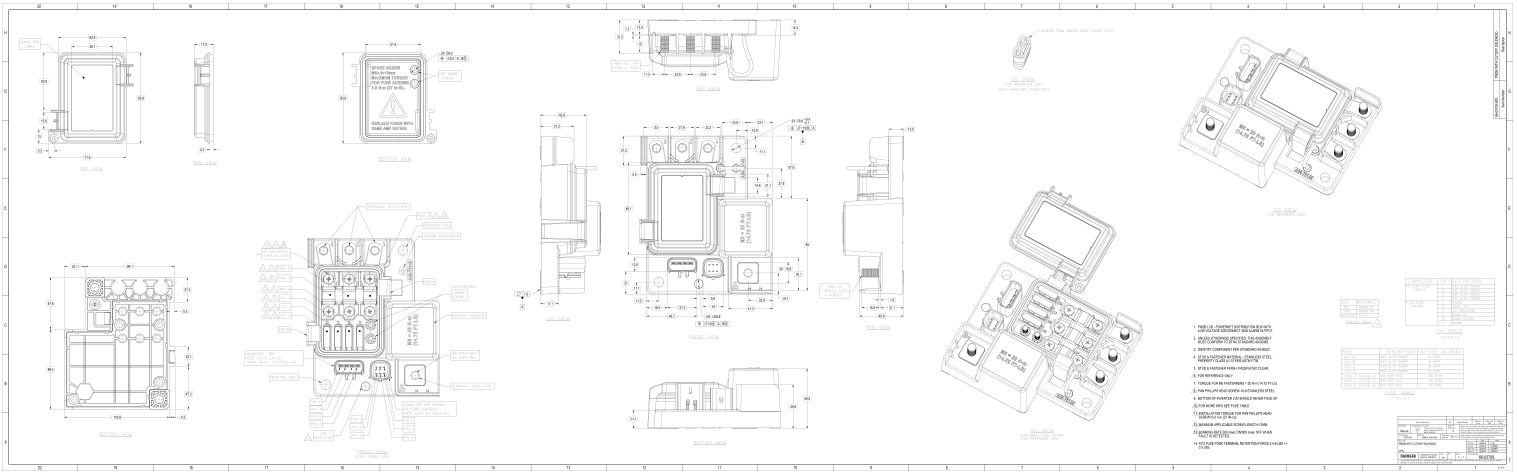
TOP VIEW
SIDE VIEW
BOTTOM VIEW
FRONT VIEW
LEFT VIEW
RIGHT VIEW
ISO VIEW
FOR REFERENCE ONLY
ISO VIEW
FOR REFERENCE ONLY
ISO VIEW
FOR REFERENCE ONLY
1. PROD LVS - CONTINUITY DISTRIBUTION BOX WITH CORP LOCKING DISCONNECT AND ALARM SUPPLY
2. PN 2253 STRAINING UNDER LOCK TUBE ASSEMBLY PLATE CONFORMS TO ZM 187 STANDARD HARDWARE
3. IDENTIFY COMPONENT PER STANDARD 40-90001.
4. STUD & FASTENER MATERIAL - STAINLESS STEEL. PROPERTY CLASS 81-01 PER ASTM F738
5. STUD & FASTENER FINISH PASSIVATED CLEAR.
6. FOR REFERENCE ONLY
7. TORQUE FOR PIN HARDWARES = 20 lb-in (1.75 ft-LB).
8. PAN PHILLIPS HEAD SCREW 10-32 STAINLESS STEEL.
9. BOTTOM OF ENCRYPTOR LCD MODULE REVEAL PADS UP.
10. FOR MORE INFO SEE FUSE TABLE.
11. INSTALLATION TORQUE FOR PAN PHILLIPS HEAD SCREWS IS 5 in-lb (57 N-Cm).
12. MAXIMUM APPLICABLE SCREW LENGTH 0.5MM.
13. SCHEMATIC SHEET 2 DEFINES CROSS HOLE SPT WHEN PRESENT IN SPT TTB.
14. PER 40-90001 FORE TERMINAL, RETENTION FORCE 2-10 LBS >> 10 LBS.
FUSE TABLE
TYPICAL
FUSE TABLE
TYPICAL
DRAWN
CHECKED
ENGINEER
MATERIAL
FINISH
DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
DIMENSIONS AND TOLERANCES APPLY AFTER PLATING
DIMENSIONS AND TOLERANCES APPLY AFTER PAINTING
DIMENSIONS AND TOLERANCES APPLY AFTER PLATING AND PAINTING
PROPRIETARY INFORMATION
THIS DRAWING IS THE PROPERTY OF ITT INDUSTRIES, INC. AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF ITT INDUSTRIES, INC.
TITLE
PDS2 DISTRIBUTION BOX
SIZE
A
CAGE CODE
06427
DRAWING NO.
84-0750
REV
A
SCALE
1:1
SHEET 1 OF 1

	OPTION	ATC FUSE-A	ATC FUSE-B	ATC FUSE-C	ATC FUSE-D	MIDI FUSE-1	MIDI FUSE-2	MIDI FUSE-3
	A66-03714-000	30	20	5	5	175	125	175
A1	A66-03714-001	30	5	5	5	175	125	125
	A66-03714-002	30	5	5	5	100	100	175
	A66-03714-003	30	5	5	5	175	-	175
	A66-03714-004	10	20	5	5	175	125	125
	A66-03714-005	30	5	5	5	175	100	100
	A66-03714-006	-	-	-	5	125	175	175
	A66-03714-007	-	-	-	5	-	175	175
	A66-03714-008	30	20	5	5	125	125	175
	A66-03714-009	30	20	15	5	125	125	175
	A66-03714-010	30	20	15	5	125	125	125
	A66-03714-011	30	5	15	5	125	-	175
	A66-03714-012	30	10	15	5	175	125	125
	A66-03714-013	30	5	15	5	100	100	175
	A66-03714-014	10	20	15	5	125	125	175
	A66-03714-015	30	5	15	5	125	125	125
	A66-03714-016	20	5	15	5	125	100	100
B1	A66-03714-017	20	20	15	5	125	125	125
B3	A66-03714-018	30	5	15	5	150	200	125

TABLE A

	Ref	Description	Item Number	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Description	Item Number
B5	34	FUSE,MIDI M5,200AMP,VIOLET	23-13648-200	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-018
	33	FUSE,MIDI M5,150AMP,GRAY	23-13648-150	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-017
B4	32	LABEL-MAIN PNDB, 4700/5700	24-01893-024	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-016
B2	31	LABEL-MAIN PNDB, M2, MBE900	24-01892-033	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-015
	30	FUSE-ATO,1A,BLACK,PFD	23-12538-001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-014
	29	LABEL-MAIN PNDB,ZOD,RHD	24-01892-030	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-013
	28	LABEL-MAIN PNDB,WST	24-01892-028	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-012
	27	FUSE-ATO,15A,BLUE,PFD	23-12538-015	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-011
	26	LABEL-MAIN PNDB,P3,NAT GAS	24-01892-026	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-010
	25	LABEL-MAIN PNDB,ZOD,RHD	24-01892-024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-009
	24	LABEL-MAIN PNDB,WST	24-01892-023	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-008
	23	LABEL-MAIN PNDB,M2 HYBRID	24-01892-022	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-007
	22	LABEL-MAIN PNDB,Z4U	24-01892-021	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-006
	21	LABEL-MAIN PNDB,WST	24-01892-020	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-005
	20	LABEL-MAIN PNDB,P3	24-01892-019	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH-N	A66-03714-004
	19	LABEL-PNDB,WITH C/O SW,P3	24-01893-018	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-003
	18	SEAL-CAV PLUG,MX150,MX150S,NAT	23-13218-610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-002
	17	PLUG-6CAV,MX150S,MOL33472-0705	23-13662-600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-001
	16	LABEL-PNDB,W/C/O SW,FLH	24-01893-017	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	CONFIG-PNDB W/CUTOFF SWITCH	A66-03714-000
	15	LABEL-PNDB,W/C/O SW,FLH ADR 11	24-01893-016	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	Description	Item Number
	14	LABEL-PNDB,W/O C/O SW,WST,ADR11	24-01893-014	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
	13	FUSE-ATO,10A,RED,PFD	23-12538-010	-	-	-	-	1	-	1	-	-	-	-	-	-	-	1	-	-	-	-		
	12	LABEL-PNDB,W/O C/O SW,2010,M2,NG	24-01893-013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
	11	LABEL-PNDB W/O C/O SW,2010,Z4U	24-01893-003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
	10	LABEL-PNDB,2010,WST	24-01893-002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
	9	LABEL-PNDB,W/O C/O SW,2010,M2	24-01893-001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
	8	LABEL-PNDB, W/O C/O SW,2010,P3	24-01893-000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
	7	PNDB WITH CUTOFF SOLENOID	66-03709-000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	6	FUSE,MIDI M5,175AMP,GREEN	23-13648-175	-	-	-	-	1	1	1	1	-	1	1	2	2	1	1	2	1	1	2		
	5	FUSE,MIDI M5,125AMP,PINK	23-13648-125	1	3	1	3	2	-	2	1	3	2	2	-	1	-	2	-	-	2	1		
	4	FUSE,MIDI M5,100AMP,BLUE	23-13648-100	-	-	2	-	-	2	-	-	-	-	-	-	-	2	-	-	2	-	-		
	3	FUSE-ATO,30A,GREEN,PFD	23-12538-030	1	-	-	1	-	1	1	1	1	1	1	-	-	1	-	1	1	1	1		
A3	2	FUSE-ATO,20A,YELLOW,PFD	23-12538-020	-	2	1	-	1	-	-	-	1	1	1	-	-	-	1	-	-	-	1		
A2	1	FUSE-ATO,5A,TAN,PFD	23-12538-005	2	1	2	2	1	2	1	2	1	1	2	1	1	3	2	3	3	3	2		

Bill of Materials Table

1. FOR FUSE LOCATION PLEASE SEE TABLE A.
2. IDENTIFY COMPONENT PER SPEC 49-00051.
3. NEED 6 CAVITY PLUGS INSTALLED INTO 6 PIN MOLEX CONNECTOR SUPPLIED PRE-INSTALLED BY TERRA POWER SYSTEMS.
4. ALL PNDB TO BE SHIPPED WITH SOLENOID CONTACTS IN OPEN POSITION.

1.ADDED -017 2.ADDED 24-01892-033 FOR -017, REF #31 3.ADDED -018 4.ADDED 24-01893-024 FOR -018, REF #32 5.ADDED FUSES FOR -018, REF #22 & #34	B	PS5945-66	ESC 03/21/18	A1K 03/21/18	CAZ 03/21/18
1. A66-03714-001(ATC FUSE-B WAS 20. 2. 23-12538-035/-001 WAS 2. 3. 23-12538-025/-001 WAS 1.	A	PS5793-15	CKL 10/13/16	N1C 10/13/16	JAB 10/13/16
Revision Description	Rev.	Release Number	Drawn by	Resp. Eng.	Approved

Manual

Material/Size: 3 Safety Attention sighted: Federal-wiring diagram subject to safety relevant policy DIMSS PROCESS

Number of DS features: 0

Release Number: Drawing must conform exactly with drawing specifications and where required by U.S., with approved S.A. Selection. Alterations to shapes and cerntical relevant are approved by Daimler Trucks North America LLC. This includes changes in software, machine components, manufacturing processes.

Initial Release: PS2753-04

Standard: ASME Y14.5M-1994

Third Angle Projection

Unless otherwise specified: Dimensions are in millimeters and conform to ASME Standards with exceptions as CAD Standard 23-01-01

Description: CONFIG-PNDB W/CUTOFF SWITCH

33P04

	Date	Name
Drawn by	02/20/18	CLM
Checked	02/20/18	K.BERBER
Resp. Eng.	02/20/18	N.CHARY
Approved	02/20/18	J.DEVAN

Drawing Number: A66-03714

DAIMLER

DAIMLER TRUCKS NORTH AMERICA

Extra: ### Rev: B Sheet: 1 of 1

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E-SIZE