

RELEASE NUMBER	REV	ZONE	REVISION DESCRIPTION	BY	DATE	APPD
P07570-00	C	-	INITIAL PRODUCTION RELEASE	MND	07/05/01	SCN
P10873-25	D	A2	CORRECT MASTER NUMBER	MND	11/01/01	CAC

BULKHEAD MODULE
PWR_D_MOD1_BHM

SMART_SW_H_BHM_C7C

SMART SWITCH 1 INDICATOR B4
SMART SWITCH 1 ID1 B1
SMART SWITCH 1 ID2 B2
SMART SWITCH 1 INPUT B3

B4-474A01 # 1408 (T)-0.8
B1-474C01 # 1408 (T)-0.8
B2-474D01 # 1408 (T)-0.8
B3-474B01 # 1408 (T)-0.8

SMART_SW_H_BHM_C7C

SMART SWITCH 2 INDICATOR B8
SMART SWITCH 2 ID1 B5
SMART SWITCH 2 ID2 B6
SMART SWITCH 2 INPUT B7

B8-474A02 # 1408 (T)-0.8
B5-474C02 # 1408 (T)-0.8
B6-474D02 # 1408 (T)-0.8
B7-474B02 # 1408 (T)-0.8

SMART_SW_H_BHM_C7C

SMART SWITCH 3 INDICATOR A5
SMART SWITCH 3 ID1 A2
SMART SWITCH 3 ID2 A3
SMART SWITCH 3 INPUT A4

A5-474A03 # 1408 (T)-0.8
A2-474C03 # 1408 (T)-0.8
A3-474D03 # 1408 (T)-0.8
A4-474B03 # 1408 (T)-0.8

SMART_SW_H_BHM_C7C

BATTERY-SMART SWITCH A12
PANEL LAMPS-SMART SWITCH A1
GND B9

A12-14E # 1101 (R)-0.8
A1-29A # 1304 (BR)-0.8
B9-GNDE # 1206 (BK-W) 0.8

SMART_SW_H_BHM_C7C

SMART SWITCH 4 INDICATOR A9
SMART SWITCH 4 ID1 A6
SMART SWITCH 4 ID2 A7
SMART SWITCH 4 INPUT A8

A9-474A04 # 1408 (T)-0.8
A6-474C04 # 1408 (T)-0.8
A7-474D04 # 1408 (T)-0.8
A8-474B04 # 1408 (T)-0.8

SMART_SW_H_BHM_C7C

SMART SWITCH 5 INDICATOR B10
SMART SWITCH 5 ID1 A10
SMART SWITCH 5 ID2 A11
SMART SWITCH 5 INPUT B11

B10-474A05 # 1408 (T)-0.8
A10-474C05 # 1408 (T)-0.8
A11-474D05 # 1408 (T)-0.8
B11-474B05 # 1408 (T)-0.8

SMART_SW_H_SW_SMART_C1

474A01 # 1408 (T)-0.8
14E # 1101 (R)-0.8
474C01 # 1408 (T)-0.8
474D01 # 1408 (T)-0.8

474B01 # 1408 (T)-0.8
29A # 1304 (BR)-0.8
GNDE # 1206 (BK-W)-0.8

SMART_SW_H_SW_SMART_C2

474A02 # 1408 (T)-0.8
14E # 1101 (R)-0.8
474C02 # 1408 (T)-0.8
474D02 # 1408 (T)-0.8

474B02 # 1408 (T)-0.8
29A # 1304 (BR)-0.8
GNDE # 1206 (BK-W)-0.8

SMART_SW_H_SW_SMART_C3

474A03 # 1408 (T)-0.8
14E # 1101 (R)-0.8
474C03 # 1408 (T)-0.8
474D03 # 1408 (T)-0.8

474B03 # 1408 (T)-0.8
29A # 1304 (BR)-0.8
GNDE # 1206 (BK-W)-0.8

SMART_SW_H_SW_SMART_C4

474A04 # 1408 (T)-0.8
14E # 1101 (R)-0.8
474C04 # 1408 (T)-0.8
474D04 # 1408 (T)-0.8

474B04 # 1408 (T)-0.8
29A # 1304 (BR)-0.8
GNDE # 1206 (BK-W)-0.8

SMART_SW_H_SW_SMART_C5

474A05 # 1408 (T)-0.8
14E # 1101 (R)-0.8
474C05 # 1408 (T)-0.8
474D05 # 1408 (T)-0.8

474B05 # 1408 (T)-0.8
29A # 1304 (BR)-0.8
GNDE # 1206 (BK-W)-0.8

SMART SWITCH NO. 1
INSTM_D_SW_SMART1

SMART SWITCH NO. 2
INSTM_D_SW_SMART2

SMART SWITCH NO. 3
INSTM_D_SW_SMART3

SMART SWITCH NO. 4
INSTM_D_SW_SMART4

SMART SWITCH NO. 5
INSTM_D_SW_SMART5

REFERENCE COMPONENTS

SMART SWITCH
P/N: A06-37217
MATING CON: CELLC2-01

BULKHEAD MODULE (MOD32A)
P/N: 06-34529-000
MATING CON: PAC12110088;24W

GAUGE/ METRIC	AWG
0.35	22
0.50	20
0.80	18
1.00	16
2.00	14
3.00	12
5.00	10
8.00	8
13.00	6
19.00	4
32.00	2
40.00	1
50.00	0
62.00	2/0

SMART SWITCHES (MUX_CTRL)

- PART NUMBERS SHOWN ARE FOR REFERENCE ONLY,
MAY NOT BE INDICATIVE FOR SPECIFIC TRUCK IN PRODUCTION
- HARNESSES FOUND IN MODULE 329 (OPTIONAL SWITCH WIRING)

DO NOT SCALE COPIES OF THIS DRAWING

sheet 1

schematic

SMART_SWITCHES

MUX_CTRL

M2

MUX_CTRL

M2

MUX_CTRL

M2

MUX_CTRL

M2

MUX_CTRL

M2

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M2

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D-SIZE