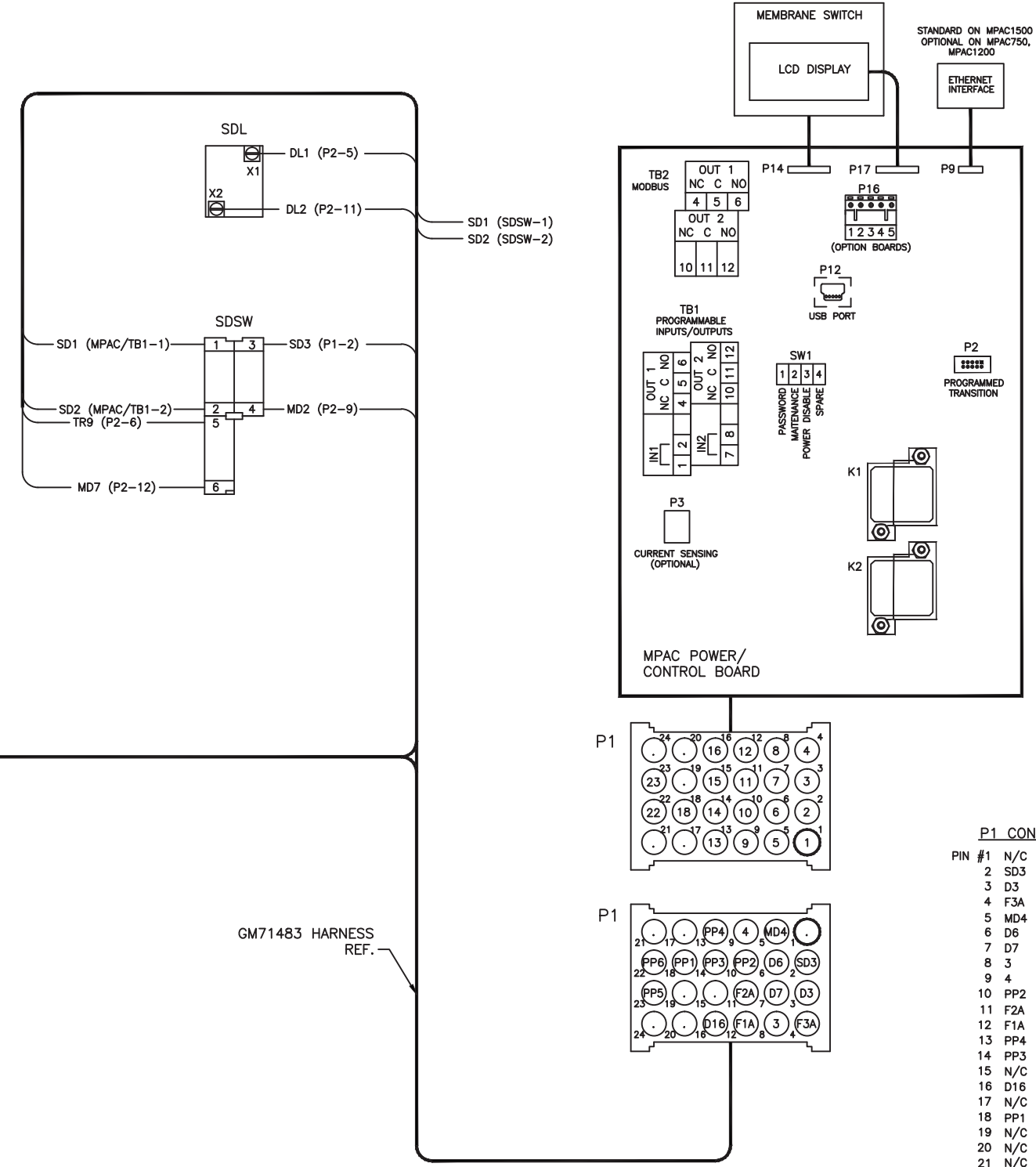
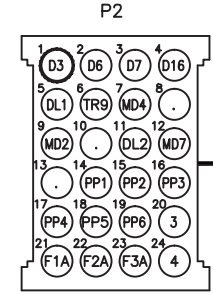
UNLESS OTHERWISE SPECIFIED - 1) DIMENSIONS ARE IN INCHES 2) TOLERANCES ARE: .010 ANGLES ± 1/2° .030 SURFACE FINISH .000 FRACTIONS ±		<b>KOHLER CO.</b> POWER SYSTEMS, KOHLER, WI 53044, U.S.A. THIS DRAWING, IN DESIGN AND USE, IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
APPROVALS	DATE	TITLE	
DESIGN DFS	12-4-13	DIAGRAM, WIRING	
CHECKED MTL	12-4-13	SCALE	SHEET 2-3
APPROVED HCC	12-4-13	PLOTTED	GM89726

ENCLOSURE DOOR (REAR VIEW)

REV	DATE	REVISION	BY	CHK
-	12-4-13	NEW DRAWING [CT70293]	DFS	

P2 CONNECTIONS

- PIN #1 D3 (P1-3)
- 2 D6 (P1-6)
- 3 D7 (P1-7)
- 4 D16 (P1-16)
- 5 DL1 (SDL-X1)
- 6 TR9 (SDSW-5)
- 7 MD4 (P1-5)
- 8 N/C
- 9 MD2 (SDSW-4)
- 10 N/C
- 11 DL2 (SDL-X2)
- 12 MD7 (SDSW-6)
- 13 N/C
- 14 PP1 (P1-18)
- 15 PP2 (P1-10)
- 16 PP3 (P1-14)
- 17 PP4 (P1-13)
- 18 PP5 (P1-23)
- 19 PP6 (P1-22)
- 20 3 (P1-8)
- 21 F1A (P1-12)
- 22 F2A (P1-11)
- 23 F3A (P1-4)
- 24 4 (P1-9)



P1 CONNECTIONS

- PIN #1 N/C
- 2 SD3 (SDSW-3)
- 3 D3 (P2-1)
- 4 F3A (P2-23)
- 5 MD4 (P2-7)
- 6 D6 (P2-2)
- 7 D7 (P2-3)
- 8 3 (P2-20)
- 9 4 (P2-24)
- 10 PP2 (P2-15)
- 11 F2A (P2-22)
- 12 F1A (P2-21)
- 13 PP4 (P2-17)
- 14 PP3 (P2-16)
- 15 N/C
- 16 D16 (P2-4)
- 17 N/C
- 18 PP1 (P2-14)
- 19 N/C
- 20 N/C
- 21 N/C
- 22 PP6 (P2-19)
- 23 PP5 (P2-18)
- 24 N/C

GM71483 HARNESS REF.

UNLESS OTHERWISE SPECIFIED - 1) DIMENSIONS ARE IN INCHES 2) TOLERANCES ARE: FRACTIONS ± .005 DECIMALS ± .005 SURFACE FINISH MIL		<b>KOHLER CO.</b> POWER SYSTEMS, KOHLER, WI 53044 U.S.A. THIS DRAWING, IN DESIGN AND DETAIL, IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
MODEL KEP 100-1200A SERVICE ENTRANCE PROGRAMMED TRANSITION FOR SCHEMATIC DIAGRAM SEE GMB9725		TITLE <b>DIAGRAM, WIRING</b>	
APPROVALS DRAWN DFS CHECKED MTL APPROVED HCC	DATE 12-4-13 12-4-13 12-4-13	SCALE 1:1 1:1 1:1	SHEET 3-3 DWG. NO. <b>GM89726</b> DESIGNED BY DFS