


SPEC SHEET									
SAP MATERIAL No.:			0214745						
SHORT DESCRIPTION:			SENSOR, PASSIVE INFRARED W/O PET IM D6048						
TECH. DESCRIPTION: PASSIVE INFRARED (PIR) HAS MULTI-LEVEL PROCESSING * AUTOMATIC TEMPERATURE COMPENSATION AND LIGHT FILTERS TO REDUCE FALSE ALARMS * 15m x 18m COVERAGE AREA * IP 65 * RF IMMUNITY * WITHOUT PET IMMUNITY * TEMPERATURE COMPENSATION MULTILEVEL SIGNAL PROCESSING * ESKOM DRAWING No. D-DT-6048 *									
SAP MATERIAL No.:			0214746						
SHORT DESCRIPTION:			SENSOR, PASSIVE INFRARED INCL. PET IM D6048						
TECH. DESCRIPTION: RELIABLE HUMAN DETECTION * ON-BOARD MICROPROCESSOR * DIGITAL SIGNAL ANALYSIS * MULTI-LEVEL SIGNAL PROCESSING * TEMPERATURE COMPENSATION * PET REJECTION LENS WITH VERTICAL BEAM SHAPING * ESKOM DRAWING No. D-DT-6048 *									
SAP MATERIAL No.:			0214747						
SHORT DESCRIPTION:			SENSOR, DUAL PASSIVE INFRARED D6048						
TECH. DESCRIPTION: FALSE ALARM SOURCE REJECTION (INCLUDING MEDIUM SIZE PETS) * RELIABLE HUMAN INTRUDER DETECTION * 12m x 15m COVERAGE AREA * ESKOM DRAWING No. D-DT-6048 *									
SAP MATERIAL No.:			0214748						
SHORT DESCRIPTION:			BRACKET, WALL MOUNTING D6048						
TECH. DESCRIPTION: WALL MOUNTING BRACKET * FOR MOUNTING DETECTORS * ALLOW DETECTORS TO BE TILTED UP OR DOWN AND ROTATED THROUGH 90 DEG TO OBTAIN AN IDEAL POSITION FOR OPTIMAL COVERAGE * ESKOM DRAWING No. D-DT-6048 *									
SAP MATERIAL No.:			0214749						
SHORT DESCRIPTION:			BRACKET, CEILING MOUNTING D6048						
TECH. DESCRIPTION: CEILING MOUNTING BRACKET * FOR MOUNTING DETECTORS * ALLOW DETECTORS TO BE TILTED UP OR DOWN AND ROTATED THROUGH 90 DEG TO OBTAIN AN IDEAL POSITION FOR OPTIMAL COVERAGE * ESKOM DRAWING No. D-DT-6048 *									
ITEM			:- D6048						
MATERIAL SPECIFICATION			:- N/A						
CORROSION SPECIFICATION			:- N/A						
STANDARD SPECIFICATION			:- DISSCABL1 & DISSCABK1 & DISASADJ6						
ESKOM SPECIFICATION			:- DISSCABL1 & DISSCABK1 & DISASADJ6						
TEST & CERTIFICATION REQUIREMENTS			:- DISSCABL1 & DISSCABK1						
INSPECTION		Yes	No	ESKOM RELEASE NOTE			Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS									
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS	
AUTH:	S.M. DLAMINI	DATE:	03/05/2005	SCALE			SAP No:		
CHKD:	S.M. DLAMINI	DATE:	03/05/2005	NTS			0214745	0214748	
				CAD REF:			0214746	0214749	
				SERIES 6000	D-DT-6048		SET	SHEET	REV
				FILE No:			5	1	0
				6048					
DRAWN:	V. van ZWEEL	DATE:	10/2004						

SPEC SHEET

SAP MATERIAL No.:

0214861

SHORT DESCRIPTION:

SENSOR, DUAL PHOTOELECTRIC(AIR)BEAM 30m D6048

TECH. DESCRIPTION:

ACTIVE INFRARED (AIR) DUAL PHOTOELECTRIC BEAM * 30m PHOTOELECTRIC BEAM *

ALIGNMENT CONTROLS AND PRECISE BEAM DEFINITION COMBINED WITH GUN-SIGHTS AND VOLTAGE METER JACKS TO MAKE INSTALLATION EASIER *

A WEATHER PROOF (IP65) HOUSING TO KEEP OUT INSECTS AND DUST *

LIGHTNING PROTECTION EXCEEDING 14kV * OPTIMAL HEATERS AND BACK COVERS *

DUAL BEAMS FOR HIGH IMMUNITY TO FALSE ALARMS CAUSED BY FALLING LEAVES *

99% BEAM BLOCKAGE TOLERANCE * ADJUSTABLE BEAM INTERRUPTION PERIOD *

AUTOMATIC GAIN CONTROL * ANTI-FROST COVER DESIGN *

EASY INSTALLATION WITH VIEW FINDER SIGHTS AND VOLTAGE ALIGNMENT JACKS *

POLE MOUNT BRACKETS INCLUDED *

ESKOM DRAWING No. D-DT-6048 *

SAP MATERIAL No.:

0214862

SHORT DESCRIPTION:

SENSOR, DUAL PHOTOELECTRIC(AIR)BEAM 60m D6048

TECH. DESCRIPTION:

ACTIVE INFRARED (AIR) DUAL PHOTOELECTRIC BEAM * 60m PHOTOELECTRIC BEAM *

ALIGNMENT CONTROLS AND PRECISE BEAM DEFINITION COMBINED WITH GUN-SIGHTS AND VOLTAGE METER JACKS TO MAKE INSTALLATION EASIER *

A WEATHER PROOF (IP65) HOUSING TO KEEP OUT INSECTS AND DUST *

LIGHTNING PROTECTION EXCEEDING 14kV * OPTIMAL HEATERS AND BACK COVERS *

DUAL BEAMS FOR HIGH IMMUNITY TO FALSE ALARMS CAUSED BY FALLING LEAVES *

99% BEAM BLOCKAGE TOLERANCE * ADJUSTABLE BEAM INTERRUPTION PERIOD *

AUTOMATIC GAIN CONTROL * ANTI-FROST COVER DESIGN *

EASY INSTALLATION WITH VIEW FINDER SIGHTS AND VOLTAGE ALIGNMENT JACKS *

POLE MOUNT BRACKETS INCLUDED *

ESKOM DRAWING No. D-DT-6048 *

SAP MATERIAL No.:

0214864

SHORT DESCRIPTION:

SENSOR, MAGNETIC DOOR CONTACT BRN D6048

TECH. DESCRIPTION:

NORMALLY CLOSED (NC) MAGNETIC DOOR SENSOR CONTACT *

50mm GAP * I_{max} = 0.25A * P_{max} = 3w *

COLOUR : BROWN * TESTER HOLES ON REED SWITCH *

ESKOM DRAWING No. D-DT-6048 *

SAP MATERIAL No.:

0214865

SHORT DESCRIPTION:

SENSOR, MAGNETIC DOOR CONTACT WHT D6048


TECH. DESCRIPTION:


NORMALLY CLOSED (NC) MAGNETIC DOOR SENSOR CONTACT *

50mm GAP * I_{max} = 0.25A * P_{max} = 3w *

COLOUR : WHITE * TESTER HOLES ON REED SWITCH *

ESKOM DRAWING No. D-DT-6048 *

REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS		
AUTH:	S.M. DLAMINI	DATE:	03/05/2005	SCALE NTS		D-DT-6048	SAP No:			
CHKD:	S.M. DLAMINI	DATE:	03/05/2005				CAD REF:	0214861 0214862 0214864	0214865	
DRAWN:	V. van ZWEEL	DATE:	10/2004	SERIES 6000	5	2	0	SET	SHEET	REV
				FILE No: 6048						

SPEC SHEET											
SAP MATERIAL No.:			0214866								
SHORT DESCRIPTION:			CONTROLLER, ALARM 8 ZONE D6048								
TECH. DESCRIPTION: 8 ZONE PROGRAMMABLE ZONE LOOP RESPONSE TIME ALARM CONTROLLER * EXTRA PANIC ZONE ON KEYPAD * TWO PROGRAMMABLE AUXILIARY OUTPUTS * SEPERATE ENTRY AND EXIT DELAYS * FIFTEEN USER CODES * STAY MODE * HOUSED IN METAL ENCLOSURE * ALLOWS CONNECTION TO WIRELESS SENSORS IF THE WIRELESS MODULE IS USED IN SITUATIONS WHERE IT IS DIFFICULT TO HARDWIRE THE SENSORS * CONNECTED TO KEYPAD, POWER SUPPLY, SENSORS AND TELECOMMUNICATIONS * ESKOM DRAWING No. D-DT-6048 *											
SAP MATERIAL No.:			0214867								
SHORT DESCRIPTION:			CONTROLLER, ALARM 4 ZONE D6048								
TECH. DESCRIPTION: 4 ZONE PROGRAMMABLE ZONE LOOP RESPONSE TIME ALARM CONTROLLER * EXTRA PANIC ZONE ON KEYPAD * TWO PROGRAMMABLE AUXILIARY OUTPUTS * SEPERATE ENTRY AND EXIT DELAYS * FIFTEEN USER CODES * STAY MODE * HOUSED IN METAL ENCLOSURE * ALLOWS CONNECTION TO WIRELESS SENSORS IF THE WIRELESS MODULE IS USED IN SITUATIONS WHERE IT IS DIFFICULT TO HARDWIRE THE SENSORS * CONNECTED TO KEYPAD, POWER SUPPLY, SENSORS AND TELECOMMUNICATIONS * ESKOM DRAWING No. D-DT-6048 *											
SAP MATERIAL No.:			0214868								
SHORT DESCRIPTION:			ENCLOSURE, ALARM CONTROLLER D6048								
TECH. DESCRIPTION: MILD STEEL ENCLOSURE * 300mm x 200mm x 120mm AND 1mm WALL THICKNESS * IP65 * PAINTED * LOCK FITTED * SUITABLE FOR WALL MOUNTING * ESKOM DRAWING No. D-DT-6048 *											
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DRAWINGS		
AUTH:	S.M. DLAMINI	DATE:	03/05/2005	SCALE NTS	 D-DT-6048			SAP No:			
CHKD:	S.M. DLAMINI	DATE:	03/05/2005	CAD REF:				0214866			
				SERIES 6000				0214867			
DRAWN:	V. van ZWEEL	DATE:	10/2004	FILE No:				SET	SHEET	REV	
				6048				5	3	0	

SPEC SHEET

SAP MATERIAL No.:		0214869							
SHORT DESCRIPTION:		KEYPAD, ALARM SYSTEM 8 ZONE D6048							
TECH. DESCRIPTION:									
8 ZONE FULLY PROGRAMMABLE KEYPAD *									
LCD SCREEN OR LED INDICATORS INCLUDED TO DISPLAY KEY INPUTS AND ALARMS *									
ALLOWS CONNECTION OF DETECTOR TO KEYPAD TO AVOID SEPERATE WIRING BACK TO PANEL *									
ROTATING KEYPRESS BUFFER TO REDUCE ACCESS CODE ENTRY FALSE ALARMS *									
5 PROGRAMMABLE FUNCTION KEYS WITH 25 OPTIONS SUCH AS HOME, ARM, AWAY ARM, QUICK EXIT *									
LED INDICATORS ; READY; ARMED; TROUBLE; MEMORY; BYPASS; FIRE; & PROGRAM *									
4 KEYPAD - ACTIVATED ALARMS, PANIC; AUXILIARY; FIRE; AND DURESS *									
BACKLIT DISPLAY WITH BACK LIGHTING BOOST TO PROVIDE EXTRA KEY LIGHTING WHEN ANY KEY IS DEPRESSED *									
PIEZO BUZZER PROVIDES AUDIBLE FEEDBACK FOR CORRECT KEY ENTRIES :									
PRE-ALERT; AND SYSTEM TROUBLE STATUS *									
ADJUSTABLE BUZZER TONE * CONNECTS TO 4 WIRE KEYBUS UPTO 305m FROM CONTROL PANEL *									
CURRENT CONSUMED : 85mA WITH BACK LIGHTING BOOST *									
DIMENSIONS TYPICALLY 144 x 144 x 25mm MAY VARY DEPENDING ON SUPPLIER *									
CONTROL PANEL AND FIXED MESSAGE LCD KEYPAD *									
8 ZONE HARDWIRED LIFE SAFETY AND SECURITY SYSTEM *									
ALLOWS AUTOMATIC CONTROL OF SENSORS AND ZONES USING KEYPAD *									
INTEGRATED AUTO WITH LINK TO TELECOMMUNICATIONS *									
CONNECTED TO HARDWIRED SENSORS *									
A FLIP-UP COVER CONCEALS THE KEYPAD WHEN NOT IN USE *									
ESKOM DRAWING No. D-DT-6048 *									
SAP MATERIAL No.:		0214870							
SHORT DESCRIPTION:		POWER SUPPLY, ALARM 230VAV TO 16VDC D6048							
TECH. DESCRIPTION:									
POWER SUPPLY AND BATTERY CHARGER FOR ALARM SYSTEM *									
230 VOLT AC PRIMARY VOLTAGE * 16 VOLT DC SECONDARY VOLTAGE *									
TO CHARGE 12V DC ALARM BATTERY * ENCLOSED IN LOCKABLE (IP 65) BOX *									
POWER RATING FROM 30VA TO 50VA * MAIN FILTRATION AND SURGE PROTECTION *									
ESKOM DRAWING No. D-DT-6048 *									
SAP MATERIAL No.:		0214871							
SHORT DESCRIPTION:		BATTERY, ALARM LEAD-ACID 12VDC 7Ah D6048							
TECH. DESCRIPTION:									
SEALED RECHARGEABLE LEAD-ACID BATTERY FOR ALARM SYSTEM *									
- 12 VOLT DC @ 7Ah (@25 DEGREE CELSIUS) *									
- VALVE REGULATED *									
ESKOM DRAWING No. D-DT-6048 *									
SAP MATERIAL No.:		0214872							
SHORT DESCRIPTION:		RADIO, ALARM SYSTEM FSK 5W 433MHZ D6048							
TECH. DESCRIPTION:									
FSK RADIO FOR ALARM SYSTEM *									
- 5W POWER RATING *									
- 433MHZ OPERATING FREQUENCY *									
ESKOM DRAWING No. D-DT-6048 *									
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS	
AUTH:	S.M. DLAMINI	DATE:	03/05/2005	SCALE			SAP No:		
				NTS			0214869		0214872
CHKD:	S.M. DLAMINI	DATE:	03/05/2005	CAD REF:			0214870		
				SERIES 6000			0214871		
DRAWN:	V. van ZWEEL	DATE:	10/2004	FILE No:	D-DT-6048		SET	SHEET	REV
				6048			5	4	0

SPEC SHEET											
SAP MATERIAL No.:		0214873									
SHORT DESCRIPTION:		SWITCH, PANIC BUTTON NON-LATCHING D6048									
TECH. DESCRIPTION: NORMALLY OPEN PANIC BUTTON * FLAT BUTTON CLOSED BY PRESSING * NON-LATCHING * MARKED "EMERGENCY" * ESKOM DRAWING No. D-DT-6048 *											
SAP MATERIAL No.:		0214874									
SHORT DESCRIPTION:		SWITCH, PANIC BUTTON RED D6048									
TECH. DESCRIPTION: NORMALLY OPEN PANIC BUTTON * NORMAL SWITCH CLOSE TO ACTIVATE * COLOUR : RED WITH WHITE HOUSING * ESKOM DRAWING No. D-DT-6048 *											
SAP MATERIAL No.:		0214875									
SHORT DESCRIPTION:		CABLE 4C 0.2mm CU 100m D6048									
TECH. DESCRIPTION: PVC COMPOUND INSULATED CABLE * 4 CORE TWISTED PAIR * 40N MINIMUM BREAKING STRENGTH * 0.2mm DIAMETER COPPER CONDUCTOR * 100m ROLL * WHITE INSULATION * CONNECTS ALARM SENSOR TO CONTROL PANEL AND FROM KEYPAD TO CONTROLLER * ESKOM DRAWING No. D-DT-6048 *											
SAP MATERIAL No.:		0214876									
SHORT DESCRIPTION:		CABLE 2C 0.5mm CU 100m D6048									
TECH. DESCRIPTION: PVC COMPOUND INSULATED CABLE * 2 CORE * 40N MINIMUM BREAKING STRENGTH * 0.5mm DIAMETER COPPER CONDUCTOR * 100m ROLL * CONNECTS CONTROLLER TO BATTERY 12 VOLT OUTPUT FROM POWER SUPPLY TO BATTERY * ESKOM DRAWING No. D-DT-6048 *											
SAP MATERIAL No.:		0214877									
SHORT DESCRIPTION:		CABLE 3C 0.5mm CU 100m D6048									
TECH. DESCRIPTION: PVC COMPOUND INSULATED CABLE * 3 CORE * 40N MINIMUM BREAKING STRENGTH * 0.5mm DIAMETER COPPER CONDUCTOR * 100m ROLL * CONNECTS CONTROLLER TO BATTERY 12 VOLT OUTPUT FROM POWER SUPPLY TO BATTERY * ESKOM DRAWING No. D-DT-6048 *											
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DRAWINGS		
AUTH:	S.M. DLAMINI	DATE:	03/05/2005	SCALE NTS	 D-DT-6048			SAP No:			
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