

		C1	
CLIENT	SCOTT SWARTZ	NOTE	CLOCKING/IDENTIFICATION
TITLE	MOTEC PDM30-A		
CONNECTOR	AMP 34P		
TERMINAL	AMP		
BOOT	-		
LABEL	-		

SPLICES	PIN	MFG REFERENCE	FUNCTION	WIRE SPECIFICATION	COLOR	DESTINATION
	1	OUTPUT 1 (WITH A10) 20A	DHB	M22759/32-20	RED	C11-2
	2	OUTPUT 9 8A	C127/KEYPAD/SPARE CAN	M22759/32-22	RED	C8-4, C9-1, C16-4
	3	OUTPUT 2 (WITH A12) 20A	OUTPUT 2	M22759/32-20	RED	C12-2
	4	OUTPUT 10 8A	OUTPUT 10	M22759/32-20	WHITE/RED	C13-2
	5	OUTPUT 3 (WITH A14) 20A	-			
	6	OUTPUT 11 8A	OUTPUT 11	M22759/32-20	WHITE/ORANGE	C14-2
	7	OUTPUT 4 (WITH A16) 20A	-			
	8	OUTPUT 12 8A	-			
	9	OUTPUT 5 (WITH A17) 20A	-			
	10	OUTPUT 1 (WITH A1) 20A	DHB	M22759/32-20	RED	C11-2
	11	OUTPUT 13 8A	-			
	12	OUTPUT 2 (WITH A3) 20A	OUTPUT 2	M22759/32-20	RED	C12-2
	13	OUTPUT 14 8A	-			
	14	OUTPUT 3 (WITH A5) 20A	-			
	15	OUTPUT 15 8A	-			
	16	OUTPUT 4 (WITH A7) 20A	-			
	17	OUTPUT 5 (WITH A9) 20A	-			
	18	-	-			
	19	DIGITAL SWITCH 2	-			
	20	-	-			
	21	DIGITAL SWITCH 4	-			
	22	-	-			
	23	DIGITAL SWITCH 7	-			
	24	-	-			
	25	-	-			
	26	GROUND	GROUND	M22759/32-20	BLACK	C8
	27	DIGITAL SWITCH 1	-			
	28	0V	-			
	29	DIGITAL SWITCH 3	-			
	30	DIGITAL SWITCH 5	-			
	31	DIGITAL SWITCH 6	-			
	32	DIGITAL SWITCH 8	-			
	33	DIGITAL SWITCH 9	-			
	34	DIGITAL SWITCH 10	-			

		C2	
TITLE	MOTEC PDM30-B	NOTE	CLOCKING/IDENTIFICATION
CONNECTOR	AMP 26P		
TERMINAL	AMP		
BOOT	-		
LABEL	-		

SPLICES	PIN	MFG REFERENCE	FUNCTION	WIRE SPECIFICATION	COLOR	DESTINATION
	1	-	-			
	2	-	-			
	3	OUTPUT 6 (WITH B9) 20A	-			
	4	-	-			
	5	OUTPUT 7 (WITH B11) 20A	-			
	6	-	-			
	7	OUTPUT 8 (WITH B13) 20A	-			
	8	-	-			
	9	OUTPUT 6 (WITH B3) 20A	-			
	10	-	-			
	11	OUTPUT 7 (WITH B5) 20A	-			
	12	-	-			
	13	OUTPUT 8 (WITH B7) 20A	-			
	14	-	-			
	15	DIGITAL SWITCH 13	-			
	16	-	-			
	17	DIGITAL SWITCH 15	-			
	18	GROUND	GROUND	M22759/32-20	BLACK	C8
	19	-	-			
	20	DIGITAL SWITCH 11	-			
	21	DIGITAL SWITCH 12	-			
	22	0V	-			
	23	DIGITAL SWITCH 14	-			
	24	DIGITAL SWITCH 16	-			
	25	CAN LO	CAN LO	M22759/32-24	GREEN	C3-18, C9-4, C15-4
	26	CAN HI	CAN HI	M22759/32-24	WHITE	C3-19, C9-3, C15-5

CLIENT		C3			CLOCKING/IDENTIFICATION	
TITLE						
CONNECTOR						
TERMINAL						
BOOT						
LABEL						
		NOTE				
SPLICES	PIN	MFG REFERENCE	FUNCTION	WIRE SPECIFICATION	COLOR	DESTINATION
	1	ETHERNET TX-	ETHERNET TX-	SUPPLIED	GREEN	ETHERNET-6
	2	ETHERNET TX+	ETHERNET TX+	SUPPLIED	WHITE/GREEN	ETHERNET-3
	3	AV 1	AV 1	M22759/32-24	BLUE	C4-2
	4	AV 2	AV 1	M22759/32-24	VIOLET	C5-2
	5	AV 3	-			
	6	AV 4	-			
	7	8V	-			
	8	5V	CHASSIS SENSOR 5V	M22759/32-24	WHITE/GRAY	C4-3, C5-3
	9	0V	CHASSIS SENSOR 0V	M22759/32-24	BLACK/GRAY	C4-1, C5-1, C6-1, C7-1
	10	ETHERET RX-	ETHERNET RX-	SUPPLIED	ORANGE	ETHERNET-2
	11	ETHERNET RX+	ETHERNET RX+	SUPPLIED	WHITE/ORANGE	ETHERNET-1
	12	AV 5	-			
	13	AV 6	-			
	14	DIG 1	BUTTON 1 ALARM ACKNOWLEDGE	M22759/32-24	BROWN	C6-2
	15	DIG 2	BUTTON 2 DISPLAY BUTTON	M22759/32-24	RED	C7-2
	16	AT 1	-			
	17	AT 2	-			
	18	CAN 1 LO	CAN LO	M22759/32-24	GREEN	C9-4
	19	CAN 1 HI	CAN HI	M22759/32-24	WHITE	C9-3
	20	RS232 1 TX	-			
	21	SPD 1	-			
	22	SPD 2	-			
	23	SPD 3	-			
	24	CAMERA INPUT	-			
	25	RS232 2 RX	-			
	26	CAN 2 LO	SPARE CAN LO	M22759/32-24	GREEN	C16-2
	27	CAN 2 HI	SPARE CAN HI	M22759/32-24	YELLOW	C16-3
	28	RS232 1 RX	-			
	29	AUX 1	DHB CONTROL OUT	M22759/32-24	WHITE	C10-1
	30	AUX 2	DHB CONTROL OUT	M22759/32-24	GRAY	C10-2
	31	AUX 3	-			
	32	AUX 4 / LIN	-			
	33	12V	12V SUPPLY	M22759/32-22	RED/BLACK	
	34	GROUND	GROUND	M22759/32-22	BLACK	C8

TITLE	C127 AV1		NOTE	C4		
CONNECTOR	DTM06-35-E007					
TERMINAL	0462-201-20141					
BOOT	ATUM					
LABEL	C127 AV1					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	0V	M22759/32-24	BLACK/GRAY	C3-9	
	2	SIGNAL	M22759/32-24	BLUE	C3-3	
	3	5V	M22759/32-24	WHITE/GRAY	C3-8	

TITLE	C127 AV2		NOTE	C5		
CONNECTOR	DTM06-35-E007					
TERMINAL	0462-201-20141					
BOOT	ATUM					
LABEL	C127 AV2					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	0V	M22759/32-24	BLACK/GRAY	C3-9	
	2	SIGNAL	M22759/32-24	VIOLET	C3-4	
	3	5V	M22759/32-24	WHITE/GRAY	C3-8	

TITLE	BUTTON 1 ALARM ACKNOWLEDGE		NOTE	C6		
CONNECTOR	-					
TERMINAL	-					
BOOT	ATUM					
LABEL	ALARM ACK					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	0V	M22759/32-24	BLACK/GRAY	C3-9	
	2	DIG 1	M22759/32-24	BROWN	C3-14	

TITLE	BUTTON 2 DISPLAY BUTTON		NOTE	C7		
CONNECTOR	-					
TERMINAL	-					
BOOT	ATUM					
LABEL	DISPLAY MODE					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	0V	M22759/32-24	BLACK/GRAY	C3-9	
	2	DIG 2	M22759/32-24	RED	C3-15	

TITLE	GROUND		NOTE	C8		
CONNECTOR	-					
TERMINAL	-					
BOOT	-					
LABEL	GROUND					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
		PDM-A	M22759/32-20	BLACK	C1-26	
		PDM-B	M22759/32-20	BLACK	C2-18	
		C127	M22759/32-22	BLACK	C3-34	
		KEYPAD	M22759/32-22	BLACK	C9-2	
		PDM OUT 1	M22759/32-14	BLACK	C11-1	
		PDM OUT 2	M22759/32-18	BLACK	C12-1	
		PDM OUT 10	M22759/32-20	BLACK	C13-1	
		PDM OUT 11	M22759/32-20	BLACK	C14-1	
		SPARE CAN	M22759/32-22	BLACK	C16-1	
		LEAD	M22759/32-14	BLACK	C10	

TITLE	KEYPAD		NOTE	C9		
CONNECTOR	DT06-45-E008					
TERMINAL	0462-201-16141					
BOOT	ATUM					
LABEL	KEYPAD					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	12V	M22759/32-22	RED/BLACK	C1-2	
	2	GROUND	M22759/32-22	BLACK	C8	
	3	CAN HI	M22759/32-24	WHITE	C2-26	
	4	CAN LO	M22759/32-24	GREEN	C2-25	

TITLE	DHB CONTROL		NOTE	C10		
CONNECTOR	DTM06-2S-E007					
TERMINAL	0462-201-20141					
BOOT	ATUM					
LABEL	PDM OUT 1 DHB					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	AUX 1	M22759/32-24	WHITE	C3-29	
	2	AUX 2	M22759/32-24	GRAY	C3-30	

TITLE	PDM OUT 1 DHB		NOTE	C11		
CONNECTOR	DTP06-2S-E003					
TERMINAL	0462-203-12141					
BOOT	-					
LABEL	PDM OUT 1 - DHB					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	GROUND	M22759/32-14	BLACK	C8	
	2	OUTPUT 1	M22759/32-14	RED	C1-2/10	

TITLE	PDM OUT 2		NOTE	C12		
CONNECTOR	DT06-2S-E008					
TERMINAL	0462-201-16141					
BOOT	-					
LABEL	PDM OUT 2					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	GROUND	M22759/32-18	BLACK	C8	
	2	OUTPUT 2	M22759/32-18	RED	C1-3/12	

TITLE	PDM OUT 10		NOTE	C13		
CONNECTOR	DTM06-2S-E007					
TERMINAL	0462-201-20141					
BOOT	ATUM					
LABEL	PDM OUT 10					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	GROUND	M22759/32-20	BLACK	C8	
	2	OUTPUT 2	M22759/32-20	WHITE/RED	C1-4	

TITLE	PDM OUT 11		NOTE	C14		
CONNECTOR	DTM06-2S-E007					
TERMINAL	0462-201-20141					
BOOT	ATUM					
LABEL	PDM OUT 11					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	GROUND	M22759/32-20	BLACK	C8	
	2	OUTPUT 11	M22759/32-20	WHITE/ORANGE	C1-4	

TITLE	PDM COMMS		NOTE	C15		
CONNECTOR	UTC					
TERMINAL	-					
BOOT	ATUM					
LABEL	PDM COMMS					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1					
	2					
	3					
	4	CAN LO	M22759/32-24	GREEN	C2-26	
	5	CAN HI	M22759/32-24	WHITE	C2-25	

TITLE	SPARE CAN		NOTE	C16		
CONNECTOR	DTM06-4S-E007					
TERMINAL	0462-201-20141					
BOOT	ATUM					
LABEL	C127 CAN 2					
SPLICES	PIN	FUNCTION	CONDUCTOR	COLOR	DESTINATION	NOTES
	1	GROUND	M22759/32-22	BLACK	C8	
	2	CAN LO	M22759/32-24	GREEN	C2-25	
	3	CAN HI	M22759/32-24	WHITE	C2-26	
	4	12V	M22759/32-22	RED/BLACK	C1-2	